

TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
Key Ideas and Details			
<p>CCSS.ELA-Literacy.CCRA.R.1- Read closely to determine what the text says explicitly and to make inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.</p>	<p><i>Basics Reading</i> 3.3, 5.2, 5.3 <i>Achieve Reading & Writing</i> 1.2, 2.2, 5.3, 6.2 <i>Achieve Online (TASC)- Reading & Writing</i> 1.2, 2.2, 5.3, 6.2 <i>TASC Exercise Book- Reading & Writing</i> 1.2, 2.2, 5.3, 6.2 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 1.1, 1.3, 3.1.1, <i>Reading Basics Advanced SE-</i> Pg. 22-26, 102-106 <i>Achieving TABE Success in Reading Level A:</i> Pg. 75-82, 179-186 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 3.2, 4.1, 4.6 <i>TASC Guide</i> Pg. 29-31</p>		
<p>CCSS.ELA-Literacy.CCRA.R.2- Determine central ideas of a text and analyze their development; summarize key supporting details.</p>	<p><i>Basics Reading</i> 1.4, 4.2, 5.5, 5.6 <i>Achieve Reading & Writing</i> 1.1, 1.2, 1.3, 1.4, 1.5, 7.2 <i>Achieve Online (TASC)- Reading & Writing</i> 1.1, 1.2, 1.3, 1.4, 1.5, 7.2 <i>TASC Exercise Book- Reading & Writing</i> 1.1, 1.2, 1.3, 1.4, 1.5, 7.2 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 1.2, 1.3, 1.4.1, 3.4 <i>Reading Basics Advanced SE-</i> Pg. 38-42, 46-50, 62-66, 150-154 <i>Achieving TABE Success in Reading Level A:</i> Pg. 139-154, 163-178 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 4.1, 4.2, 4.3, 4.4 <i>TASC Guide</i> Pg. 31-33</p>		
<p>CCSS.ELA-Literacy.CCRA.R.3- Analyze how and why individuals, ideas, or events interact and develop over the course of the text.</p>	<p><i>Basics Reading</i> 1.2, 1.6, 5.1, 5.2 <i>Achieve Reading & Writing</i> 2.3, 2.5, 4.1 <i>Achieve Online (TASC)- Reading & Writing</i> 2.3, 2.5, 4.1 <i>TASC Exercise Book- Reading & Writing</i> 2.3, 2.5, 4.1 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 1.2, 3.2 <i>Reading Basics Advanced SE-</i> Pg. 14-18, 78-82 <i>Achieving TABE Success in Reading Level A:</i> Pg. 59-74 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 3.1 <i>TASC Guide</i> Pg. 33-34</p>		
Craft and Structure			
<p>CCSS.ELA-Literacy.CCRA.R.4- Interpret words and phrases as they are used in a text, including figurative, connotative, and technical meanings; and analyze how specific word choices change the meaning or tone.</p>	<p><i>Basics Reading</i> 3.1, 3.4, 5.4 <i>Achieve Reading & Writing</i> 3.1, 3.2, 3.3 <i>Achieve Online (TASC)- Reading & Writing</i> 3.1, 3.2, 3.3 <i>TASC Exercise Book- Reading & Writing</i> 3.1, 3.2, 3.3 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 5.1, 5.2, 5.3 <i>Reading Basics Advanced SE-</i> Pg. 118-122 <i>Achieving TABE Success in Reading Level A:</i> Pg. 129-130, 191, 237-240 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 5.6, 5.11 <i>TASC Guide</i> Pg. 34-36</p>		

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<p>CCSS.ELA-Literacy.CCRA.R.5- Analyze the structure of texts, including how specific sentences, paragraphs, and larger portions of the text (e.g., a section, chapter, scene, or stanza) relate to each other and the whole.</p>	<p><i>Basics Reading</i> 2.2, 3.2, 3.4, 5.4, 5.6 <i>Achieve Reading & Writing</i> 2.3, 4.2, 4.3, 5.2, 7.3 <i>Achieve Online (TASC)- Reading & Writing</i> 2.3, 4.2, 4.3, 5.2, 7.3 <i>TASC Exercise Book- Reading & Writing</i> 2.3, 4.2, 4.3, 5.2, 7.3 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 2.1, 2.2, 2.3, 2.4, 5.1 <i>Reading Basics Advanced SE-</i> Pg.30-34, 134-138, 174-178 <i>Achieving TABE Success in Reading Level A:</i> Pg. 155-162, 233-236 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 4.5, 5.6 <i>TASC Guide</i> Pg. 36-38</p>		
<p>CCSS.ELA-Literacy.CCRA.R.6- Assess how point of view or purpose shapes the content and style of a text.</p>	<p><i>Basics Reading</i> 1.4, 3.3, 3.4, 5.3 <i>Achieve Reading & Writing</i> 3.2, 5.1, 5.3, 5.4, 5.5 <i>Achieve Online (TASC)- Reading & Writing</i> 3.2, 5.1, 5.3, 5.4, 5.5 <i>TASC Exercise Book- Reading & Writing</i> 3.2, 5.1, 5.3, 5.4, 5.5 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 2.5, 2.6, 3.4, 6.1, 6.2 <i>Reading Basics Advanced SE-</i> Pg. 54-58, 142-146 <i>Achieving TABE Success in Reading Level A:</i> Pg. 209-224 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 5.4, 5.7 <i>TASC Guide</i> Pg. 38-40</p>		
<p>Integration of Knowledge and Ideas</p>			
<p>CCSS.ELA-Literacy.CCRA.R.7- Integrate and evaluate content presented in diverse media and formats including visually and quantitatively, as well as in words.</p>	<p><i>Basics Reading</i> 1.3, 2.2, 3.2, 4.2 <i>Achieve Reading & Writing</i> 7.1, 7.3 <i>Achieve Online (TASC)- Reading & Writing</i> 7.1, 7.3 <i>TASC Exercise Book- Reading & Writing</i> 7.1, 7.3 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 3.3 <i>Reading Basics Advanced SE-</i> Pg. 86-90 <i>Achieving TABE Success in Reading Level A:</i> Pg. 117-124, 245-248 <i>Instruction Targeted for TABE Success, Level A, Reading:</i> 1.4, 1.5 <i>TASC Guide</i> Pg. 41-42.</p>		
<p>CCSS.ELA-Literacy.CCRA.R.8- : Delineate and evaluate the argument and specific claims in a text, including the validity of the reasoning as well as the relevance and sufficiency of the evidence</p>	<p><i>Achieve Reading & Writing</i> 3.1, 3.2, 6.5, 7.3 <i>Achieve Online (TASC)- Reading & Writing</i> 3.1, 3.2, 6.5, 7.3 <i>TASC Exercise Book- Reading & Writing</i> 3.1, 3.2, 6.5, 7.3 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 4.1, 4.2, 4.3, 4.4, 4.5, 9.4 <i>TASC Guide</i> Pg. 43</p>		
<p>CCSS.ELA-Literacy.CCRA.R.9- Analyze how two or more texts address similar themes or topics in order to build knowledge or to the approaches the authors take.</p>	<p><i>Achieve Reading & Writing</i> 7.1, 7.4 <i>Achieve Online (TASC)- Reading & Writing</i> 7.1, 7.4 <i>TASC Exercise Book- Reading & Writing</i> 7.1, 7.4 <i>Learn Smart Achieve Adaptive TASC Reading & Writing</i> 3.4, 3.5, 6.2 <i>TASC Guide</i> Pg. 44-45</p>		

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Vocabulary Acquisition and Use			
<p>CCSS.ELA-Literacy.CCRA.L.4-Determine or clarify the meaning of unknown and multiple-meaning words and phrases by using context clues, analyzing meaningful word parts, and consulting general and specialized reference materials, as appropriate.</p>	<p><i>Basics Reading</i> 2.3, 3.4, 5.4 <i>Achieve Reading & Writing</i> 3.1 <i>Achieve Online (TASC)- Reading & Writing</i> 3.1 <i>TASC Exercise Book- Reading & Writing</i> 3.1 <i>Achieving TABE Success in Reading Level A: Pg. 19-44</i> <i>Instruction Targeted for TABE Success, Level A, Reading: 2.1</i> <i>TASC Guide Pg. 46-47</i></p>		
<p>CCSS.ELA-Literacy.CCRA.L.5- Demonstrate understanding of figurative language, word relationships, and nuances in word meanings.</p>	<p><i>Basics Reading</i> 5.4 <i>Achieve Reading & Writing</i> 3.1, 3.3, 5.5 <i>Achieve Online (TASC)- Reading & Writing</i> 3.1, 3.3, 5.5 <i>TASC Exercise Book- Reading & Writing</i> 3.1, 3.3, 5.5 <i>Achieving TABE Success in Reading Level A: Pg. 237-240</i> <i>Instruction Targeted for TABE Success, Level A, Reading: 5.11, 5.12</i> <i>TASC Guide Pg. 47-49</i></p>		
<p>CCSS.ELA-Literacy.CCRA.L.6- Acquire and use accurately general academic and domain-specific words and phrases, sufficient for reading, writing, speaking, and listening at the college and career readiness level; demonstrate independence in gathering vocabulary knowledge when considering a word or phrase important to comprehension or expression.</p>	<p><i>Basics Reading</i> 2.3, 3.4 <i>Achieve Reading & Writing</i> 2.1, 4.1, 4.2 <i>Achieve Online (TASC)- Reading & Writing</i> 2.1, 4.1, 4.2 <i>TASC Guide Pg. 49-50</i></p>		

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Conventions of Standard English			
<p>CCSS.ELA-Literacy.LA.1. Demonstrate command of the conventions of standard English grammar and usage when writing or speaking.</p>	<p><i>Basics Writing</i> 1.1, 1.2, 2.1, 2.2, 3.1, 3.2, 5.1, 5.2, 5.3 <i>Achieve Reading & Writing</i> 1.2, 1.4, 2.4, 4.1, 5.3, 5.4, 6.4, 7.1, 7.2, 7.3, 7.4 <i>Achieve Online (TASC)- Reading & Writing</i> 1.2, 1.4, 2.4, 4.1, 5.3, 5.4, 6.4, 7.1, 7.2, 7.3, 7.4; <i>Writer’s Workshop</i> 1, 2, 3, 4, 7 <i>TASC Exercise Book- Reading & Writing</i> 1.2, 1.4, 2.4, 4.1, 5.3, 5.4, 6.4, 7.1, 7.2, 7.3, 7.4 <i>Learn Smart Achieve Adaptive TASC- Reading & Writing</i> 7.1, 7.2, 7.3, 7.4, 9.1, 9.2 <i>Achieving TABE Success in Language Level A:</i> Pg. 19-102 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 2.1, 2.2, 2.3, 2.4, 2.5 <i>TASC Guide</i> Pg. 89-95</p>		
<p>CCSS.ELA-Literacy.LA.2. Demonstrate command of the conventions of standard English capitalization, punctuation, and spelling when writing.</p>	<p><i>Basics Writing</i> 2.1, 4.1, 4.2, 4.3, 5.1 <i>Achieve Reading & Writing</i> 1.5, 2.1, 3.1 <i>Achieve Online (TASC)- Reading & Writing</i> 1.5, 2.1, 3.1; <i>Writer’s Workshop</i> 1, 7 <i>TASC Exercise Book- Reading & Writing</i> 1.5, 2.1, 3.1 <i>Learn Smart Achieve Adaptive TASC- Reading & Writing</i> 8.1, 8.2, 8.3 <i>Achieving TABE Success in Language Level A:</i> Pg. 139-178 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 4.1, 5.1 <i>TASC Guide</i> Pg. 95-99</p>		
Knowledge of Language			
<p>CCSS.ELA-Literacy.LA.3. Apply knowledge of language to understand how language functions in different contexts, to make effective choices for meaning or style, and to comprehend more fully when reading or listening.</p>	<p><i>Basics Writing</i> 2.1, 5.3, 6.2, 7.3 <i>Achieve Reading & Writing</i> 2.3, 2.5, 3.1, 3.3, 4.3, 6.3, 6.4, 7.1, 7.4 <i>Achieve Online (TASC)- Reading & Writing</i> 2.3, 2.5, 3.1, 3.3, 4.3, 6.3, 6.4, 7.1, 7.4; <i>Writer’s Workshop</i> 1-7 <i>TASC Exercise Book- Reading & Writing</i> 2.3, 2.5, 3.1, 3.3, 4.3, 6.3, 6.4, 7.1, 7.4 <i>Achieving TABE Success in Language Level A:</i> Pg. 103-106 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 1.9, 2.6, 2.7 <i>TASC Guide</i> Pg. 99-100</p>		
Text Types and Purposes			
<p>CCSS.ELA-Literacy.W.1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.</p>	<p><i>Basics Writing</i> 5.3, 6.2, 7.1, 8.1 <i>Achieve Reading & Writing</i> 2.4, 4.1, 4.2, 5.4, 6.1, 6.4 <i>Achieve Online (TASC)- Reading & Writing</i> 2.4, 4.1, 4.2, 5.4, 6.1, 6.4; <i>Writer’s Workshop</i> 4, 6 <i>TASC Exercise Book- Reading & Writing</i> 2.4, 4.1, 4.2, 5.4, 6.1, 6.4 <i>Learn Smart Achieve Adaptive TASC- Reading & Writing</i> 9.3 <i>TASC Guide</i> Pg. 101-103</p>		

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<p>CCSS.ELA-Literacy.W.2. Write informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content.</p>	<p><i>Basics Writing</i> 5.3, 6.1, 6.2, 6.3, 6.4, 7.1, 8.2, 8.3 <i>Achieve Reading & Writing</i> 1.1, 1.3, 2.1, 2.2, 2.3, 2.5, 3.2, 3.3, 4.1, 4.3, 5.1, 5.3, 6.3 <i>Achieve Online (TASC)- Reading & Writing</i> 1.1, 1.3, 2.1, 2.2, 2.3, 2.5, 3.2, 3.3, 4.1, 4.3, 5.1, 5.3, 6.3; <i>Writer’s Workshop</i> 1-3, 5, 7 <i>TASC Exercise Book- Reading & Writing</i> 1.1, 1.3, 2.1, 2.2, 2.3, 2.5, 3.2, 3.3, 4.1, 4.3, 5.1, 5.3, 6.3 <i>Learn Smart Achieve Adaptive TASC- Reading & Writing</i> <i>Achieving TABE Success in Language Level A:</i> Pg. 111-134 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 3.1, 3.4 <i>TASC Guide</i> Pg. 103-105</p>		
Productions and Distribution of Writing			
<p>CCSS.ELA-Literacy.W.4 Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.</p>	<p><i>Achieve Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>Achieve Online (TASC)- Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>TASC Guide</i> Pg. 105-107</p>		
<p>CCSS.ELA-Literacy.W.5 Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.</p>	<p><i>Achieve Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>Achieve Online (TASC)- Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>Achieving TABE Success in Language Level A:</i> Pg. 127-130 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 2.6, 2.7, 3.5 <i>TASC Guide</i> Pg. 107-109</p>		
Research to Build Present Knowledge			
<p>CCSS.ELA-Literacy.W.9 Draw evidence from literary or informational texts to support analysis, reflection, and research.</p>	<p><i>Achieve Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>Achieve Online (TASC)- Reading & Writing - Writer’s Workshop</i> 1, 2, 3, 4, 5, 6, 7 <i>Achieving TABE Success in Language Level A:</i> Pg. 183-190 <i>Instruction Targeted for TABE Success, Level A, Language-</i> 6.1 <i>TASC Guide</i> Pg. 109-112</p>		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
LIFE SCIENCES			
HS-LS1 From Molecules to Organisms: Structures and Processes			
HS-LS1-2 Develop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms.	<i>Basics Science</i> 1.1, 1.2, 1.3, 2.1, 4.1, 4.2, 4.3, 4.4 <i>Achieve Science</i> 1.1, 1.2, 1.3, 1.5, 3.1, 3.2, 3.3 <i>Achieve Online (TASC)</i> - <i>Science</i> 1.1, 1.2, 1.3, 1.5, 3.1, 3.2, 3.3 <i>TASC Science Exercise Book</i> 1.1, 1.2, 1.3, 1.5, 3.1, 3.2, 3.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.1 <i>TASC Guide</i> Pg. 349		
HS-LS1-3 Plan and conduct an investigation to provide evidence that feedback mechanisms maintain homeostasis	<i>Achieve Science</i> 1.4 <i>Achieve Online (TASC)</i> - <i>Science</i> 1.4 <i>TASC Science Exercise Book</i> 1.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.1 <i>TASC Guide</i> Pg. 349		
HS-LS1-4 Use a model to illustrate the role of cellular division (mitosis) and differentiation in producing and maintaining complex organisms.	<i>Achieve Science</i> 3.5, 4.2 <i>Achieve Online (TASC)</i> - <i>Science</i> 3.5, 4.2 <i>TASC Science Exercise Book</i> 3.5, 4.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.1 <i>TASC Guide</i> Pg. 355-356		
HS-LS1-5 Use a model to illustrate how photosynthesis transforms light energy into stored chemical energy.	<i>Basics Science</i> 2.1 <i>Achieve Science</i> 3.4 <i>Achieve Online (TASC)</i> - <i>Science</i> 3.4 <i>TASC Science Exercise Book</i> 3.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.3 <i>TASC Guide</i> Pg. 351		
HS-LS1-7 Use a model to illustrate that cellular respiration is a chemical process whereby the bonds of food molecules and oxygen molecules are broken and the bonds in new compounds are formed resulting in a net transfer of energy.	<i>Basics Science</i> 2.2 <i>Achieve Science</i> 2.2, 3.4 <i>Achieve Online (TASC)</i> - <i>Science</i> 2.2, 3.4 <i>TASC Science Exercise Book</i> 2.2, 3.4 <i>TASC Guide</i> Pg. 349		
HS-LS1.A Crosscutting Concepts: Structure and Function	<i>Basics Science</i> 4.1, 4.2, 4.3, 4.4 <i>Achieve Science</i> 1.1, 1.2, 1.3, 1.4, 1.5, 3.1, 3.2, 3.3, 3.4 <i>Achieve Online (TASC)</i> - <i>Science</i> 1.1, 1.2, 1.3, 1.4, 1.5, 3.1, 3.2, 3.3, 3.4 <i>TASC Science Exercise Book</i> 1.1, 1.2, 1.3, 1.4, 1.5, 3.1, 3.2, 3.3, 3.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.1 <i>TASC Guide</i> Pg. 349		
HS-LS1.B Crosscutting Concepts: Growth and Development of Organisms	<i>Basics Science</i> 1.3 <i>Achieve Science</i> 3.5 <i>Achieve Online (TASC)</i> - <i>Science</i> 3.5 <i>TASC Science Exercise Book</i> 3.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.1 <i>TASC Guide</i> Pg. 348-349		

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HS-LS2 Ecosystems: Interactions, Energy, and Dynamics			
HS-LS2-1 Use mathematical and/or computational representations to support explanations of factors that affect carrying capacity of ecosystems at different scales.	<i>Basics Science 3.2</i> <i>Achieve Science 2.3</i> <i>Achieve Online (TASC)- Science 2.3</i> <i>TASC Science Exercise Book 2.3</i> <i>Learn Smart Achieve Adaptive TASC Science 2.2</i> <i>TASC Guide Pg. 353</i>		
HS-LS2-2 Use mathematical representations to support and revise explanations based on evidence about factors affecting biodiversity and populations in ecosystems of different scales.	<i>Basics Science 3.1, 3.2</i> <i>Achieve Science 2.1, 2.3</i> <i>Achieve Online (TASC)- Science 2.1, 2.3</i> <i>TASC Science Exercise Book 2.1, 2.3</i> <i>Learn Smart Achieve Adaptive TASC Science 2.2</i> <i>TASC Guide Pg. 353-354</i>		
HS-LS2-3 Construct and revise an explanation based on evidence for the cycling of matter and flow of energy in aerobic and anaerobic conditions.	<i>Basics Science 3.1</i> <i>Achieve Science 3.4</i> <i>Achieve Online (TASC)- Science 3.4</i> <i>TASC Science Exercise Book 3.4</i> <i>TASC Guide Pg. 352-353</i>		
HS-LS2-4 Use mathematical representations to support claims for the cycling of matter and flow of energy among organisms in an ecosystem.	<i>Basics Science 3.1, 3.2</i> <i>Achieve Science 2.2</i> <i>Achieve Online (TASC)- Science 2.2</i> <i>TASC Science Exercise Book 2.2</i> <i>Learn Smart Achieve Adaptive TASC Science 2.2</i> <i>TASC Guide Pg. 351-352</i>		
HS-LS2-5 Develop a model to illustrate the role of photosynthesis and cellular respiration in the cycling of carbon among the biosphere, atmosphere, hydrosphere, and geosphere.	<i>Achieve Science 2.2</i> <i>Achieve Online (TASC)- Science 2.2</i> <i>TASC Science Exercise Book 2.2</i> <i>TASC Guide Pg. 351</i>		
HS-LS2-6 Evaluate the claims, evidence, and reasoning that the complex interactions in ecosystems maintain relatively consistent numbers and types of organisms in stable conditions, but changing conditions may result in a new ecosystem.	<i>Basics Science 3.4</i> <i>Achieve Science 2.1, 2.3, 2.4</i> <i>Achieve Online (TASC)- Science 2.1, 2.3, 2.4</i> <i>TASC Science Exercise Book 2.1, 2.3, 2.4</i> <i>Learn Smart Achieve Adaptive TASC Science 2.2</i> <i>TASC Guide Pg. 354</i>		
HS-LS2-7 Design, evaluate, and refine a solution for reducing the impacts of human activities on the environment and biodiversity	<i>Basics Science 3.5</i> <i>Achieve Science 2.4</i> <i>Achieve Online (TASC)- Science 2.4</i> <i>TASC Science Exercise Book 2.4</i> <i>Learn Smart Achieve Adaptive TASC Science 2.2</i> <i>TASC Guide Pg. 353-354</i>		

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HS-LS2-8 Evaluate the evidence for the role of group behavior on individual and species' chances to survive and reproduce.	<i>Basics Science</i> 3.3 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>TASC Guide</i> Pg. 354		
HS-LS2.A Crosscutting Concepts: Interdependent Relationships in Ecosystems	<i>Basics Science</i> 3.3 <i>Achieve Science</i> 2.1, 2.2 <i>Achieve Online (TASC)- Science</i> 2.1, 2.2 <i>TASC Science Exercise Book</i> 2.1, 2.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.2 <i>TASC Guide</i> Pg. 351		
HS-LS2.B Crosscutting Concepts: Cycles of Matter and Energy Transfer in Ecosystems	<i>Basics Science</i> 3.1, 3.2 <i>Achieve Science</i> 2.2, 3.4, 4.5 <i>Achieve Online (TASC)- Science</i> 2.2, 3.4, 4.5 <i>TASC Science Exercise Book</i> 2.2, 3.4, 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.2 <i>TASC Guide</i> Pg. 352-353		
HS-LS2.C Crosscutting Concepts: Ecosystem Dynamics, Functioning, and Resilience	<i>Basics Science</i> 3.1, 3.4 <i>Achieve Science</i> 2.4 <i>Achieve Online (TASC)- Science</i> 2.4 <i>TASC Science Exercise Book</i> 2.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.2 <i>TASC Guide</i> Pg. 352-353		
HS-LS2.D Crosscutting Concepts: Social Interactions and Group Behavior	<i>Basics Science</i> 3.3 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.2 <i>TASC Guide</i> Pg. 354		
HS-LS3 Heredity: Inheritance and Variation of Traits			
HS-LS3-1 Ask questions to clarify relationships about the role of DNA and chromosomes in coding the instructions for characteristic traits passed from parents to offspring.	<i>Basics Science</i> 5.1, 5.2 <i>Achieve Science</i> 3.5, 4.1 <i>Achieve Online (TASC)- Science</i> 3.5, 4.1 <i>TASC Science Exercise Book</i> 3.5, 4.1 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.3 <i>TASC Guide</i> Pg. 355-357		
HS-LS3-2 Make and defend a claim based on evidence that inheritable genetic variations may result from: (1) new genetic combinations through meiosis, (2) viable errors occurring during replication, and/or (3) mutations caused by environmental factors.	<i>Basics Science</i> 5.1, 5.2 <i>Achieve Science</i> 4.4 <i>Achieve Online (TASC)- Science</i> 4.4 <i>TASC Science Exercise Book</i> 4.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.3 <i>TASC Guide</i> Pg. 357-358		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-LS3-3 Apply concepts of statistics and probability to explain the variation and distribution of expressed traits in a population.	<i>Basics Science</i> 5.2 <i>Achieve Science</i> 4.2 <i>Achieve Online (TASC)- Science</i> 4.2 <i>TASC Science Exercise Book</i> 4.2 <i>TASC Guide</i> Pg. 357, 361		
HS-LS3.A Crosscutting Concepts: Inheritance of Traits	<i>Basics Science</i> 5.1 <i>Achieve Science</i> 3.5, 4.1 <i>Achieve Online (TASC)- Science</i> 3.5, 4.1 <i>TASC Science Exercise Book</i> 3.5, 4.1 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.3 <i>TASC Guide</i> Pg. 355-357		
HS-LS3.B Crosscutting Concepts: Variation of Traits	<i>Basics Science</i> 5.2 <i>Achieve Science</i> 4.2, 4.4 <i>Achieve Online (TASC)- Science</i> 4.2, 4.4 <i>TASC Science Exercise Book</i> 4.2, 4.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.3 <i>TASC Guide</i> Pg. 357-358		
HS-LS4 Biological Evolution: Unity and Diversity			
HS-LS4-1 Communicate scientific information that common ancestry and biological evolution are supported by multiple lines of empirical evidence.	<i>Basics Science</i> 6.1, 6.2 <i>Achieve Science</i> 4.3 <i>Achieve Online (TASC)- Science</i> 4.3 <i>TASC Science Exercise Book</i> 4.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.359		
HS-LS4-2 Construct an explanation based on evidence that the process of evolution primarily results from four factors: (1) the potential for a species to increase in number, (2) the heritable genetic variation of individuals in a species due to mutation and sexual reproduction, (3) competition for limited resources, and (4) the proliferation of those organisms that are better able to survive and reproduce in the environment.	<i>Basics Science</i> 6.1 <i>Achieve Science</i> 4.3, 4.4, 4.5 <i>Achieve Online (TASC)- Science</i> 4.3, 4.4, 4.5 <i>TASC Science Exercise Book</i> 4.3, 4.4, 4.5 <i>TASC Guide</i> Pg.360		
HS-LS4-3 Apply concepts of statistics and probability to support explanations that organisms with an advantageous heritable trait tend to increase in proportion to organisms lacking this trait.	<i>Basics Science</i> 6.1 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>TASC Guide</i> Pg.360		
HS-LS4-4 Construct an explanation based on evidence for how natural selection leads to adaptation of populations.	<i>Basics Science</i> 6.1 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.360		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-LS4-5 Evaluate the evidence supporting claims that changes in environmental conditions may result in: (1) increases in the number of individuals of some species, (2) the emergence of new species over time, and (3) the extinction of other species.	<i>Basics Science</i> 6.3 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.360		
HS-LS4.A Crosscutting Concepts: Evidence of Common Ancestry and Diversity	<i>Basics Science</i> 6.2 <i>Achieve Science</i> 4.3 <i>Achieve Online (TASC)- Science</i> 4.3 <i>TASC Science Exercise Book</i> 4.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.359		
HS-LS4.B Crosscutting Concepts: Natural Selection	<i>Basics Science</i> 6.1, 6.3 <i>Achieve Science</i> 4.4, 4.5 <i>Achieve Online (TASC)- Science</i> 4.4, 4.5 <i>TASC Science Exercise Book</i> 4.4, 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.360		
HS-LS4.C Crosscutting Concepts: Adaptation	<i>Basics Science</i> 6.1 <i>Achieve Science</i> 4.5 <i>Achieve Online (TASC)- Science</i> 4.5 <i>TASC Science Exercise Book</i> 4.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 2.4 <i>TASC Guide</i> Pg.360		
EARTH AND SPACE SCIENCES			
HS-ESS1 Earth's Place in the Universe			
HS-ESS1-1 Develop a model based on evidence to illustrate the life span of the sun and the role of nuclear fusion in the sun's core to release energy that eventually reaches Earth in the form of radiation.	<i>Basics Science</i> 12.2 <i>Achieve Science</i> 9.1 <i>Achieve Online (TASC)- Science</i> 9.1 <i>TASC Science Exercise Book</i> 9.1 <i>TASC Guide</i> Pg. 362		
HS-ESS1-2 Construct an explanation of the Big Bang theory based on astronomical evidence of light spectra, motion of distant galaxies, and composition of matter in the universe.	<i>Basics Science</i> 12.1 <i>Achieve Science</i> 9.1 <i>Achieve Online (TASC)- Science</i> 9.1 <i>TASC Science Exercise Book</i> 9.1 <i>TASC Guide</i> Pg. 363, 365		
HS-ESS1-3 Communicate scientific ideas about the way stars, over their life cycle, produce elements.	<i>Basics Science</i> 12.3 <i>Achieve Science</i> 9.1 <i>Achieve Online (TASC)- Science</i> 9.1 <i>TASC Science Exercise Book</i> 9.1 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.1 <i>TASC Guide</i> Pg. 362		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-ESS1-4 Use mathematical or computational representations to predict the motion of orbiting objects in the solar system.	<i>Basics Science 12.4</i> <i>Achieve Science 9.2</i> <i>Achieve Online (TASC)- Science 9.2</i> <i>TASC Science Exercise Book 9.2</i> <i>Learn Smart Achieve Adaptive TASC Science 3.1</i> <i>TASC Guide Pg. 363-364</i>		
HS-ESS1.A Crosscutting Concepts: The Universe and Its Stars	<i>Basics Science 12.3</i> <i>Achieve Science 9.1</i> <i>Achieve Online (TASC)- Science 9.1</i> <i>TASC Science Exercise Book 9.1</i> <i>Learn Smart Achieve Adaptive TASC Science 3.1</i> <i>TASC Guide Pg. 362</i>		
HS-ESS1.B Crosscutting Concepts: Earth and the Solar System	<i>Basics Science 12.4</i> <i>Achieve Science 9.2</i> <i>Achieve Online (TASC)- Science 9.2</i> <i>TASC Science Exercise Book 9.2</i> <i>Learn Smart Achieve Adaptive TASC Science 3.1</i> <i>TASC Guide Pg. 363-364</i>		
HS-ESS2 Earth's Systems			
HS-ESS2-1 Develop a model to illustrate how Earth's internal and surface processes operate at different spatial and temporal scales to form continental and ocean-floor features.	<i>Basics Science 11.1</i> <i>Achieve Science 8.3</i> <i>Achieve Online (TASC)- Science 8.3</i> <i>TASC Science Exercise Book 8.3</i> <i>Learn Smart Achieve Adaptive TASC Science 3.2</i> <i>TASC Guide Pg. 365-368</i>		
HS-ESS2-2 Analyze geoscience data to make the claim that one change to Earth's surface can create feedbacks that cause changes to other Earth's systems.	<i>Basics Science 11.3</i> <i>Achieve Science 8.5</i> <i>Achieve Online (TASC)- Science 8.5</i> <i>TASC Science Exercise Book 8.5</i> <i>Learn Smart Achieve Adaptive TASC Science 3.2</i> <i>TASC Guide Pg. 368-369</i>		
HS-ESS2-4 Use a model to describe how variations in the flow of energy into and out of Earth's systems result in changes in climate.	<i>Basics Science 10.1</i> <i>Achieve Science 8.1</i> <i>Achieve Online (TASC)- Science 8.1</i> <i>TASC Science Exercise Book 8.1</i> <i>Learn Smart Achieve Adaptive TASC Science 3.2</i> <i>TASC Guide Pg. 372</i>		
HS-ESS2-5 Plan and conduct an investigation of the properties of water and its effect on Earth materials and surface processes.	<i>Basics Science 11.2</i> <i>Achieve Science 8.2</i> <i>Achieve Online (TASC)- Science 8.2</i> <i>TASC Science Exercise Book 8.2</i> <i>Learn Smart Achieve Adaptive TASC Science 3.2</i> <i>TASC Guide Pg. 369</i>		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-ESS2-6 Analyze the cycling of carbon among the hydrosphere, atmosphere, geosphere and biosphere	<i>Basics Science</i> 10.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.3 <i>TASC Guide</i> Pg. 371		
HS-ESS2.A Crosscutting Concepts: Earth Materials and Systems	<i>Basics Science</i> 11.1, 11.2, 11.3 <i>Achieve Science</i> 8.1, 8.3, 8.5 <i>Achieve Online (TASC)- Science</i> 8.1, 8.3, 8.5 <i>TASC Science Exercise Book</i> 8.1, 8.3, 8.5 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.2 <i>TASC Guide</i> Pg. 369-372		
HS-ESS2.C Crosscutting Concepts: The Roles of Water in Earth’s Surface Processes	<i>Basics Science</i> 11.2 <i>Achieve Science</i> 8.2 <i>Achieve Online (TASC)- Science</i> 8.2 <i>TASC Science Exercise Book</i> 8.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.2 <i>TASC Guide</i> Pg. 369		
HS-ESS3 Earth and Human Activity			
HS-ESS3-1 Construct an explanation based on evidence for how the availability of natural resources, occurrence of natural hazards, and changes in climate have influenced human activity.	<i>Basics Science</i> 3.5, 10.2 <i>Achieve Science</i> 8.4 <i>Achieve Online (TASC)- Science</i> 8.4 <i>TASC Science Exercise Book</i> 8.4 <i>TASC Guide</i> Pg.373-374		
HS-ESS3-4 Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.	<i>Basics Science</i> 3.5, 10.2 <i>Achieve Science</i> 2.4, 8.4 <i>Achieve Online (TASC)- Science</i> 2.4, 8.4 <i>TASC Science Exercise Book</i> 2.4, 8.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.3 <i>TASC Guide</i> Pg.375		
HS-ESS3-6 Use a computational representation to illustrate the relationships among Earth systems and how those relationships are being modified due to human activity.	<i>Basics Science</i> 3.5 <i>Achieve Science</i> 2.4 <i>Achieve Online (TASC)- Science</i> 2.4 <i>TASC Science Exercise Book</i> 2.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.3		
HS-ESS3.A Crosscutting Concepts: Natural Resources	<i>Basics Science</i> 3.5 <i>Achieve Science</i> 8.4 <i>Achieve Online (TASC)- Science</i> 8.4 <i>TASC Science Exercise Book</i> 8.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.3 <i>TASC Guide</i> Pg.374		
HS-ESS3.B Crosscutting Concepts: Natural Hazards	<i>Basics Science</i> 3.4 <i>Achieve Science</i> 8.4 <i>Achieve Online (TASC)- Science</i> 8.4 <i>TASC Science Exercise Book</i> 8.4		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-ESS3.C Crosscutting Concepts: Human Impacts on Earth Systems	<i>Basics Science</i> 3.5 <i>Achieve Science</i> 2.4, 8.4 <i>Achieve Online (TASC)- Science</i> 2.4, 8.4 <i>TASC Science Exercise Book</i> 2.4, 8.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 3.3 <i>TASC Guide</i> Pg.375		
PHYSICAL SCIENCES			
HS-PS1 Matter and Its Interactions			
HS-PS1-1 Use the periodic table as a model to predict the relative properties of elements based on the patterns of electrons in the outermost energy level of atoms.	<i>Basics Science</i> 9.2 <i>Achieve Science</i> 7.1, 7.2 <i>Achieve Online (TASC)- Science</i> 7.1, 7.2 <i>TASC Science Exercise Book</i> 7.1, 7.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 331-332		
HS-PS1-4 Develop a model to illustrate that the release or absorption of energy from a chemical reaction system depends upon the changes in total bond energy.	<i>Basics Science</i> 9.3, 9.4 <i>Achieve Science</i> 7.3 <i>Achieve Online (TASC)- Science</i> 7.3 <i>TASC Science Exercise Book</i> 7.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 333-334		
HS-PS1-5 Apply scientific principles and evidence to provide an explanation about the effects of changing the temperature or concentration of the reacting particles on the rate at which a reaction occurs.	<i>Basics Science</i> 9.4 <i>Achieve Science</i> 7.3, 7.4 <i>Achieve Online (TASC)- Science</i> 7.3, 7.4 <i>TASC Science Exercise Book</i> 7.3, 7.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 335-336		
HS-PS1-7 Use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.	<i>Basics Science</i> 9.6 <i>Achieve Science</i> 7.3 <i>Achieve Online (TASC)- Science</i> 7.3 <i>TASC Science Exercise Book</i> 7.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 335-337		
HS-PS1-8 Develop models to illustrate the changes in the composition of the nucleus of the atom and the energy released during the processes of fission, fusion, and radioactive decay.	<i>Basics Science</i> 9.2, 9.5 <i>Achieve Science</i> 6.2 <i>Achieve Online (TASC)- Science</i> 6.2 <i>TASC Science Exercise Book</i> 6.2 <i>TASC Guide</i> Pg. 337-338		
HS-PS1.A Crosscutting Concepts: Structure and Properties of Matter	<i>Basics Science</i> 9.1 <i>Achieve Science</i> 7.1, 7.2, 7.3 <i>Achieve Online (TASC)- Science</i> 7.1, 7.2, 7.3 <i>TASC Science Exercise Book</i> 7.1, 7.2, 7.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 330-331		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-PS1.B Crosscutting Concepts: Chemical Reactions	<i>Basics Science</i> 9.4 <i>Achieve Science</i> 7.3, 7.4 <i>Achieve Online (TASC)- Science</i> 7.3, 7.4 <i>TASC Science Exercise Book</i> 7.3, 7.4 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.1 <i>TASC Guide</i> Pg. 334-337		
HS-PS1.C Crosscutting Concepts: Nuclear Processes	<i>Basics Science</i> 9.2 <i>Achieve Science</i> 6.2 <i>Achieve Online (TASC)- Science</i> 6.2 <i>TASC Science Exercise Book</i> 6.2 <i>TASC Guide</i> Pg. 337-338		
HS-PS2 Motion and Stability: Forces and Interactions			
HS-PS2-1 Analyze data to support the claim that Newton’s second law of motion describes the mathematical relationship among the net force on a macroscopic object, its mass, and its acceleration.	<i>Basics Science</i> 8.1 <i>Achieve Science</i> 5.2, 5.3 <i>Achieve Online (TASC)- Science</i> 5.2, 5.3 <i>TASC Science Exercise Book</i> 5.2, 5.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.2 <i>TASC Guide</i> Pg. 341		
HS-PS2-2 Use mathematical representations to support the claim that the total momentum of a system of objects is conserved when there is no net force on the system.	<i>Basics Science</i> 8.1 <i>Achieve Science</i> 5.1 <i>Achieve Online (TASC)- Science</i> 5.1 <i>TASC Science Exercise Book</i> 5.1 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.2 <i>TASC Guide</i> Pg. 341		
HS-PS2-3 Apply scientific and engineering ideas to design, evaluate, and refine a device that minimizes the force on a macroscopic object during a collision.	<i>Basics Science</i> 8.2 <i>Achieve Science</i> 5.1 <i>Achieve Online (TASC)- Science</i> 5.1 <i>TASC Science Exercise Book</i> 5.1		
HS-PS2-4 Use mathematical representations of Newton’s Law of Gravitation and Coulomb’s Law to describe and predict the gravitational and electrostatic forces between objects.	<i>Basics Science</i> 8.1 <i>Achieve Science</i> 5.2 <i>Achieve Online (TASC)- Science</i> 5.2 <i>TASC Science Exercise Book</i> 5.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.2 <i>TASC Guide</i> Pg. 339		
HS-PS2-6 Communicate scientific and technical information about why the molecular-level structure is important in the functioning of designed materials.	<i>Achieve Science</i> 7.2 <i>Achieve Online (TASC)- Science</i> 7.2 <i>TASC Science Exercise Book</i> 7.2 <i>TASC Guide</i> Pg. 340		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-PS2.A Crosscutting Concepts: Forces and Motion	<i>Basics Science</i> 8.1, 8.2 <i>Achieve Science</i> 5.1, 5.2, 5.3 <i>Achieve Online (TASC)- Science</i> 5.1, 5.2, 5.3 <i>TASC Science Exercise Book</i> 5.1, 5.2, 5.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.2 <i>TASC Guide</i> Pg. 339-341		
HS-PS2.B Crosscutting Concepts: Types of Interactions	<i>Basics Science</i> 8.2 <i>Achieve Science</i> 5.1, 7.2 <i>Achieve Online (TASC)- Science</i> 5.1, 7.2 <i>TASC Science Exercise Book</i> 5.1, 7.2 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.2 <i>TASC Guide</i> Pg. 340		
HS-PS3 Energy			
HS-PS3-1 Create a computational model to calculate the change in the energy of one component in a system when the change in energy of the other component(s) and energy flows in and out of the system are known.	<i>Basics Science</i> 7.1 <i>Achieve Science</i> 6.1 <i>Achieve Online (TASC)- Science</i> 6.1 <i>TASC Science Exercise Book</i> 6.1 <i>TASC Guide</i> Pg. 342-343		
HS-PS3-2 Develop and use models to illustrate that energy at the macroscopic scale can be accounted for as either motions of particles or energy stored in fields.	<i>Basics Science</i> 7.5 <i>Achieve Science</i> 6.1 <i>Achieve Online (TASC)- Science</i> 6.1 <i>TASC Science Exercise Book</i> 6.1 <i>TASC Guide</i> Pg. 343		
HS-PS3-4 Plan and conduct an investigation to provide evidence that the transfer of thermal energy when two components of different temperature are combined within a closed system results in a more uniform energy distribution among the components in the system (second law of thermodynamics).	<i>Basics Science</i> 7.1 <i>Achieve Science</i> 6.3 <i>Achieve Online (TASC)- Science</i> 6.3 <i>TASC Science Exercise Book</i> 6.3 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.3 <i>TASC Guide</i> Pg. 343		
HS-PS3-5 Develop and use a model of two objects interacting through electric or magnetic fields to illustrate the forces between objects and the changes in the energy of the objects due to the interaction.	<i>Basics Science</i> 7.3 <i>Achieve Science</i> 6.1 <i>Achieve Online (TASC)- Science</i> 6.1 <i>TASC Science Exercise Book</i> 6.1 <i>TASC Guide</i> Pg. 343		
HS-PS3.A Crosscutting Concepts: Definitions of Energy	<i>Basics Science</i> 7.1 <i>Achieve Science</i> 6.1 <i>Achieve Online (TASC)- Science</i> 6.1 <i>TASC Science Exercise Book</i> 6.1 <i>Learn Smart Achieve Adaptive TASC Science</i> 1.3 <i>TASC Guide</i> Pg. 342		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-PS3.B Crosscutting Concepts: Conservation of Energy and Energy Transfer	<i>Basics Science 7.1</i> <i>Achieve Science 6.1, 6.3</i> <i>Achieve Online (TASC)- Science 6.1, 6.3</i> <i>TASC Science Exercise Book 6.1, 6.3</i> <i>Learn Smart Achieve Adaptive TASC Science 1.3</i> <i>TASC Guide Pg. 342</i>		
HS-PS3.C Crosscutting Concepts: Relationship Between Energy and Forces	<i>Basics Science 7.5</i> <i>Achieve Science 6.1</i> <i>Achieve Online (TASC)- Science 6.1</i> <i>TASC Science Exercise Book 6.1</i> <i>Learn Smart Achieve Adaptive TASC Science 1.3</i> <i>TASC Guide Pg. 343</i>		
HS-PS4 Waves and Their Applications in Technologies for Information Transfer			
HS-PS4-1 Use mathematical representations to support a claim regarding relationships among the frequency, wavelength, and speed of waves traveling in various media.	<i>Basics Science 7.2</i> <i>Achieve Science 6.4</i> <i>Achieve Online (TASC)- Science 6.4</i> <i>TASC Science Exercise Book 6.4</i> <i>Learn Smart Achieve Adaptive TASC Science 1.4</i> <i>TASC Guide Pg. 346-347</i>		
HS-PS4-4 Analyze the effects that different frequencies of electromagnetic radiation have when absorbed by matter	<i>Basics Science 7.3</i> <i>Achieve Science 6.4</i> <i>Achieve Online (TASC)- Science 6.4</i> <i>TASC Science Exercise Book 6.4</i> <i>Learn Smart Achieve Adaptive TASC Science 1.4</i> <i>TASC Guide Pg. 345-346</i>		
HS-PS4-5 Evaluate technological devices that use the principles of wave behavior and wave interactions with matter.	<i>Basics Science 7.2</i> <i>Achieve Science 6.4</i> <i>Achieve Online (TASC)- Science 6.4</i> <i>TASC Science Exercise Book 6.4</i> <i>Learn Smart Achieve Adaptive TASC Science 1.4</i> <i>TASC Guide Pg. 345-346</i>		
HS-PS4.A Crosscutting Concepts: Wave Properties	<i>Basics Science 7.2</i> <i>Achieve Science 6.4</i> <i>Achieve Online (TASC)- Science 6.4</i> <i>TASC Science Exercise Book 6.4</i> <i>Learn Smart Achieve Adaptive TASC Science 1.4</i> <i>TASC Guide Pg. 344-345</i>		
HS-ETS1 Engineering Design			
HS-ETS1-1 Analyze a major global challenge to specify qualitative and quantitative criteria and constraints for solutions that account for societal needs and wants.	<i>Achieve Science 1.6</i> <i>Achieve Online (TASC)- Science 1.6</i> <i>TASC Science Exercise Book 1.6</i> <i>TASC Guide Pg. 377</i>		

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Next Generation Science Standards	McGraw-Hill Education Materials	Assigned	Completed
HS-ETS1-3 Evaluate a solution to a complex real-world problem based on prioritized criteria and trade-offs that account for a range of constraints, including cost, safety, reliability, and aesthetics, as well as possible social, cultural, and environmental impacts.	<i>Achieve Science</i> 6.2 <i>Achieve Online (TASC)- Science</i> 6.2 <i>TASC Science Exercise Book</i> 6.2 <i>TASC Guide</i> Pg. 377		
HS-ETS1.B Crosscutting Concepts: Developing Possible Solutions	<i>Achieve Science</i> 1.6, 6.2 <i>Achieve Online (TASC)- Science</i> 1.6, 6.2 <i>TASC Science Exercise Book</i> 1.6, 6.2 <i>TASC Guide</i> Pg. 376-377		

Social Studies TASC™ Test Study Plan

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
U. S. History			
U.S. History: Revolution and the New Nation (1754-1820s).	<i>Basics Social Studies 2.2</i> <i>Achieve Social Studies 3.1, 3.2</i> <i>Achieve Online(TASC)- Social Studies 3.1, 3.2</i> <i>TASC Social Studies Exercise Book 3.1, 3.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 2.1</i> <i>TASC Guide Pg. 245-246, 257</i>		
U.S. History: Expansion and Reform (1801-1861).	<i>Basics Social Studies 2.2</i> <i>Achieve Social Studies 3.2, 3.4</i> <i>Achieve Online(TASC)- Social Studies 3.2, 3.4</i> <i>TASC Social Studies Exercise Book 3.2, 3.4</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 2.2</i> <i>TASC Guide Pg. 247-248, 257</i>		
U.S. History: Civil War and Reconstruction (1850-1877) <ul style="list-style-type: none"> • The causes of the Civil War. 	<i>Basics Social Studies 2.3</i> <i>Achieve Social Studies 3.3</i> <i>Achieve Online(TASC)- Social Studies 3.3</i> <i>TASC Social Studies Exercise Book 3.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 2.3</i> <i>TASC Guide Pg. 249-250, 257</i>		
<ul style="list-style-type: none"> • The course and character of the Civil War and its effects on the American people. 	<i>Basics Social Studies 2.3</i> <i>Achieve Social Studies 3.3</i> <i>Achieve Online(TASC)- Social Studies 3.3</i> <i>TASC Social Studies Exercise Book 3.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 2.3</i> <i>TASC Guide Pg. 250</i>		
<ul style="list-style-type: none"> • Various reconstruction plans succeeded or failed. 	<i>Basics Social Studies 2.3</i> <i>Achieve Social Studies 3.3</i> <i>Achieve Online(TASC)- Social Studies 3.3</i> <i>TASC Social Studies Exercise Book 3.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 2.3</i> <i>TASC Guide Pg. 250-251</i>		
U.S. History: The Development of the Industrial United States (1870-1900) <ul style="list-style-type: none"> • How the rise of corporations, heavy industry, and mechanized farming transformed the American people. 	<i>Basics Social Studies 2.4, 6.2</i> <i>Achieve Social Studies 7.3</i> <i>Achieve Online(TASC)- Social Studies 7.3</i> <i>TASC Social Studies Exercise Book 7.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.1</i> <i>TASC Guide Pg. 251</i>		
<ul style="list-style-type: none"> • Massive immigration after 1870 and how new social patterns, conflicts, and ideas of national unity developed amid growing cultural diversity 	<i>Basics Social Studies 2.4</i> <i>Achieve Social Studies 3.4</i> <i>Achieve Online(TASC)- Social Studies 3.4</i> <i>TASC Social Studies Exercise Book 3.4</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.1</i> <i>TASC Guide Pg. 251-252</i>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> The rise of the American labor movement and how political issues reflected social and economic changes. 	<i>Basics Social Studies 6.2</i> <i>Achieve Social Studies 7.3</i> <i>Achieve Online(TASC)- Social Studies 7.3</i> <i>TASC Social Studies Exercise Book 7.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.1</i> <i>TASC Guide Pg. 251-252</i>		
<ul style="list-style-type: none"> Federal Indian policy and United States foreign policy after the Civil War. 	<i>Learn Smart Achieve Adaptive TASC Social Studies 3.1</i>		
<p>U.S. History: The Emergence of Modern America (1890-1930).</p>	<i>Basics Social Studies 2.4</i> <i>Achieve Social Studies 2.1, 3.4, 4.1</i> <i>Achieve Online(TASC)- Social Studies 2.1, 3.4, 4.1</i> <i>TASC Social Studies Exercise Book 2.1, 3.4, 4.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.1</i> <i>TASC Guide Pg. 252-253</i>		
<p>U.S. History: The Great Depression and World War II (1929-1945)</p> <ul style="list-style-type: none"> The causes of the Great Depression and how it affected American society 	<i>Basics Social Studies 2.4, 6.1</i> <i>Achieve Social Studies 4.2, 7.1</i> <i>Achieve Online(TASC)- Social Studies 4.2, 7.1</i> <i>TASC Social Studies Exercise Book 4.2, 7.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.3</i> <i>TASC Guide Pg. 253-254, 257</i>		
<ul style="list-style-type: none"> How the New Deal addressed the Great Depression, transformed American federalism, and initiated the welfare state. 	<i>Basics Social Studies 2.4</i> <i>Achieve Social Studies 7.1</i> <i>Achieve Online(TASC)- Social Studies 7.1</i> <i>TASC Social Studies Exercise Book 7.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.3</i> <i>TASC Guide Pg. 254</i>		
<ul style="list-style-type: none"> The causes and course of World War II, the character of the war at home and abroad, and its reshaping of the U.S. role in world affairs 	<i>Basics Social Studies 3.1</i> <i>Achieve Social Studies 4.2</i> <i>Achieve Online(TASC)- Social Studies 4.2</i> <i>TASC Social Studies Exercise Book 4.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.4</i> <i>TASC Guide Pg. 254</i>		
<p>U.S. History: Post-War United States (1945-1970s)</p> <ul style="list-style-type: none"> The economic boom and social transformation of postwar United States. 	<i>Basics Social Studies 3.1</i> <i>Achieve Social Studies 4.3, 4.4</i> <i>Achieve Online(TASC)- Social Studies 4.3, 4.4</i> <i>TASC Social Studies Exercise Book 4.3, 4.4</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.5</i> <i>TASC Guide Pg. 255</i>		
<ul style="list-style-type: none"> How the Cold War and conflicts in Korea and Vietnam influenced domestic and international politics. 	<i>Achieve Social Studies 4.3, 4.4</i> <i>Achieve Online(TASC)- Social Studies 4.3, 4.4</i> <i>TASC Social Studies Exercise Book 4.3, 4.4</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.7</i> <i>TASC Guide Pg. 254-255</i>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> Domestic policies after World War II. 	<i>Basics Social Studies</i> 3.3 <i>Achieve Social Studies</i> 4.4 <i>Achieve Online(TASC)- Social Studies</i> 4.4 <i>TASC Social Studies Exercise Book</i> 4.4 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.4, 3.5 <i>TASC Guide</i> Pg. 255		
<ul style="list-style-type: none"> The struggle for racial and gender equality and for the extension of civil liberties. 	<i>Basics Social Studies</i> 3.2 <i>Achieve Social Studies</i> 2.1, 4.4 <i>Achieve Online(TASC)- Social Studies</i> 2.1, 4.4 <i>TASC Social Studies Exercise Book</i> 2.1, 4.4 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.6 <i>TASC Guide</i> Pg. 255, 257		
U.S. History: Contemporary United States (1968 to the present).	<i>Basics Social Studies</i> 3.5 <i>Achieve Social Studies</i> 2.2, 4.4, 4.5 <i>Achieve Online(TASC)- Social Studies</i> 2.2, 4.4, 4.5 <i>TASC Social Studies Exercise Book</i> 2.2, 4.4, 4.5 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.5, 3.7 <i>TASC Guide</i> Pg. 256		
World History			
World History: The Beginnings of Human Society.	<i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.1 <i>TASC Guide</i> Pg. 258		
World History: Early Civilizations and the Emergence of Pastoral People (4000-1000 BCE).	<i>Achieve Social Studies</i> 9.1 <i>Achieve Online(TASC)- Social Studies</i> 9.1 <i>TASC Social Studies Exercise Book</i> 9.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.1 <i>TASC Guide</i> Pg. 259		
World History: Classical Traditions, Major Religions, and Giant Empires (1000 BCE-300 CE).	<i>Achieve Social Studies</i> 9.1 <i>Achieve Online(TASC)- Social Studies</i> 9.1 <i>TASC Social Studies Exercise Book</i> 9.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.1 <i>TASC Guide</i> Pg. 259-264, 273		
World History: Expanding Zones of Exchange and Encounter (300-1000 CE).	<i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.1 <i>TASC Guide</i> Pg. 263-264, 273		
World History: Intensified Hemispheric Interactions (1000-1500 CE).	<i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.2 <i>TASC Guide</i> Pg. 266-267, 273		
World History: The Emergence of the First Global Age (1450-1770).	<i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.2 <i>TASC Guide</i> Pg. 264-265		
World History: Age of Revolutions (1750-1914) <ul style="list-style-type: none"> The causes and consequences of political revolutions in the late 18th and early 19th centuries. 	<i>Achieve Social Studies</i> 3.1 <i>Achieve Online(TASC)- Social Studies</i> 3.1 <i>TASC Social Studies Exercise Book</i> 3.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.2 <i>TASC Guide</i> Pg. 267-268, 273		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> The causes and consequences of the agricultural and industrial revolutions, 1700-1850. 	<i>Basics Social Studies</i> 6.2, 6.3 <i>Achieve Social Studies</i> 3.4, 4.1, 7.3 <i>Achieve Online(TASC)- Social Studies</i> 3.4, 4.1, 7.3 <i>TASC Social Studies Exercise Book</i> 3.4, 4.1, 7.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.2 <i>TASC Guide</i> Pg. 265		
<ul style="list-style-type: none"> Patterns of nationalism, state-building, and social reform in Europe and the Americas, 1830-1914 	<i>Basics Social Studies</i> 6.2 <i>Achieve Social Studies</i> 3.4, 4.1 <i>Achieve Online(TASC)- Social Studies</i> 3.4, 4.1 <i>TASC Social Studies Exercise Book</i> 3.4, 4.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.2, 4.2 <i>TASC Guide</i> Pg. 268-269, 273		
<ul style="list-style-type: none"> Patterns of global change in the era of Western military and economic domination, 1800-1914. 	<i>Achieve Social Studies</i> 4.1 <i>Achieve Online(TASC)- Social Studies</i> 4.1 <i>TASC Social Studies Exercise Book</i> 4.1		
<p>World History: A Half-Century of Crisis and Achievement (1900-1945)</p> <ul style="list-style-type: none"> The causes and global consequences of World War I. 	<i>Basics Social Studies</i> 2.4 <i>Achieve Social Studies</i> 4.1 <i>Achieve Online(TASC)- Social Studies</i> 4.1 <i>TASC Social Studies Exercise Book</i> 4.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.2 <i>TASC Guide</i> Pg. 269-270		
<ul style="list-style-type: none"> The search for peace and stability in the 1920s and 1930s. 	<i>Basics Social Studies</i> 2.4 <i>Achieve Social Studies</i> 4.1 <i>Achieve Online(TASC)- Social Studies</i> 4.1 <i>TASC Social Studies Exercise Book</i> 4.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.4 <i>TASC Guide</i> Pg. 270		
<ul style="list-style-type: none"> The causes and global consequences of World War II. 	<i>Basics Social Studies</i> 3.1 <i>Achieve Social Studies</i> 4.2 <i>Achieve Online(TASC)- Social Studies</i> 4.2 <i>TASC Social Studies Exercise Book</i> 4.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 3.4, 3.7 <i>TASC Guide</i> Pg. 271-272		
<p>World History: The 20th Century Since 1945: Promises and Paradoxes</p> <ul style="list-style-type: none"> How post-World War II reconstruction occurred, new international power relations took shape, and colonial empires broke up. 	<i>Basics Social Studies</i> 3.1 <i>Achieve Social Studies</i> 4.2, 4.3 <i>Achieve Online(TASC)- Social Studies</i> 4.2, 4.3 <i>TASC Social Studies Exercise Book</i> 4.2, 4.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> <i>TASC Guide</i> Pg. 271-272		
<ul style="list-style-type: none"> The search for community, stability, and peace in an interdependent world. 	<i>Basics Social Studies</i> 3.4, 4.4 <i>Achieve Social Studies</i> 4.3, 4.5 <i>Achieve Online(TASC)- Social Studies</i> 4.3, 4.5 <i>TASC Social Studies Exercise Book</i> 4.3, 4.5 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 4.2 <i>TASC Guide</i> Pg. 272-273		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
Civics and Government			
<p>Civics and Government: Civic Life, Politics, and Government</p> <ul style="list-style-type: none"> • Explain the meaning of the terms civic life, politics, and government. 	<p><i>Basics Social Studies 1.1</i> <i>Achieve Social Studies 1.1</i> <i>Achieve Online(TASC)- Social Studies 1.1</i> <i>TASC Social Studies Exercise Book 1.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i> <i>TASC Guide Pg. 274</i></p>		
<ul style="list-style-type: none"> • Explain the essential characteristics of limited and unlimited governments. 	<p><i>Basics Social Studies 4.1</i> <i>Achieve Social Studies 1.1</i> <i>Achieve Online(TASC)- Social Studies 1.1</i> <i>TASC Social Studies Exercise Book 1.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 275</i></p>		
<ul style="list-style-type: none"> • Explain the various purposes served by constitutions. 	<p><i>Achieve Social Studies 1.1, 1.2, 2.1</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.2, 2.1</i> <i>TASC Social Studies Exercise Book 1.1, 1.2, 2.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 278</i></p>		
<ul style="list-style-type: none"> • Describe the major characteristics of systems of shared powers and of parliamentary systems. 	<p><i>Basics Social Studies 4.1</i> <i>Achieve Social Studies 1.1</i> <i>Achieve Online(TASC)- Social Studies 1.1</i> <i>TASC Social Studies Exercise Book 1.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 275, 286</i></p>		
<ul style="list-style-type: none"> • Explain the advantages and disadvantages of federal, confederal, and unitary systems of government. 	<p><i>Basics Social Studies 1.1, 4.1</i> <i>Achieve Social Studies 1.2, 3.1</i> <i>Achieve Online(TASC)- Social Studies 1.2, 3.1</i> <i>TASC Social Studies Exercise Book 1.2, 3.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i></p>		
Civics and Government: Foundations of the American Political System			
<ul style="list-style-type: none"> • Explain the central ideas of American constitutional government and their history. 	<p><i>Basics Social Studies 2.1</i> <i>Achieve Social Studies 1.1, 1.2, 2.1, 3.1</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.2, 2.1, 3.1</i> <i>TASC Social Studies Exercise Book 1.1, 1.2, 2.1, 3.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 275</i></p>		
<ul style="list-style-type: none"> • Explain the extent to which Americans have internalized the values and principles of the Constitution and attempted to make its ideals realities. 	<p><i>Basics Social Studies 1.2</i> <i>Achieve Social Studies 2.1</i> <i>Achieve Online(TASC)- Social Studies 2.1</i> <i>TASC Social Studies Exercise Book 2.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i> <i>TASC Guide Pg. 276</i></p>		
<ul style="list-style-type: none"> • Explain the importance of shared political and civic beliefs and values to the maintenance of constitutional democracy in an increasingly diverse American society. 	<p><i>Basics Social Studies 1.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i> <i>TASC Guide Pg. 276</i></p>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> Explain the meaning of the terms “liberal” and “democracy” in the phrase “liberal democracy”. 	<i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 276</i>		
<ul style="list-style-type: none"> Explain how and why ideas of classical republicanism are reflected in the values and principles of American constitutional democracy. 	<i>Basics Social Studies 1.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 276</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on what the fundamental values and principles of American political life are and their importance to the maintenance of constitutional democracy 	<i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 283</i>		
<p>Civics and Government: U.S. Constitution: Embodies the Purpose, Values, and Principles of American Democracy</p> <ul style="list-style-type: none"> Describe the purposes, organization, and functions of the institutions of the national government. 	<i>Basics Social Studies 1.3</i> <i>Achieve Social Studies 1.1, 1.2, 1.3</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.2, 1.3</i> <i>TASC Social Studies Exercise Book 1.1, 1.2, 1.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1, 1.2</i> <i>TASC Guide Pg. 277</i>		
<ul style="list-style-type: none"> Explain how the United States Constitution grants and distributes power to national and state government and how it seeks to prevent the abuse of power. 	<i>Basics Social Studies 1.2</i> <i>Achieve Social Studies 1.1, 1.3</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.3</i> <i>TASC Social Studies Exercise Book 1.1, 1.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1, 1.2, 1.3</i> <i>TASC Guide Pg. 278-280</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on issues regarding the proper relationship between the national government and the state and local governments. 	<i>Basics Social Studies 1.4</i> <i>Achieve Social Studies 1.1, 1.3</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.3</i> <i>TASC Social Studies Exercise Book 1.1, 1.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 279-280</i>		
<ul style="list-style-type: none"> Identify the major responsibilities of their state and local governments and evaluate how well they are being fulfilled. 	<i>Basics Social Studies 1.4</i> <i>Achieve Social Studies 1.3</i> <i>Achieve Online(TASC)- Social Studies 1.3</i> <i>TASC Social Studies Exercise Book 1.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.2</i> <i>TASC Guide Pg. 279-280</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on the role and importance of law in the American political system. 	<i>Basics Social Studies 1.6</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i>		
<ul style="list-style-type: none"> Explain the importance of the judicial protection of individual rights. 	<i>Basics Social Studies 1.6</i> <i>Achieve Social Studies 1.3</i> <i>Achieve Online(TASC)- Social Studies 1.3</i> <i>TASC Social Studies Exercise Book 1.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i> <i>TASC Guide Pg. 280, 283</i>		

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<ul style="list-style-type: none"> Describe how the public agenda is set. 	<i>Basics Social Studies 1.3</i> <i>Achieve Social Studies 2.3</i> <i>Achieve Online(TASC)- Social Studies 2.3</i> <i>TASC Social Studies Exercise Book 2.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.4</i> <i>TASC Guide</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions about the role of public opinion in American politics. 	<i>Basics Social Studies 1.5</i> <i>Achieve Social Studies 2.3</i> <i>Achieve Online(TASC)- Social Studies 2.3</i> <i>TASC Social Studies Exercise Book 2.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.4</i> <i>TASC Guide Pg. 279</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on the influence of the media on American political life. 	<i>Learn Smart Achieve Adaptive TASC Social Studies 1.4</i> <i>TASC Guide Pg. 279</i>		
<ul style="list-style-type: none"> Describe the roles of political parties, campaigns, and elections in American politics. 	<i>Basics Social Studies 1.5</i> <i>Achieve Social Studies 2.2</i> <i>Achieve Online(TASC)- Social Studies 2.2</i> <i>TASC Social Studies Exercise Book 2.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.4</i> <i>TASC Guide Pg. 279</i>		
<p>Civics and Government: Relationship of the United States to other Nations and to World Affairs.</p>	<i>Basics Social Studies 4.4</i> <i>Achieve Social Studies 3.2, 4.3, 4.4</i> <i>Achieve Online(TASC)- Social Studies 3.2, 4.3, 4.4</i> <i>TASC Social Studies Exercise Book 3.2, 4.3, 4.4</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 3.2, 3.7</i> <i>TASC Guide Pg. 281</i>		
<p>Civics and Government: Role of the Citizen in American Democracy</p> <ul style="list-style-type: none"> Explain the meaning of citizenship in the United States. 	<i>Basics Social Studies 1.6</i> <i>Achieve Social Studies 2.1, 2.2</i> <i>Achieve Online (TASC)- Social Studies 2.1, 2.2</i> <i>TASC Social Studies Exercise Book 2.1, 2.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i> <i>TASC Guide Pg. 282</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on issues regarding the criteria used for naturalization. 	<i>Basics Social Studies 1.6</i> <i>Achieve Social Studies 1.1, 1.2</i> <i>Achieve Online(TASC)- Social Studies 1.1, 1.2</i> <i>TASC Social Studies Exercise Book 1.1, 1.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.3</i>		
<ul style="list-style-type: none"> Evaluate, take, and defend positions on issues regarding personal, economic and political rights 	<i>Basics Social Studies 1.6, 3.2</i> <i>Achieve Social Studies 7.2</i> <i>Achieve Online(TASC)- Social Studies 7.2</i> <i>TASC Social Studies Exercise Book 7.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 1.1</i> <i>TASC Guide Pg. 283</i>		

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<ul style="list-style-type: none"> Evaluate, take, and defend positions on issues regarding civic responsibilities of citizens in American constitutional democracy. 	<i>Basics Social Studies</i> 1.6 <i>Achieve Social Studies</i> 2.1 <i>Achieve Online(TASC)- Social Studies</i> 2.1 <i>TASC Social Studies Exercise Book</i> 2.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 1.3		
Economics:			
<p>Economics: Basic Economics</p> <ul style="list-style-type: none"> Identify what people gain and what they give up when they make choices. 	<i>Basics Social Studies</i> 5.1 <i>Achieve Social Studies</i> 5.2, 5.4 <i>Achieve Online(TASC)- Social Studies</i> 5.2, 5.4 <i>TASC Social Studies Exercise Book</i> 5.2, 5.4 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.1, 5.2, 5.4 <i>TASC Guide</i> Pg. 284-285		
<ul style="list-style-type: none"> Make effective decisions as consumers, producers, savers, investors, and citizens 	<i>Basics Social Studies</i> 5.9 <i>Achieve Social Studies</i> 5.1, 5.2, 8.1 <i>Achieve Online(TASC)- Social Studies</i> 5.1, 5.2, 8.1 <i>TASC Social Studies Exercise Book</i> 5.1, 5.2, 8.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.2 <i>TASC Guide</i> Pg. 284-285		
<ul style="list-style-type: none"> Identify incentives that affect people’s behavior and explain how incentives affect their own behavior 	<i>Basics Social Studies</i> 5.1 <i>Achieve Social Studies</i> 5.3 <i>Achieve Online(TASC)- Social Studies</i> 5.3 <i>TASC Social Studies Exercise Book</i> 5.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.1		
<ul style="list-style-type: none"> Evaluate different methods of allocating goods and services, by comparing the benefits to the costs of each method. 	<i>Basics Social Studies</i> 5.1 <i>Achieve Social Studies</i> 5.1, 5.3 <i>Achieve Online(TASC)- Social Studies</i> 5.1, 5.3 <i>TASC Social Studies Exercise Book</i> 5.1, 5.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.1 <i>TASC Guide</i> Pg. 284-285		
<p>Economics: Microeconomics</p> <ul style="list-style-type: none"> Identify markets in which people participate as a buyer and as a seller and describe how the interaction of all buyers and sellers influences prices. Also, predict how prices change when there is either a shortage or surplus of the product available. 	<i>Basics Social Studies</i> 5.2 <i>Achieve Social Studies</i> 5.1, 5.2, 5.3, 6.1 <i>Achieve Online(TASC)- Social Studies</i> 5.1, 5.2, 5.3, 6.1 <i>TASC Social Studies Exercise Book</i> 5.1, 5.2, 5.3, 6.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.2 <i>TASC Guide</i> Pg. 286		
<ul style="list-style-type: none"> Predict how changes in factors such as consumers’ tastes or producers’ technology affect prices. 	<i>Basics Social Studies</i> 5.7 <i>Achieve Social Studies</i> 5.1, 6.1 <i>Achieve Online(TASC)- Social Studies</i> 5.1, 6.1 <i>TASC Social Studies Exercise Book</i> 5.1, 6.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.2 <i>TASC Guide</i> Pg. 285		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> Explain how changes in the level of competition in different markets can affect price and output levels. 	<i>Basics Social Studies 5.5</i> <i>Achieve Social Studies 5.1</i> <i>Achieve Online(TASC)- Social Studies 5.1</i> <i>TASC Social Studies Exercise Book 5.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.2</i>		
<ul style="list-style-type: none"> Describe the roles of various economic institutions and explain the importance of property rights in a market economy. 	<i>Basics Social Studies 5.4</i> <i>Achieve Social Studies 5.1, 7.1, 8.1, 8.2, 8.3</i> <i>Achieve Online(TASC)- Social Studies 5.1, 7.1, 8.1, 8.2, 8.3</i> <i>TASC Social Studies Exercise Book 5.1, 7.1, 8.1, 8.2, 8.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.2, 5.3</i>		
<p>Economics: Macroeconomics</p> <ul style="list-style-type: none"> Identify the risks and potential returns to entrepreneurship, as well as the skills necessary to engage in it. Understand the importance of entrepreneurship and innovation to economic growth, and how public policies affect incentives for and, consequently, the success of entrepreneurship in the United States. 	<i>Basics Social Studies 5.6</i> <i>Achieve Social Studies 5.2</i> <i>Achieve Online(TASC)- Social Studies 5.2</i> <i>TASC Social Studies Exercise Book 5.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.1</i>		
<ul style="list-style-type: none"> Explain how people’s lives would be more difficult in a world with no money, or in a world where money sharply lost its value. Predict the consequences of investment decisions made by individuals, businesses, and governments. 	<i>Basics Social Studies 5.9</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.2, 5.4</i> <i>TASC Guide Pg. 286-287</i>		
<ul style="list-style-type: none"> Predict future earnings based on someone’s current plans for education, training, and career options. 	<i>Learn Smart Achieve Adaptive TASC Social Studies 5.4</i>		
<p>Economics: Government and Economics</p> <ul style="list-style-type: none"> Identify and evaluate the benefits and costs of alternative public policies, and assess who enjoys the benefits and who bears the costs. 	<i>Basics Social Studies 1.8, 5.3, 5.8</i> <i>Achieve Social Studies 6.2</i> <i>Achieve Online(TASC)- Social Studies 6.2</i> <i>TASC Social Studies Exercise Book 6.2</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.4</i> <i>TASC Guide Pg. 287-288</i>		
<ul style="list-style-type: none"> Identify some public policies that may cost more than the benefits they generate, and assess who enjoys the benefits and who bears the costs. Explain why the policies exist. 	<i>Basics Social Studies 1.8</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.2</i> <i>TASC Guide Pg. 288</i>		
<ul style="list-style-type: none"> Interpret media reports about current economic conditions and explain how these conditions can influence decisions made by consumers, producers, and government policy makers. 	<i>Basics Social Studies 7.1</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.4</i>		
<ul style="list-style-type: none"> Make informed decisions by anticipating the consequences of inflation and unemployment. 	<i>Basics Social Studies 6.1, 7.1</i> <i>Achieve Social Studies 6.3</i> <i>Achieve Online(TASC)- Social Studies 6.3</i> <i>TASC Social Studies Exercise Book 6.3</i> <i>Learn Smart Achieve Adaptive TASC Social Studies 5.2</i> <i>TASC Guide Pg. 286</i>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> Anticipate the impact of federal government and Federal Reserve System macroeconomic policy decisions on themselves and others. 	<i>Basics Social Studies</i> 5.3 <i>Achieve Social Studies</i> 6.2, 7.1 <i>Achieve Online(TASC)- Social Studies</i> 6.2, 7.1 <i>TASC Social Studies Exercise Book</i> 6.2, 7.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.2 <i>TASC Guide</i> Pg. 288		
<p>Economics: Trade and International Politics.</p>	<i>Basics Social Studies</i> 1.7, 7.2 <i>Achieve Social Studies</i> 6.2 <i>Achieve Online(TASC)- Social Studies</i> 6.2 <i>TASC Social Studies Exercise Book</i> 6.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 5.3 <i>TASC Guide</i> Pg. 288-289		
Geography			
<p>Geography: Places and Regions</p> <ul style="list-style-type: none"> Explain how places are characterized by both physical and human characteristics. 	<i>Basics Social Studies</i> 8.1 <i>Achieve Social Studies</i> 9.2, 10.1, 10.2 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1, 10.2 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1, 10.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.1 <i>TASC Guide</i> Pg. 291		
<ul style="list-style-type: none"> Describes how regions are formed and what makes them distinct. 	<i>Basics Social Studies</i> 8.1 <i>Achieve Social Studies</i> 9.2, 10.1 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.1, 6.3 <i>TASC Guide</i> Pg. 290-291		
<ul style="list-style-type: none"> Describe how physical and human characteristics of places and regions change over time. 	<i>Basics Social Studies</i> 8.2, 8.3 <i>Achieve Social Studies</i> 9.2, 10.1 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.3 <i>TASC Guide</i> Pg. 291		
<p>Geography: Environment and Society</p> <ul style="list-style-type: none"> Explain the impact of human changes to the environment. 	<i>Basics Social Studies</i> 8.3 <i>Achieve Social Studies</i> 9.3 <i>Achieve Online(TASC)- Social Studies</i> 9.3 <i>TASC Social Studies Exercise Book</i> 9.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.2 <i>TASC Guide</i> Pg. 292-293		
<ul style="list-style-type: none"> Describe how the physical environment provides opportunities and hindrances on human activities. 	<i>Basics Social Studies</i> 8.5 <i>Achieve Social Studies</i> 9.3 <i>Achieve Online(TASC)- Social Studies</i> 9.3 <i>TASC Social Studies Exercise Book</i> 9.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.2 <i>TASC Guide</i> Pg. 292		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<ul style="list-style-type: none"> Describe the changes that occur in the use, distribution, and importance of a resource. 	<i>Basics Social Studies</i> 8.5 <i>Achieve Social Studies</i> 5.2, 9.3 <i>Achieve Online(TASC)- Social Studies</i> 5.2, 9.3 <i>TASC Social Studies Exercise Book</i> 5.2, 9.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.2 <i>TASC Guide</i> Pg. 293		
<p>Geography: Human Systems</p> <ul style="list-style-type: none"> Identify and explain how factors such as technology, politics, the economy, the environment, and history have influenced population distribution. 	<i>Basics Social Studies</i> 8.3 <i>Achieve Social Studies</i> 9.2, 10.1, 10.3 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1, 10.3 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1, 10.3 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.2, 6.3 <i>TASC Guide</i> Pg. 294-295		
<ul style="list-style-type: none"> Identify and describe the characteristics of cultures. 	<i>Basics Social Studies</i> 8.3 <i>Achieve Social Studies</i> 10.2 <i>Achieve Online(TASC)- Social Studies</i> 10.2 <i>TASC Social Studies Exercise Book</i> 10.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.3 <i>TASC Guide</i> Pg. 295		
<ul style="list-style-type: none"> Evaluate the functions of settlements overtime. 	<i>Basics Social Studies</i> 8.4 <i>Achieve Social Studies</i> 10.3 <i>Achieve Online(TASC)- Social Studies</i> 10.3 <i>TASC Social Studies Exercise Book</i> 10.3 <i>TASC Guide</i> Pg. 294		
<ul style="list-style-type: none"> Describe how conflict and cooperation influence the division of the Earth's surface. 	<i>Basics Social Studies</i> 8.6 <i>Achieve Social Studies</i> 9.2, 10.1 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.1 <i>TASC Guide</i> Pg. 294		
<p>Geography: World in Spatial Terms.</p>	<i>Basics Social Studies</i> 8.4 <i>Achieve Social Studies</i> 9.2, 10.1, 10.2 <i>Achieve Online(TASC)- Social Studies</i> 9.2, 10.1, 10.2 <i>TASC Social Studies Exercise Book</i> 9.2, 10.1, 10.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.1 <i>TASC Guide</i> Pg. 295		
<p>Geography: Physical Systems.</p>	<i>Basics Social Studies</i> 8.2 <i>Achieve Social Studies</i> 9.3, 10.1, 10.2 <i>Achieve Online(TASC)- Social Studies</i> 9.3, 10.1, 10.2 <i>TASC Social Studies Exercise Book</i> 9.3, 10.1, 10.2 <i>Learn Smart Achieve Adaptive TASC Social Studies</i> 6.1 <i>TASC Guide</i> Pg. 296		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
Mathematical Practices			
<p>Math Practice 1: Make sense of problems and persevere in solving them</p>	<p><i>Basics Mathematics</i> 4.5, 5.1, 5.2, 5.3, 7.6 <i>Achieve Mathematics</i> 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.1, 2.1, 2.2, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4, 4.2, 4.3, 4.4, 5.1, 5.2, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2, 2.1, 2.3, 2.4, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.2, 5.3, 5.4 <i>TASC Guide</i> pg. 161</p>		
<p>Math Practice 2: Reason abstractly and quantitatively.</p>	<p><i>Basics Mathematics</i> 4.2, 10.1, 10.3 <i>Achieve Mathematics</i> 1.1, 1.4, 2.1, 2.2, 2.3, 3.1, 3.2, 3.4, 4.1, 4.2, 4.3, 5.1, 5.4, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.3, 1.4, 2.2, 3.1, 3.2, 3.4, 4.1, 4.2, 4.3, 5.1, 5.4, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.1, 1.2, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.2, 5.3, 5.4 <i>TASC Guide</i> pg. 205</p>		
<p>Math Practice 3: Construct viable arguments and critique the reasoning others</p>	<p><i>Basics Mathematics</i> 7.4, 9.3 <i>Achieve Mathematics</i> 2.3, 2.4, 3.1, 4.1, 4.2, 4.3, 4.4, 5.1, 5.4, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3 <i>Achieve Online (TASC)- Mathematics</i> 2.3, 2.4, 3.1, 4.4, 5.1, 5.3, 5.4, 6.1, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3, 8.1, 8.2, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2, 2.2, 3.3, 4.2, 4.3, 4.6, 5.3, 5.4 <i>TASC Guide</i> pg. 164, 206-207</p>		
<p>Math Practice 4: Model with mathematics</p>	<p><i>Basics Mathematics</i> 1.1, 2.1, 9.1, 12.2, 12.7 <i>Achieve Mathematics</i> 1.1, 1.2, 1.3, 1.4, 2.1, 2.3, 2.4, 3.1, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 5.1, 5.2, 5.4, 6.1, 6.4, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.2, 1.3, 1.4, 2.1, 2.3, 2.4, 3.1, 3.3, 3.4, 4.1, 4.2, 4.3, 5.1, 5.2, 5.3, 5.4, 6.1, 6.3, 6.4, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.1, 2.2, 2.3, 3.1, 3.2, 3.3, 3.4, 4.1, 4.2, 4.3, 4.4, 4.5, 4.6, 5.1, 5.2, 5.3, 5.4 <i>TASC Guide</i> pg. 185, 199</p>		
<p>Math Practice 5: Use appropriate tools strategically.</p>	<p><i>Basics Mathematics</i> 1.5, 4.4, 12.3 <i>Achieve Mathematics</i> 2.2, 2.3, 2.4, 3.3, 4.1, 4.4, 5.1, 6.1, 7.1, 7.2, 8.1, 8.2, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.1, 1.2, 1.3, 1.4, 2.1, 2.2, 2.3, 2.4, 3.3, 4.4, 5.1, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 8.1, 8.2, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.2, 5.3 <i>TASC Guide</i> pg. 209-210</p>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<p>Math Practice 6: Attend to precision</p>	<p><i>Basics Mathematics</i> 1.2, 1.7, 2.2, 8.3 <i>Achieve Mathematics</i> 2.2, 2.3, 3.2, 3.4, 4.4, 5.3, 5.4, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.4, 2.3, 3.2, 3.4, 5.4, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.2, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2, 4.1, 4.2 <i>TASC Guide</i> pg. 150</p>		
<p>Math Practice 7: Look for and make use of structure</p>	<p><i>Basics Mathematics</i> 1.6, 12.7 <i>Achieve Mathematics</i> 1.1, 1.3, 1.4, 2.1, 2.3, 3.1, 3.3, 4.1, 4.2, 4.3, 5.1, 5.2, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.2, 1.3, 2.3, 3.1, 4.1, 4.2, 4.3, 4.4, 5.1, 5.2, 6.1, 6.2, 6.3, 7.1, 7.2, 7.3, 7.4, 8.1, 8.2, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2, 2.1, 2.2, 2.3, 2.4, 3.2, 4.3, 5.3 <i>TASC Guide</i> pg. 154-155, 176</p>		
<p>Math Practice 8: Look for and express regularity in repeated reasoning</p>	<p><i>Basics Mathematics</i> 2.4, 3.2, 5.4, 7.2, 7.5, 8.2, 10.2, 12.1 <i>Achieve Mathematics</i> 1.4, 4.2, 4.3, 5.1, 6.1, 6.2, 7.1, 7.2, 7.3, 7.4, 8.1, 8.3, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 1.3, 4.2, 4.3, 4.4, 5.1, 6.1, 6.2, 7.1, 7.2, 7.3, 7.4, 8.1, 8.3, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2</p>		
<p>Number and Quantity: The Real Number System</p>			
<p>N-RN.A.1- Explain how the definition of the meaning of rational exponents follows from extending the properties of integer exponents to those values, allowing for a notation for radicals in terms of rational exponents.</p>	<p><i>Achieve Mathematics</i> 1.4 <i>Achieve Online (TASC)- Mathematics</i> 1.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2 <i>TASC Mathematics Exercise Book</i> 1.4 <i>TASC Guide</i> Pg. 147-148</p>		
<p>N-RN.A.2 - Rewrite expressions involving radicals and rational exponents using the properties of exponents.</p>	<p><i>Basics Mathematics</i> 8.1, 8.2, 8.3 <i>Achieve Mathematics</i> 1.4 <i>Achieve Online (TASC)- Mathematics</i> 1.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2 <i>TASC Mathematics Exercise Book</i> 1.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 13-14, 16-17, 33, 39-41 <i>Top 50 Math Skills</i> Pg. 145, 148 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 1.5, 7.1, 13.1 <i>Number Power, Transitions Math:</i> Pg. 5-12 <i>TASC Guide</i> Pg.148-149</p>		
<p>N-RN.B.3 - Explain why the sum or product of rational numbers is rational; that the sum of a rational number and an irrational number is irrational; and that the product of a nonzero rational number and an irrational number is irrational.</p>	<p><i>Achieve Mathematics</i> 1.1 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2 <i>TASC Mathematics Exercise Book</i> 1.1 <i>TASC Guide</i> Pg.147</p>		
<p>Number and Quantity: Quantities</p>			

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<p>N-Q.A.1- Use units as a way to understand problems and to guide the solution of multi-step problems; choose and interpret units consistently in formulas; choose and interpret the scale and the origin in graphs and data displays</p>	<p><i>Basics Mathematics</i> 7.2, 7.3 <i>Achieve Mathematics</i> 2.1, 7.1, 7.2, 7.3, 7.4, 8.2 <i>Achieve Online (TASC)- Mathematics</i> 7.1, 7.2, 7.3, 7.4, 8.2 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2 <i>TASC Mathematics Exercise Book</i> 2.1, 7.1, 7.4, 8.2, Pg.89-92 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 76-81 <i>Top 50 Math Skills</i> Pg. 34-37, 40-41, 138-139 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 1.4 <i>Number Power, Transitions Math:</i> Pg. 44-45, 87-91 <i>TASC Guide</i> Pg.150-152</p>		
<p>N-Q.A.2- Define appropriate quantities for the purpose of descriptive modeling.</p>	<p><i>Basics Mathematics</i> 11.1, 11.2 <i>Achieve Mathematics</i> Pg. 65, 161, 275 <i>Achieve Online (TASC)- Mathematics</i> 8.2 <i>TASC Test Math Supplement</i> Pg. 6-21 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.2 <i>TASC Mathematics Exercise Book</i> 8.2 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 147-149 <i>Top 50 Math Skills</i> Pg. 44-45 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 9.1 <i>Number Power, Geometry</i> Pg. 64, 66, 92, 116 <i>TASC Guide</i> Pg.150-152</p>		
<p>N-Q.A.3- Choose a level of accuracy appropriate to limitations on measurement when reporting quantities.</p>	<p><i>Basics Mathematics</i> 1.1, 4.1 <i>Achieve Mathematics</i> 1.1 <i>TASC Mathematics Exercise Book</i> 1.1 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.68-73 <i>Top 50 Math Skills</i> Pg. 146-147 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 4.1, 4.1, 4.3, 4.4 <i>Number Power, Geometry</i> Pg. 150-151 <i>TASC Guide</i> Pg.151-152</p>		
Number and Quantity: The Complex Number System			
<p>N-CN.A.1- Know there is a complex number i such that $i^2 = -1$, and every complex number has the form $a + bi$ with a and b real.</p>	<p><i>Achieve Online (TASC)- Mathematics</i> 4.3 <i>TASC Test Math Supplement</i> Pg. 1-5 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.1 <i>TASC Guide</i> Pg.152-153</p>		
<p>N-CN.A.2- Use the relation $i^2 = -1$ and the commutative, associative, and distributive properties to add, subtract, and multiply complex numbers.</p>	<p><i>Achieve Online (TASC)- Mathematics</i> 4.3 <i>TASC Test Math Supplement</i> Pg. 1-5 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 1.1 <i>TASC Guide</i> Pg.153-154</p>		
<p>N-CN.C.7- Solve quadratic equations with real coefficients that have complex solutions.</p>	<p><i>Achieve Mathematics</i> 4.3 <i>Achieve Online (TASC)- Mathematics</i> 4.3 <i>TASC Test Math Supplement</i> Pg. 1-5 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 4.3</p>		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
Algebra: Seeing Structure in Expressions			
A-SSE.A.1 - Interpret expressions that represent a quantity in terms of its context.	<i>Basics Mathematics</i> 5.1 <i>Achieve Mathematics</i> 3.1, 4.1, 4.2, 5.1 <i>Achieve Online (TASC)- Mathematics</i> 3.1, 4.2, 5.1 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.4 <i>TASC Mathematics Exercise Book</i> 3.1, 4.1, 4.2, 5.1 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.27, 114-115 <i>Top 50 Math Skills</i> Pg.96-97 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 14.2, 15.1 <i>Number Power, Transitions Math:</i> Pg.15 <i>TASC Guide</i> Pg.160		
A-SSE.A.2- Use the structure of an expression to identify ways to rewrite it. For example, see $x^4 - y^4$ as $(x^2)^2 - (y^2)^2$, thus recognizing it as a difference of squares that can be factored as $(x^2 - y^2)(x^2 + y^2)$	<i>Basics Mathematics</i> 8.1 <i>Achieve Mathematics</i> 4.1, 4.2 <i>Achieve Online (TASC)- Mathematics</i> 3.1, 4.1, 4.2, 4.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3, 2.4 <i>TASC Mathematics Exercise Book</i> 4.1, 4.2 <i>Top 50 Math Skills</i> Pg. 100-102 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 13.5 <i>Number Power, Transitions Math:</i> Pg. 17-24, 156-162 <i>Number Power, Algebra</i> Pg.154-155 <i>TASC Guide</i> Pg.155-157		
A-SSE.A.3 - Choose and produce an equivalent form of an expression to reveal and explain properties of the quantity represented by the expression.	<i>Basics Mathematics</i> 8.1 <i>Achieve Mathematics</i> 3.1, 4.1, 4.2, 4.4 <i>Achieve Online (TASC)- Mathematics</i> 4.1, 4.2, 4.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.4, 3.2 <i>TASC Mathematics Exercise Book</i> 3.1, 4.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.116 <i>Top 50 Math Skills</i> Pg. 100-102 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 13.4, 13.5 <i>Number Power, Transitions Math:</i> Pg. 16, 153-155, 163-168 <i>Number Power, Algebra</i> Pg. 156-163 <i>TASC Guide</i> Pg.155-157		
Algebra: Arithmetic with Polynomials and Rational Expressions			
A-APR.A.1 - Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.	<i>Achieve Mathematics</i> 4.1, 4.2 <i>Achieve Online (TASC)- Mathematics</i> 4.1, 4.2, 4.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.1 <i>TASC Mathematics Exercise Book</i> 4.1, 4.2 <i>Number Power, Transitions Math:</i> Pg. 18-19 <i>Number Power, Algebra</i> Pg.136-151 <i>TASC Guide</i> Pg.157-159		

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<p>A-APR.B.3 - Identify zeroes of polynomials when suitable factorizations are available, and use the zeroes to construct a rough graph of the function defined by the polynomial.</p>	<p><i>Basics Mathematics</i> 5.5, 6.5 <i>Achieve Mathematics</i> Pg. 125 <i>Achieve Online (TASC)- Mathematics</i> 4.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 2.3, 3.2 TASC <i>Mathematics Exercise Book</i> Pg.77-78 <i>Top 50 Math Skills</i> Pg.102-103</p>		
<p>A-APR.D.6- Rewrite simple rational expressions in different forms; write $a(x) \div b(x)$ in the form $q(x) + r(x) \div b(x)$, where $a(x)$, $b(x)$, $q(x)$, and $r(x)$ are polynomials with the degree of $r(x)$ less than the degree of $b(x)$, using inspection, long division, or, for the more complicated examples, a computer algebra system</p>	<p><i>Achieve Mathematics</i> 4.4 TASC <i>Mathematics Exercise Book</i> 4.4 TASC <i>Guide</i> Pg.159-160</p>		
<p>Algebra: Creating Equations</p>			
<p>A-CED.A.1 - Create equations and inequalities in one variable and use them to solve problems. Include equations arising from linear and quadratic functions, and simple rational and exponential functions.</p>	<p><i>Basics Mathematics</i> 5.2, 5.3, 5.4 <i>Achieve Mathematics</i> 3.2, 3.3, 3.4, 4.3 <i>Achieve Online (TASC)- Mathematics</i> 3.2, 3.3, 3.4, 4.3 <i>TASC Test Math Supplement</i> Pg.32-33 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.2, 2.3 <i>TASC Mathematics Exercise Book</i> 3.2, 3.3, 3.4, 4.3 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.117-127 <i>Top 50 Math Skills</i> Pg. 98-99 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 13.2, 13.3, 14.3 <i>Number Power, Transitions Math:</i> Pg. 42-51, 59-64 <i>TASC Guide</i> Pg.160-161, 163</p>		
<p>A-CED.A.2 – Create equations in two or more variables to represent relationships between quantities; graph equations on coordinate axes with labels and scales.</p>	<p><i>Basics Mathematics</i> 6.1, 6.2 <i>Achieve Mathematics</i> 5.2, 5.3 <i>Achieve Online (TASC)- Mathematics</i> 5.2, 5.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.2, 2.3, 4.3 <i>TASC Mathematics Exercise Book</i> 5.2, 5.3 <i>Top 50 Math Skills</i> Pg. 108-109 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 14.4 <i>Number Power, Transitions Math:</i> Pg. 56-58, 65-68 <i>Number Power, Algebra</i> Pg.120-123 <i>TASC Guide</i> Pg.161-163</p>		
<p>A-CED.A.3 – Represent constraints by equations or inequalities, and by systems of equations and/or inequalities, and interpret solutions as viable or non-viable options in a modeling context. For example, represent inequalities describing nutritional and cost constraints on combinations of different foods.</p>	<p><i>Basics Mathematics</i> 6.3 <i>Achieve Mathematics</i> 3.3, 3.4, 5.4 <i>Achieve Online (TASC)- Mathematics</i> 3.4, 5.3, 5.4 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 2.2, 2.3 TASC <i>Mathematics Exercise Book</i> 3.3, 3.4, 5.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.24 <i>Top 50 Math Skills</i> Pg.104-105 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 15.2 <i>Number Power, Transitions Math:</i> Pg.83-84, 105-106</p>		

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<p>A-CED.A.4 - Rearrange formulas to highlight a quantity of interest, using the same reasoning as in solving equations. For example, rearrange Ohm's law $V = IR$ to highlight resistance R.</p>	<p><i>Basics Mathematics</i> 12.5, 12.6 <i>Achieve Mathematics</i> Pg.231 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.2 <i>TASC Mathematics Exercise Book</i> 5.3, 7.1, 7.2 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.125 <i>Top 50 Math Skills</i> Pg.110-111 <i>Number Power, Transitions Math:</i> Pg.56-58 <i>Number Power, Algebra</i> Pg.86-87 <i>TASC Guide</i> Pg.162</p>		
Algebra: Reasoning with Equations and Inequalities			
<p>A-REI.A.1 - Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.</p>	<p><i>Basics Mathematics</i> 5.2 <i>Achieve Mathematics</i> 3.2 <i>Achieve Online (TASC)- Mathematics</i> 3.2, 4.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 3.2 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.121, 123 <i>Top 50 Math Skills</i> Pg.94-95, 106-107 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 13.2 <i>Number Power, Transitions Math:</i> Pg.38-39 <i>TASC Guide</i> Pg.164-165</p>		
<p>A-REI.B.3 - Solve linear equations and inequalities in one variable, including equations with coefficients represented by letters.</p>	<p><i>Basics Mathematics</i> 5.3, 5.4, 6.1 <i>Achieve Mathematics</i> 3.2, 3.3, 3.4 <i>Achieve Online (TASC)- Mathematics</i> 3.2, 3.3, 3.4, 5.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 3.2, 3.3, 3.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.121-127 <i>Top 50 Math Skills</i> Pg.118-123, 126-127 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 14.3, 14.4 <i>TASC Guide</i> Pg.164-165</p>		
<p>A-REI.B.4 - Solve quadratic equations in one variable.</p>	<p><i>Basics Mathematics</i> 12.5 <i>Achieve Mathematics</i> 4.3 <i>Achieve Online (TASC)- Mathematics</i> 4.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 4.3 <i>Number Power, Transitions Math:</i> Pg.139-155, 163-180 <i>Number Power, Algebra</i> Pg.102-109 <i>TASC Guide</i> Pg.165</p>		
<p>A-REI.C.6 - Solve systems of linear equations exactly and approximately (e.g., with graphs), focusing on pairs of linear equations in two variables</p>	<p><i>Achieve Mathematics</i> 5.4 <i>Achieve Online (TASC)- Mathematics</i> 5.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 5.4 <i>Number Power, Transitions Math</i> Pg.99-109: <i>TASC Guide</i> Pg.166, 168-169</p>		

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<p>A-REI.D.10 - Understand that the graph of an equation in two variables is the set of all its solutions plotted in the coordinate plane, often forming a curve (which could be a line).</p>	<p><i>Basics Mathematics</i> 6.2 <i>Achieve Mathematics</i> 5.1, 5.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>TASC Mathematics Exercise Book</i> 5.1, 5.3 <i>Top 50 Math Skills</i> Pg.108-109 <i>Number Power, Transitions Math: Pg.65-68</i> <i>TASC Guide</i> Pg.166</p>		
<p>A-REI.D.12 - Graph the solutions to a linear inequality in two variables as a half-plane (excluding the boundary in the case of a strict inequality), and graph the solution set to a system of linear inequalities in two variables as the intersection of the corresponding half-planes.</p>	<p><i>Achieve Online (TASC)- Mathematics</i> 5.4 <i>TASC Test Math Supplement</i> Pg.32-33 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 2.3 <i>Number Power, Transitions Math: Pg.211-213</i> <i>TASC Guide</i> Pg.167</p>		
<p>Functions: Interpreting Functions</p>			
<p>F-IF.A.1 - Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If f is a function and x is an element of its domain, then $f(x)$ denotes the output of f corresponding to the input x. The graph of f is the graph of the equation $y = f(x)$</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 6.1 <i>Achieve Online (TASC)- Mathematics</i> 6.1 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 3.2 <i>TASC Mathematics Exercise Book</i> 6.1 <i>Achieving TABE Success in Mathematics Level A: Pg.112</i> <i>Top 50 Math Skills</i> Pg.112-113 <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 14.1</i> <i>Number Power, Transitions Math: Pg. 204-210, 221-223, 225</i> <i>TASC Guide</i> Pg.169-170</p>		
<p>F-IF.A.2 – Use function notations, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 6.1, 6.2 <i>Achieve Online (TASC)- Mathematics</i> 6.1, 6.2 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 3.2 <i>TASC Mathematics Exercise Book</i> 6.1, 6.2 <i>Number Power, Transitions Math: Pg. 205-206</i> <i>TASC Guide</i> Pg.170</p>		
<p>F-IF.B.4 - For a function that models a relationship between two quantities, interpret key features of graphs and tables in terms of the quantities, and sketch graphs showing key features given a verbal description of the relationship. Key features include: intercepts; intervals where the function is increasing, decreasing, positive, or negative; relative maximums and minimums; symmetries; end behavior; and periodicity</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 6.1, 6.3 <i>Achieve Online (TASC)- Mathematics</i> 6.1, 6.2, 6.3, 6.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 3.2, 3.3 <i>TASC Mathematics Exercise Book</i> 6.1, 6.3 <i>Achieving TABE Success in Mathematics Level A: Pg.112</i> <i>Number Power, Transitions Math: Pg. 207-208</i> <i>TASC Guide</i> Pg.170-172</p>		

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<p>F-IF.B.5 - Relate the domain of a function to its graph and, where applicable, to the quantitative relationship it describes. For example, if the function $h(n)$ gives the number of person-hours it takes to assemble n engines in a factory, then the positive integers would be an appropriate domain for the function.</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 6.1 <i>Achieve Online (TASC)- Mathematics</i> 6.1, 6.2 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 3.2 TASC <i>Mathematics Exercise Book</i> 6.1 <i>Number Power, Transitions Math: Pg.206, 208</i> <i>TASC Guide Pg.171</i></p>		
<p>F-IF.B.6 - Calculate and interpret the average rate of change of a function (presented symbolically or as a table) over a specified interval. Estimate the rate of change from a graph.</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics Pg.192-195, 205 Achieve Online (TASC)- Mathematics</i> 6.2, 6.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 3.2 TASC <i>Mathematics Exercise Book</i> 6.2, 6.3 <i>Top 50 Math Skills Pg.112-113</i> <i>TASC Guide Pg.170, 172</i></p>		
<p>F-IF.C.7 - Graph functions expressed symbolically and show key features of the graph, by hand in simple cases and using technology for more complicated cases.</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 5.3, 6.3 <i>Achieve Online (TASC)- Mathematics</i> 5.3, 6.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 3.3 TASC <i>Mathematics Exercise Book</i> 5.3, 6.3 <i>Number Power, Transitions Math: Pg.181-189, 195-208</i></p>		
<p>F-IF.C.8 - Write a function defined by an expression in different but equivalent forms to reveal and explain different properties of the function.</p>	<p><i>Achieve Mathematics</i> 6.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 2.4, 3.2, 3.3 <i>TASC Mathematics Exercise Book</i> 6.3 <i>Top 50 Math Skills Pg.112-113</i> <i>TASC Guide Pg.174</i></p>		
<p>F-IF.C.9 - Compare properties of two functions each represented in a different way (algebraically, graphically, numerically in tables, or by verbal descriptions). For example, given a graph of one G-quadratic function and an algebraic expression for another, say which has the larger maximum</p>	<p><i>Achieve Mathematics</i> 6.4 <i>Achieve Online (TASC)- Mathematics</i> 6.4 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 3.3 TASC <i>Mathematics Exercise Book</i> 6.4</p>		
<p>Functions: Building Functions</p>			
<p>F-BF.A.1- Write a function that describes a relationship between two quantities.</p>	<p><i>Basics Mathematics</i> 6.5 <i>Achieve Mathematics</i> 6.1 <i>Achieve Online (TASC)- Mathematics</i> 6.1 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 3.3 TASC <i>Mathematics Exercise Book</i> 6.1 <i>Achieving TABE Success in Mathematics Level A: Pg.112</i> <i>Top 50 Math Skills Pg.112-113</i> <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 14.1</i> <i>Number Power, Transitions Math: Pg. 204-205</i> <i>TASC Guide Pg.174-175</i></p>		

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F-BF.A.2- Write arithmetic and geometric sequences both recursively and with an explicit formula, use them to model situations, and translate between the two forms.	<i>Achieve Online (TASC)- Mathematics 6.1</i> <i>TASC Test Math Supplement Pg.24-27</i> <i>Achieving TABE Success in Mathematics Level A: Pg.110</i> <i>Top 50 Math Skills Pg.102-103</i> <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 14.1</i> <i>TASC Guide Pg.173</i>		
F.BF.B.3 Identify the effect on the graph of replacing $f(x)$ by $f(x) + k$, $f(x)$, $f(kx)$, and $f(x + k)$ for specific values of k (both positive and negative); find the value of k given the graphs. Experiment with cases and illustrate an explanation of the effects on the graph using technology. Include recognizing even and odd functions from their graphs and algebraic expressions for them.	<i>TASC Test Math Supplement Pg.36</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.1</i>		
F-BF.B.4- Find inverse functions.	<i>Achieve Online (TASC)- Mathematics 6.1</i> <i>TASC Test Math Supplement Pg.24</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.1</i> <i>TASC Guide Pg.174-175</i>		
Functions: Linear, Quadratic, and Exponential Models			
F-LE.A.1 - Distinguish between situations that can be modeled with linear functions and with exponential functions.	<i>TASC Test Math Supplement Pg.28-29</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.3</i> <i>TASC Guide Pg.175-177</i>		
F-LE.A.2 - Construct linear and exponential functions, including arithmetic and geometric sequences, given a graph, a description of a relationship, or two input-output pairs (include reading these from a table).	<i>Achieve Mathematics 6.1, 6.4</i> <i>TASC Test Math Supplement Pg.28-29</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.1</i> <i>TASC Mathematics Exercise Book 6.1, 6.4</i> <i>Number Power, Transitions Math: Pg.69-82, 93-98</i> <i>TASC Guide Pg.176</i>		
F-LE.A.3 - Observe using graphs and tables that a quantity increasing exponentially eventually exceeds a quantity increasing linearly, quadratically, or (more generally) as a polynomial function.	<i>TASC Test Math Supplement Pg. 22-38</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.3, 3.4</i>		
F-LE.B.5 - Interpret the parameters in a linear, quadratic, or exponential function in terms of a context.	<i>TASC Test Math Supplement Pg. 22-38</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 2.2, 3.2</i> <i>TASC Guide Pg.176</i>		
Functions: Trigonometric Functions			
F.TF.A.1 Understand radian measure of an angle as the length of the arc on the unit circle subtended by the angle.	<i>TASC Test Math Supplement Pg.66-80</i> <i>Learn Smart Achieve Adaptive TASC Mathematics 3.4</i> <i>TASC Mathematics Exercise Book Pg. 260</i> <i>Achieving TABE Success in Mathematics Level A: Pg.131</i> <i>Top 50 Math Skills Pg.56</i> <i>TASC Guide Pg.178</i>		
F.TF.A.2 Explain how the unit circle in the coordinate plane enables the extension of trigonometric functions to all real numbers, interpreted as radian measures of angles traversed counterclockwise around the unit circle.	<i>TASC Test Math Supplement Pg.66-80</i> <i>Top 50 Math Skills Pg.56</i> <i>TASC Guide Pg.178-179</i>		

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F.TF.B.5 Choose trigonometric functions to model periodic phenomena with specified amplitude, frequency, and midline.	<i>TASC Test Math Supplement</i> Pg.66-80 <i>TASC Guide</i> Pg.180		
F.TF.C.8 Prove the Pythagorean identity $\sin^2(\theta) + \cos^2(\theta) = 1$ and use it to find $\sin(\theta)$, $\cos(\theta)$, or $\tan(\theta)$ given $\sin(\theta)$, $\cos(\theta)$, or $\tan(\theta)$ and the quadrant of the angle.	<i>Basics Mathematics</i> 12.5 <i>Achieve Mathematics</i> Pg. 223-224 <i>Achieve Online (TASC)- Mathematics 7.1 TASC Test Math Supplement</i> Pg.53-65 <i>TASC Mathematics Exercise Book</i> Pg. 144-146, 259 <i>Top 50 Math Skills</i> Pg. 60-61 <i>Number Power, Transitions Math:</i> Pg. 90-92, 214-220 <i>TASC Guide</i> Pg.179-180		
Geometry: Congruence			
G.CO.A.2 Represent transformations in the plane using, e.g., transparencies and geometry software; describe transformations as functions that take points in the plane as inputs and give other points as outputs. Compare transformations that preserve distance and angle to those that do not (e.g., translation versus horizontal stretch).	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.141-142 <i>Number Power, Transitions Math:</i> Pg. 190-194 <i>Number Power, Geometry</i> Pg.177-178 <i>TASC Guide</i> Pg.182-184		
G.CO.A.3 Given a rectangle, parallelogram, trapezoid, or regular polygon, describe the rotations and reflections that carry it onto itself.	<i>Achieve Mathematics</i> Pg.200 <i>Achieve Online (TASC)- Mathematics</i> 6.3 <i>TASC Test Math Supplement</i> Pg. 39-52 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 4.2 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.141-143 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 10.3 <i>Number Power, Transitions Math:</i> Pg.190-191 <i>Number Power, Geometry</i> Pg.164-165, 178 <i>TASC Guide</i> Pg.185-186		
G.CO.A.4 Develop definitions of rotations, reflections, and translations in terms of angles, circles, perpendicular lines, parallel lines, and line segments.	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.141 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 10.1, 10.2 <i>Number Power, Transitions Math:</i> Pg.193 <i>Number Power, Geometry</i> Pg.164 <i>TASC Guide</i> Pg.182		
G.CO.A.5 Given a geometric figure and a rotation, reflection, or translation, draw the transformed figure using, e.g., graph paper, tracing paper, or geometry software. Specify a sequence of transformations that will carry a given figure onto another.	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Number Power, Transitions Math:</i> Pg.192 <i>Number Power, Geometry</i> Pg.178		
G.CO.B.6 Use geometric descriptions of rigid motions to transform figures and to predict the effect of a given rigid motion on a given figure; given two figures, use the definition of congruence in terms of rigid motions to decide if they are congruent.	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 4.2 <i>TASC Guide</i> Pg. 185-186		
G.CO.B.7 Use the definition of congruence in terms of rigid motions to show that two triangles are congruent if and only if corresponding pairs of sides and corresponding pairs of angles are congruent.	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 4.2 <i>TASC Guide</i> Pg. 182		

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G.CO.B.8 Explain how the criteria for triangle congruence (ASA, SAS, and SSS) follow from the definition of congruence in terms of rigid motions.	<i>TASC Test Math Supplement</i> Pg. 39-52 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.2</i> <i>Number Power, Transitions Math: Pg.130</i>		
G.CO.C.9 Prove theorems about lines and angles. Theorems include: vertical angles are congruent; when a transversal crosses parallel lines, alternate interior angles are congruent and corresponding angles are congruent; points on a perpendicular bisector of a line segment are exactly those equidistant from the segment’s endpoints.	<i>Basics Mathematics</i> Pg. 326-327 <i>TASC Test Math Supplement</i> Pg. 39-52 <i>Achieving TABE Success in Mathematics Level A: Pg.132-135</i> <i>Top 50 Math Skills</i> Pg. 56-57, 59 <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 10.2</i> <i>Number Power, Transitions Math: Pg. 83-86</i> <i>TASC Guide</i> Pg. 184		
G.CO.C.10 Prove theorems about triangles. Theorems include: measures of interior angles of a triangle sum to 180°; base angles of isosceles triangles are congruent; the segment joining midpoints of two sides of a triangle is parallel to the third side and half the length; the medians of a triangle meet at a point.	<i>Basics Mathematics</i> Pg. 327-328 <i>TASC Test Math Supplement</i> Pg. 39-65 <i>Achieving TABE Success in Mathematics Level A: Pg.138</i> <i>Top 50 Math Skills</i> Pg. 58-59 <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 10.4</i> <i>Number Power, Transitions Math: Pg. 44-45</i> <i>Number Power, Geometry</i> Pg.36-39 <i>TASC Guide</i> Pg. 182		
G.CO.C.11 Prove theorems about parallelograms. Theorems include: opposite sides are congruent, opposite angles are congruent, the diagonals of a parallelogram bisect each other, and conversely, rectangles are parallelograms with congruent diagonals.	<i>Basics Mathematics</i> Pg. 328 <i>Achieve Mathematics</i> Pg. 224 <i>TASC Test Math Supplement</i> Pg. 39-52 <i>Achieving TABE Success in Mathematics Level A: Pg. 137</i> <i>Instruction Targeted for TABE Success, Level A, Mathematics: Lesson 10.3</i> <i>TASC Guide</i> Pg. 181, 185		
G.CO.D.12 Make formal geometric constructions with a variety of tools and methods (compass and straightedge, string, reflective devices, paper folding, dynamic geometric software, etc.). Copying a segment; bisecting an angle; bisecting a segment; bisecting an angle; constructing perpendicular lines, including the perpendicular bisector of a line segment; and constructing a line parallel to a given line through a point not on the line.	<i>Basics Mathematics</i> Pg. 327, 340-341 <i>TASC Test Math Supplement</i> Pg. 39-52 <i>Achieving TABE Success in Mathematics Level A: Pg.140</i> <i>Number Power, Transitions Math: Pg.91, 185</i> <i>Number Power, Geometry</i> Pg.17-21		
G.CO.D.13 Construct an equilateral triangle, a square, and a regular hexagon inscribed in a circle.	<i>TASC Test Math Supplement</i> Pg. 66-81		
Geometry: Similarity, Right Triangles, and Trigonometry			
G.SRT.A.1 Verify experimentally the properties of dilations given by a center and a scale factor.	<i>TASC Test Math Supplement</i> Pg. 53-65 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.6</i> <i>TASC Guide</i> Pg.186-187		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
G.SRT.A.3 Use the properties of similarity transformations to establish the AA criterion for two triangles to be similar.	<i>Achieve Mathematics</i> Pg. 51 <i>Achieve Online (TASC)- Mathematics 2.1</i> <i>TASC Test Math Supplement</i> Pg. 53-65 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.6</i> <i>Top 50 Math Skills</i> Pg. 50-51 <i>Number Power, Transitions Math:</i> Pg.130-132, 216 <i>Number Power, Geometry</i> Pg.44-51 <i>TASC Guide</i> Pg.187		
G.SRT.B.4 Prove theorems about triangles. Theorems include: a line parallel to one side of a triangle divides the other two proportionally, and conversely; the Pythagorean Theorem proved using triangle similarity.	<i>Basics Mathematics</i> Pg. 353 <i>TASC Test Math Supplement</i> Pg. 53-65 <i>Achieving TABE Success in Mathematics Level A:</i> Pg.139 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 10.4 <i>Number Power, Transitions Math:</i> Pg.131-132, 216 <i>Number Power, Geometry</i> Pg.45, 47-49 <i>TASC Guide</i> Pg.188		
G.SRT.B.5 Use congruence and similarity criteria for triangles to solve problems and to prove relationships in geometric figures.	<i>Achieve Mathematics</i> Pg.51, 53 <i>Achieve Online (TASC)- Mathematics 2.1</i> <i>TASC Test Math Supplement</i> Pg. 53-65 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.6</i> <i>Top 50 Math Skills</i> Pg. 50-51 <i>Number Power, Transitions Math:</i> Pg.130-132 <i>Number Power, Geometry</i> Pg.48-51, 166-167 <i>TASC Guide</i> Pg.188		
G.SRT.C.6 Understand that by similarity, side ratios in right triangles are properties of the angles in the triangle, leading to definitions of trigonometric ratios for acute angles.	<i>TASC Test Math Supplement</i> Pg. 53-65 <i>Learn Smart Achieve Adaptive TASC Mathematics 3.4</i> <i>Number Power, Transitions Math:</i> Pg.130, 214, 216 <i>Number Power, Geometry</i> Pg.170-171 <i>TASC Guide</i> Pg.187		
G.SRT.C.7 Explain and use the relationship between the sine and cosine of complementary angles.	<i>TASC Test Math Supplement</i> Pg. 53-65 <i>Number Power, Transitions Math:</i> Pg.216 <i>Number Power, Geometry</i> Pg.170 <i>TASC Guide</i> Pg.188		
G.SRT.C.8 Use trigonometric ratios and the Pythagorean Theorem to solve right triangles in applied problems.	<i>Achieve Mathematics</i> Pg. 223-224 <i>TASC Test Math Supplement</i> Pg. 53-65 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.6</i> <i>TASC Mathematics Exercise Book</i> Pg.144-146 <i>Number Power, Transitions Math:</i> Pg.219-220 <i>Number Power, Algebra</i> Pg.188-193 <i>Number Power, Geometry</i> Pg.162-163, 170-174		
Geometry: Circles			
G.C.A.1 Prove that all circles are similar.	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>Number Power, Transitions Math:</i> Pg. 195 <i>Number Power, Geometry</i> Pg. 12 <i>TASC Guide</i> Pg.189		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
G.C.A.2 Identify and describe relationships among inscribed angles, radii, and chords. Include the relationship between central, inscribed, and circumscribed angles; inscribed angles on a diameter are right angles; the radius of a circle is perpendicular to the tangent where the radius intersects the circle	<i>Basics Mathematics</i> Pg.330 <i>TASC Test Math Supplement</i> Pg. 66-80 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.1</i> <i>Number Power, Geometry</i> Pg. 160-161 <i>TASC Guide</i> Pg.189-192		
G.C.A.3 Construct the inscribed and circumscribed circles of a triangle, and prove properties of angles for a quadrilateral inscribed in a circle.	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>TASC Guide</i> Pg.190		
G.C.B.5 Derive using similarity the fact that the length of the arc intercepted by an angle is proportional to the radius, and define the radian measure of the angle as the constant of proportionality; derive the formula for the area of a sector.	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.1</i> <i>Number Power, Geometry</i> Pg. 160-161 <i>TASC Guide</i> Pg.191		
Geometry: Expressing Geometric Properties with Equations			
G.GPE.A.1 Derive the equation of a circle of given center and radius using the Pythagorean Theorem; complete the square to find the center and radius of a circle given by an equation.	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>Number Power, Transitions Math:</i> Pg.195-197 <i>TASC Guide</i> Pg.192-193		
G.GPE.A.2 Derive the equation of a parabola given a focus and directrix .	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>Number Power, Transitions Math:</i> Pg.181-185 <i>TASC Guide</i> Pg.194-195		
G.GPE.B.4 Use coordinates to prove simple geometric theorems algebraically. For example, prove or disprove that a figure defined by four given points in the coordinate plane is a rectangle; prove or disprove that the point $(1, \sqrt{3})$ lies on the circle centered at the origin and containing the point $(0, 2)$.	<i>TASC Test Math Supplement</i> Pg. 66-80 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.3</i> <i>TASC Guide</i> Pg.193		
G-GPE.B.5 - Prove the slope criteria for parallel and perpendicular lines and use them to solve geometric problems (e.g., find the equation of a line parallel or perpendicular to a given line that passes through a given point).	<i>Achieve Mathematics</i> Pg. 153, 155 <i>Achieve Online (TASC)- Mathematics 5.3 TASC Test Math Supplement</i> Pg. 30-31 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.3</i> <i>Number Power, Transitions Math:</i> Pg. 83-86 <i>TASC Guide</i> Pg.195		
G-GPE.B.6 - Find the point on a directed line segment between two given points that partitions the segment in a given ratio.	<i>Achieve Online (TASC)- Mathematics 5.1</i> <i>TASC Test Math Supplement</i> Pg. 56 <i>Number Power, Transitions Math:</i> Pg. 87-88		
G-GPE.B.7 - Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula.	<i>Achieve Mathematics</i> Pg. 140 <i>Achieve Online (TASC)- Mathematics 7.1</i> <i>TASC Test Math Supplement</i> Pg. 55 <i>Learn Smart Achieve Adaptive TASC Mathematics 4.3</i> <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 10.5 <i>Number Power, Transitions Math:</i> Pg. 89-92 <i>TASC Guide</i> Pg.193		
Geometry: Geometric Measurement with Dimension			

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
G-GMD.A.3 - Use volume formulas for cylinders, pyramids, cones, and spheres to solve problems.	<i>Basics Mathematics</i> 12.6, 12.7 <i>Achieve Mathematics</i> 7.3, 7.4 <i>Achieve Online (TASC)- Mathematics</i> 7.3, 7.4 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 4.4 TASC <i>Mathematics Exercise Book</i> 7.3, 7.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 156-157 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 9.4 <i>Number Power, Geometry</i> Pg. 120-127, 129-130, 149, 153 <i>TASC Guide</i> Pg.197-198		
G-GMD.B.4 - Identify the shapes of two-dimensional cross-sections of three-dimensional objects, and identify three-dimensional objects generated by rotations of two-dimensional objects.	<i>Achieve Mathematics</i> 7.3 <i>Achieve Online (TASC)- Mathematics</i> 7.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 4.4 TASC <i>Mathematics Exercise Book</i> Pg.160, 167-168 TASC <i>Guide</i> Pg.196-197		
Geometry: Modeling with Geometry			
G-MG.A.2 - Apply concepts of density based on area and volume in modeling situations (e.g., persons per square mile, BTUs per cubic foot).	<i>Achieve Mathematics</i> Pg. 226-227, 240-246, 248-251 <i>Achieve Online (TASC)- Mathematics</i> 7.1, 7.3 <i>TASC Test Math Supplement</i> Pg. 17-18 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 4.5 <i>TASC Mathematics Exercise Book</i> Pg.156-157, 160 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 158-159 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 9.3, 9.4 <i>Number Power, Geometry</i> Pg. 122-123, 129, 152-155 <i>TASC Guide</i> Pg.199-200		
Statistics and Probability: Interpreting Categorical and Quantitative Data			
S-ID.A.1- Represent data with plots on the real number line (dot plots, histograms, and box plots).	<i>Basics Mathematics</i> 6.4, 9.3; Pg. 280 <i>Achieve Mathematics</i> 8.3 <i>Achieve Online (TASC)- Mathematics</i> 8.3 <i>Learn Smart</i> <i>Achieve Adaptive TASC Mathematics</i> 5.2 TASC <i>Mathematics Exercise Book</i> 8.3 <i>Top 50 Math Skills</i> Pg.70 <i>Number Power, Analyzing Data:</i> Pg. 47-61 <i>TASC Guide</i> Pg.200-201		
S-ID.A.2- Use statistics appropriate to the shape of the data distribution to compare center (median, mean) and spread (interquartile range, standard deviation) of two or more different data sets.	<i>Basics Mathematics</i> 9.1 <i>Achieve Mathematics</i> Pg. 254-257, 271, 274-275 <i>Achieve Online (TASC)- Mathematics</i> 8.1, 8.3 <i>TASC Test Math Supplement</i> Pg. 6-16 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.2 <i>TASC Mathematics Exercise Book</i> 8.1, 8.3 <i>Top 50 Math Skills</i> Pg.74-75 <i>TASC Guide</i> Pg.201-202		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
S-ID.A.3- Interpret differences in shape, center, and spread in the context of the data sets, accounting for possible effects of extreme data points (outliers).	<i>Basics Mathematics</i> 6.4, 9.3 <i>Achieve Mathematics</i> 8.3 <i>Achieve Online (TASC)- Mathematics</i> 8.3 <i>TASC Test Math Supplement</i> Pg. 6-16 <i>TASC Mathematics Exercise Book</i> 8.3 <i>TASC Guide</i> Pg.202-203		
S-ID.A.4- Use the mean and standard deviation of a data set to fit it to a normal distribution and to estimate population percentages. Recognize that there are data sets for which such a procedure is not appropriate. Use calculators, spreadsheets, and tables to estimate areas under the normal curve.	<i>Achieve Online (TASC)- Mathematics</i> 8.1 <i>TASC Test Math Supplement</i> Pg. 6-16 <i>TASC Guide</i> Pg.202-203		
S-ID.B.5- Summarize categorical data for two categories in two-way frequency tables. Interpret relative frequencies in the context of the data (including joint, marginal, and conditional relative frequencies). Recognize possible associations and trends in the data	<i>Achieve Mathematics</i> Pg. 278-279 <i>Achieve Online (TASC)- Mathematics</i> 8.2, 8.4 <i>TASC Test Math Supplement</i> Pg. 17-18 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.2 <i>TASC Mathematics Exercise Book</i> 8.2 <i>TASC Guide</i> Pg.203-205		
S-ID.B.6- Represent data on two quantitative variables on a scatter plot, and describe how the variables are related.	<i>Basics Mathematics</i> 6.4 <i>Achieve Mathematics</i> 8.4 <i>Achieve Online (TASC)- Mathematics</i> 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.2 <i>TASC Mathematics Exercise Book</i> 8.4 <i>TASC Guide</i> Pg.204		
S-ID.C.7- Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.	<i>Basics Mathematics</i> Pg. 192 <i>Achieve Mathematics</i> 5.1, 5.2, 8.4 <i>Achieve Online (TASC)- Mathematics</i> 5.1, 5.2, 8.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.3 <i>TASC Mathematics Exercise Book</i> 5.1, 5.2 <i>Top 50 Math Skills</i> Pg. 69, 76-77		
S.ID.C.8 Compute (using technology) and interpret the correlation coefficient of a linear fit	<i>TASC Test Math Supplement</i> Pg. 13-14		
S.ID.C.9 Distinguish between correlation and causation.	<i>Basics Mathematics</i> Pg. 192-195 <i>Achieve Mathematics</i> Pg. 281 <i>Achieve Online (TASC)- Mathematics</i> 8.4 <i>TASC Test Math Supplement</i> Pg. 13-14 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.3 <i>Number Power, Analyzing Data:</i> Pg. 119-123 <i>TASC Guide</i> Pg.204		
Statistics and Probability: Using Probability to Make Decisions			
S-MD.4 Develop a probability distribution for a random variable defined for a sample space in which probabilities are assigned empirically; find the expected value.	<i>Achieve Mathematics</i> Pg. 72-73 <i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>TASC Test Math Supplement</i> Pg. 6-8 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.3 <i>TASC Mathematics Exercise Book</i> 2.4		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
S-MD.5 Weigh the possible outcomes of a decision by assigning probabilities to payoff values and finding expected values	<i>Achieve Mathematics</i> Pg. 74-75 <i>Achieve Online (TASC)- Mathematics 2.4 TASC Test Math Supplement</i> Pg. 6-8 <i>Learn Smart Achieve Adaptive TASC Mathematics 5.4 TASC Mathematics Exercise Book 2.4</i>		
S-MD.6 Use probabilities to make fair decisions (e.g., drawing by lots, using a random number generator).	<i>Basics Mathematics</i> Pg. 297 <i>Achieve Mathematics</i> Pg.74-75 <i>Achieve Online (TASC)- Mathematics 2.4 TASC Test Math Supplement</i> Pg. 6-8 <i>Learn Smart Achieve Adaptive TASC Mathematics 5.4 TASC Mathematics Exercise Book 2.4</i>		
S-MD.7 Analyze decisions and strategies using probability concepts (e.g., product testing, medical testing, pulling a hockey goalie at the end of a game).	<i>Basics Mathematics</i> Pg. 297-298 <i>Achieve Mathematics</i> Pg.72-73 <i>Achieve Online (TASC)- Mathematics 2.4 TASC Test Math Supplement</i> Pg. 6-8 <i>Learn Smart Achieve Adaptive TASC Mathematics 5.4 TASC Mathematics Exercise Book 2.4</i>		
Statistics and Probability: Making Inferences and Justifying Conclusions			
S-IC.A.1- Understand statistics as a process for making inferences about population parameters based on a random sample from that population	<i>Basics Mathematics</i> 10.1 <i>Achieve Mathematics</i> 2.4, 8.1 <i>Achieve Online (TASC)- Mathematics 2.4, 8.1 Learn Smart Achieve Adaptive TASC Mathematics 5.3 Achieving TABE Success in Mathematics Level A:</i> Pg. 98, 104 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 12.2 <i>TASC Guide</i> Pg.205-206		
S.IC.A.2 Decide if a specified model is consistent with results from a given data-generating process, e.g., using simulation. For example, a model says a spinning coin falls heads up with probability 0.5. Would a result of 5 tails in a row cause you to question the model?	<i>Basics Mathematics</i> 10.2 <i>Achieve Mathematics</i> Pg. 70-71 <i>Achieve Online (TASC)- Mathematics 2.4 TASC Test Math Supplement</i> Pg. 6-21 <i>Learn Smart Achieve Adaptive TASC Mathematics 5.3 TASC Mathematics Exercise Book 2.4 Top 50 Math Skills</i> Pg. 90-93 <i>TASC Guide</i> Pg.206-207		
S-IC.B.3- Recognize the purposes of and differences among sample surveys, experiments, and observational studies; explain how randomization relates to each.	<i>Basics Mathematics</i> Pg. 292 <i>Achieve Mathematics</i> Pg. 62, 75, 258-259 <i>Achieve Online (TASC)- Mathematics 8.1 TASC Test Math Supplement</i> Pg. 6-21 <i>Learn Smart Achieve Adaptive TASC Mathematics 5.3 TASC Mathematics Exercise Book 8.1 Achieving TABE Success in Mathematics Level A:</i> Pg.98 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 12.2 <i>Number Power, Analyzing Data:</i> 96-98, 108-111 <i>TASC Guide</i> Pg.206		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
S.IC.B.4 Use data from a sample survey to estimate a population mean or proportion; develop a margin of error through the use of simulation models for random sampling.	<i>TASC Test Math Supplement</i> Pg. 6-21 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.3 <i>Number Power, Analyzing Data:</i> Pg. 103-105 <i>TASC Guide</i> Pg.206-207		
S.IC.B.5 Use data from a randomized experiment to compare two treatments; use simulations to decide if differences between parameters are significant.	<i>TASC Test Math Supplement</i> Pg. 6-21		
S-IC.B.6- Evaluate reports based on data.	<i>Basics Mathematics</i> Pg. 297-298 <i>Achieve Mathematics</i> 8.2, 8.3 <i>Achieve Online (TASC)- Mathematics</i> 8.2, 8.3 <i>TASC Mathematics Exercise Book</i> 8.2, 8.3 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 102-107 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 11.1 <i>Number Power, Analyzing Data:</i> Pg. 130-133 <i>TASC Guide</i> Pg.206-207		
Statistics and Probability: Conditional Probability and Rules of Probability			
S-CP.A.1- Describe events as subsets of a sample space (the set of outcomes) using characteristics (or categories) of the outcomes, or as unions, intersections, or complements of other events (“or,” “and,” “not”).	<i>Basics Mathematics</i> 10.1 <i>Achieve Mathematics</i> 2.4 <i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> 2.4 <i>Achieving TABE Success in Mathematics Level A:</i> Pg. 94-95 <i>Top 50 Math Skills</i> Pg. 90-93 <i>Instruction Targeted for TABE Success, Level A, Mathematics:</i> Lesson 12.1, 12.2 <i>Number Power, Analyzing Data:</i> Pg. 86-87 <i>TASC Guide</i> Pg.208		
S-CP.A.2- Understand that two events A and B are independent if the probability of A and B occurring together is the product of their probabilities, and use this characterization to determine if they are independent.	<i>Basics Mathematics</i> 10.3 <i>Achieve Mathematics</i> 2.4 <i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> 2.4 <i>TASC Guide</i> Pg.208-209		
S-CP.A.3- Understand the conditional probability of A given B as $P(A \text{ and } B)/P(B)$, and interpret independence of A and B as saying that the conditional probability of A given B is the same as the probability of A, and the conditional probability of B given A is the same as the probability of B.	<i>Basics Mathematics</i> 10.3 <i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>TASC Test Math Supplement</i> Pg. 6 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> 2.4 <i>TASC Guide</i> Pg.207-209		
S-CP.A.4- Construct and interpret two-way frequency tables of data when two categories are associated with each object being classified. Use the two-way table as a sample space to decide if events are independent and to approximate conditional probabilities.	<i>Achieve Mathematics</i> 8.4 <i>Achieve Online (TASC)- Mathematics</i> 8.4 <i>TASC Test Math Supplement</i> Pg. 6, 15-16 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> 8.4		

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TASC™ Test Standards	McGraw-Hill Education Materials	Assigned	Completed
<p>S.CP.A.5 Recognize and explain the concepts of conditional probability and independence in everyday language and everyday situations. For example, compare the chance of having lung cancer if you are a smoker with the chance of being a smoker if you have lung cancer.</p>	<p><i>Basics Mathematics</i> 10.3 <i>Achieve Mathematics</i> Pg. 74-75 <i>TASC Test Math Supplement</i> Pg. 6 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> Pg.41 <i>TASC Guide</i> Pg.207-208</p>		
<p>S-CP.B.6- Find the conditional probability of <i>A</i> given <i>B</i> as the fraction of <i>B</i>'s outcomes that also belong to <i>A</i>, and interpret the answer in terms of the model.</p>	<p><i>Basics Mathematics</i> 10.3 <i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>TASC Test Math Supplement</i> Pg. 6 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> Pg. 41-42 <i>TASC Guide</i> Pg.210</p>		
<p>S-CP.B.7- Apply the Addition Rule, $P(A \text{ or } B) = P(A) + P(B) - P(A \text{ and } B)$, and interpret the answer in terms of the model.</p>	<p><i>Achieve Online (TASC)- Mathematics</i> 2.4 <i>TASC Test Math Supplement</i> Pg. 7-8 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Guide</i> Pg.209-210</p>		
<p>S-CP.9- Use permutations and combinations to compute probabilities of compound events and solve problems.</p>	<p><i>Basics Mathematics</i> Pg. 298 <i>Achieve Mathematics</i> 2.3 <i>Achieve Online (TASC)- Mathematics</i> 2.3 <i>Learn Smart Achieve Adaptive TASC Mathematics</i> 5.1 <i>TASC Mathematics Exercise Book</i> 2.3 <i>TASC Guide</i> Pg.210</p>		

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