

Macmillan/McGraw-Hill SCIENCE: A CLOSER LOOK © 2011, Grade 1
Correlated with
Common Core State Standards, Grade 1

Common Core State Standards for Literacy in History/Social Studies, Science, and Technical Subjects, Grades K-5	
English Language Arts Standards » Anchor Standards » College and Career Readiness Anchor Standards for Reading	
The K–5 standards on the following pages define what students should understand and be able to do by the end of each grade. They correspond to the College and Career Readiness (CCR) anchor standards below by number. The CCR and grade-specific standards are necessary complements—the former providing broad standards, the latter providing additional specificity—that together define the skills and understandings that all students must demonstrate.	
Key Ideas and Details	
1. Read closely to determine what the text says explicitly and to make logical inferences from it; cite specific textual evidence when writing or speaking to support conclusions drawn from the text.	Teacher’s Edition: 9, 11, 14, 15, 24, 27, 29, 30, 33, 38, 41, 54, 57, 59, 60, 62, 63, 68, 71, 88, 93, 96, 99, 104, 107, 110, 115, 128, 131, 134, 137, 141, 142, 147, 164, 169, 172, 175, 180, 183, 196, 199, 202, 205, 210, 213, 213A-213B, 230, 233, 236, 239, 242, 245, 250, 253, 275A-275B, 266, 269, 272, 275, 280, 283, 300, 303, 308, 311, 316, 319, 330, 331, 334, 335, 337, 342, 345, 362, 365, 368, 371, 374, 377, 380, 382, 385, 393, 397, 398, 401, 401A-401B, 403, 404, 407, 411, 412, 415, 419, 420, 421
2. Determine central ideas or themes of a text and analyze their development; summarize the key supporting details and ideas.	Teacher’s Edition: 4, 5, 6, 7, 8, 12, 13, 24, 26, 27, 30, 32, 33, 38, 40, 42-43, 49, 54, 56, 57, 60, 62, 63, 64-65, 68, 70, 79, 90, 91, 92, 96, 97, 98, 104, 106, 110, 112, 114, 117, 128, 130, 134, 135, 136, 142, 144, 145, 155, 164, 165, 166, 168, 169, 172, 173, 174, 180, 182, 196, 198, 202, 204, 210, 212, 230, 231, 232, 236, 237, 238, 242, 243, 244, 245, 246-247, 250, 252, 253, 261, 266, 268, 272, 274, 280, 282, 300, 302, 308, 309, 310, 330, 334, 336, 337, 342, 344, 345, 362, 364, 368, 370, 374, 376, 382, 384, 398, 399, 400, 404, 406, 401, 409, 412, 414, 420, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18
3. Analyze how and why individuals, events, and ideas develop and interact over the course of a text.	Teacher’s Edition: 13, 15A-15B, 61, 71, 71A-71B, 76-77, 107A-107B, 113, 115, 116-117, 123A, 213A-213B, 239A-239B, 272-273, 275A-275B, 279, 281, 291A, 345A-345B, 371A-371B
Craft and Structure	
4. Interpret words and phrases as they are used in a text, including determining technical, connotative, and figurative meanings, and analyze how specific word choices shape meaning or tone.	Teacher’s Edition: 18, 20C, 20D, 21, 24, 30, 38, 48, 50C, 50D, 51, 54, 60, 68, 78, 84C, 84D, 85, 88, 96, 104, 110, 122, 124C, 124D, 125, 128, 134, 142, 154, 160C, 160D, 161, 164, 172, 180, 190, 192C, 192D, 193, 196, 202, 210, 220, 226C, 226D, 227, 230, 236, 242,

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	250, 260, 262C, 262D, 263, 266, 272, 280, 290, 296C, 296D, 297, 300, 308, 316, 324, 326C, 326D, 327, 330, 334, 342, 352, 358C, 358D, 359, 362, 368, 374, 382, 392, 394C, 394D, 395, 398, 404, 412, 420, 428, R4, R6
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.	Teacher's Edition: 13, 58
6. Assess how point of view or purpose shapes the content and style of a text.	Teacher's Edition: 24C, 51, 66, 101, 146, 173, 204, 205 215, 245
Integration of Knowledge and Ideas	
7. Integrate and evaluate content presented in diverse media and formats, including visually and quantitatively, as well as in words.	Teacher's Edition: 4, 5, 7, 8, 10, 13, 14, 16, 18, 24-25, 26, 27A-27B, 27, 28, 29, 30, 31, 32, 34, 36, 37, 39, 40, 42, 48, 49B, 50, 53, 55, 56, 57A-57B, 59, 60-61, 62, 64, 66, 67, 68, 69, 70, 72, 74, 80, 84D, 86, 87, 88, 89, 90, 91, 92, 93, 93A-93B, 94, 95, 96, 97, 98, 100, 103, 104, 105, 106, 108, 110-111, 112-113, 114, 115, 116, 120-121, 123B, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 140, 141, 142, 143, 144-145, 146, 148, 154, 156, 162, 165, 166, 167, 168, 169, 172, 173, 174, 180, 181, 182, 186, 192D, 192, 194, 197, 198, 200, 201, 202-203, 204, 211, 212, 214, 220, 226, 231, 232, 233A-233B, 234, 235, 237, 238, 239A-239B, 241, 242, 243, 244, 246, 250, 251, 252, 258, 264, 266, 267, 268, 269A-269B, 270, 273, 274, 275A-275B, 277, 279, 281, 282, 294, 301, 302, 308, 309, 310, 317, 318, 319A-319B, 329, 330, 334, 335, 336, 343, 344, 345A-345B, 363, 364, 365A-365B, 369, 370, 374, 375, 376, 383, 384, 393A, 398, 399, 400, 401A-401B, 405, 406, 412-413, 414, 420, 421, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18
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.	Teacher's Edition: 147, 204, 205, 206-207
9. Analyze how two or more texts address similar themes or topics in order to build knowledge or to compare the approaches the authors take.	Teacher's Edition: 213B
Range of Reading and Level of Text Complexity	
10. Read and comprehend complex literary and informational texts independently and proficiently.	Teacher's Edition: 5, 11, 17, 18-19, 27A, 29, 34, 35, 37, 43, 44-45,

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46-47, 57, 67, 74-75, 76-77, 79A, 79B, 81, 83, 87, 93, 101, 109, 115, 116-117, 118-119, 120-121, 129, 135, 138, 143, 149, 150-151, 152-153, 155, 155A, 155B, 159, 163, 169A, 173, 177, 181, 184, 186-187, 188-189, 195, 201, 207, 213B, 215, 216-217, 218-219, 221, 221A, 221B, 224, 225, 227, 233A, 245, 246-247, 251, 256-257, 258-259, 265, 271, 285, 286-287, 288-289, 291A, 291B, 294-295, 314, 320-321, 322-323, 346-347, 348-349, 350-351, 353A, 353B, 378-379, 382, 384, 388-389, 390-391, 408-409, 424-425, 426-427, 429A, 429B, R15, R16

English Language Arts Standards » Anchor Standards » College and Career Readiness Anchor Standards for Writing

The K–5 standards on the following pages define what students should understand and be able to do by the end of each grade. They correspond to the College and Career Readiness (CCR) anchor standards below by number. The CCR and grade-specific standards are necessary complements—the former providing broad standards, the latter providing additional specificity—that together define the skills and understandings that all students must demonstrate.

Text Types and Purposes

1. Write arguments to support claims in an analysis of substantive topics or texts, using valid reasoning and relevant and sufficient evidence.

Teacher’s Edition:
212, 214, 221A

2. Write informative/explanatory texts to examine and convey complex ideas and information clearly and accurately through the effective selection, organization, and analysis of content.

Teacher’s Edition:
23, 34, 67, 72, 80, 100, 107B, 108, 111, 131A, 135, 138, 143, 154, 163, 199, 240, 254, 276, 292, 304, 354, 386, 399, 430, R9

3. Write narratives to develop real or imagined experiences or events using effective technique, well-chosen details, and well-structured event sequences.

Teacher’s Edition:
13, 34, 71B, 100, 111, 138, 156, 184, 214, 222, 231, 254, 304, 338, 386, 416, 422, R11

Production and Distribution of Writing

4. Produce clear and coherent writing in which the development, organization, and style are appropriate to task, purpose, and audience.

Teacher’s Edition:
34, 71B, 72, 100, 131B, 138, 184, 214, 254, 276, 304, 338, 386, 416, 422

5. Develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach.

Teacher’s Edition:
34, 72, 80, 100, 111, 131B, 138, 184, 222, 254, 276, 338, 386, 416, 422

6. Use technology, including the Internet, to produce and publish writing and to interact and collaborate with others.

Teacher’s Edition:
13, 27, 31, 33, 34, 41, 49, 57, 61, 63, 71, 72, 78, 79, 92, 93, 99, 107, 115, 123, 131, 137, 138, 145, 147, 155, 156, 169, 175, 180, 183, 184, 191, 198, 199, 205, 213, 214, 221, 222, 233, 236, 239, 242, 245, 253, 254, 261, 269, 275, 276, 283, 291, 292, 303, 304, 311, 319, 325, 331, 337, 338, 343, 345, 353, 354, 365, 369, 371, 377, 385, 400, 401, 407, 415,

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416, 421, 422, 428, 429, 430

Research to Build and Present Knowledge

7. Conduct short as well as more sustained research projects based on focused questions, demonstrating understanding of the subject under investigation.

Teacher's Edition:

37, 89, 90, 95, 97, 107, 107A-107B, 109, 115, 127, 133, 135, 136, 147, 163, 173, 174, 197, 213, 213A-213B, 275B, 279, 280, 282, 365A-365B, 385, 415

8. Gather relevant information from multiple print and digital sources, assess the credibility and accuracy of each source, and integrate the information while avoiding plagiarism.

Teacher's Edition:

37, 89, 97, 107, 107A-107B, 109, 115, 127, 133, 135, 137, 147, 163, 173, 174, 197, 213A-213B, 275B, 279, 280, 282, 365A-365B, 385, 415

9. Draw evidence from literary or informational texts to support analysis, reflection, and research.

Teacher's Edition:

19, 44-45, 46-47, 74-75, 76-77, 89, 107, 115, 118-119, 120-121, 135, 136, 138, 140, 150-151, 152-153, 165, 173, 186-187, 188-189, 197, 205, 213B, 216-217, 218-219, 231, 256-257, 258-259, 279, 282, 286-287, 288-289, 320-321, 322-323, 348-349, 350-351, 388-389, 390-391, 424-425, 426-427

Range of Writing

10. Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of tasks, purposes, and audiences.

Teacher's Edition:

9, 15, 16, 23, 27, 27B, 33, 34, 37, 39, 40, 41, 49, 49A, 55, 57, 59, 63, 65, 67, 69, 70, 71, 71B, 72, 79A, 80, 87, 89, 91, 93, 95, 97, 99, 100, 107, 107B, 108, 111, 113, 115, 120-121, 122, 131, 131A, 131B, 135, 137, 138, 141, 143, 147, 152-153, 154, 155A, 156, 163, 169, 175, 183, 184, 190, 199, 205, 212, 213, 213B, 214, 220, 222, 231, 232, 233, 233B, 235, 239, 239B, 240, 244, 245, 247, 253, 254, 260, 269, 269A, 275, 275B, 276, 283, 292, 303, 304, 310, 311, 315, 319, 322-323, 324, 331, 331A, 337, 338, 345, 352, 354, 365, 371, 371B, 377, 385, 386, 392, 393, 393A, 399, 400, 401, 407, 411, 415, 416, 421, 422, 430, R8, R9, R11

English Language Arts Standards » Reading: Informational Text » Grade 1

Key Ideas and Details

1. Ask and answer questions about key details in a text.

Teacher's Edition:

5, 9, 12, 14, 15, 27, 33, 41, 42, 48-49, 49A, 49B, 57, 61, 63, 71, 78-79, 79A, 79B, 86, 92, 93, 99, 105, 107, 114, 115, 116, 118-119, 122-123, 123A, 123B, 126, 129, 131, 137, 145, 147, 148, 154-155, 155A, 155B, 167, 169, 175, 181, 183, 186-187, 188-189, 190-191, 191A, 191B, 199, 203, 205, 206, 213, 220-221, 221A, 221B, 233, 237, 239, 245, 253, 260-261, 261A, 261B, 269, 275, 283, 290-291, 291A, 291B, 303, 311, 319, 324-325, 324A, 324B, 331, 336, 337, 345, 348-349, 350-

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2. Identify the main topic and retell key details of a text.	Teacher's Edition: 4, 5, 6, 7, 8, 12, 13, 24, 26, 27, 30, 32, 33, 38, 40, 42-43, 49, 54, 56, 60, 62, 68, 70, 90, 91, 92, 96, 97, 98, 104, 106, 110, 112, 117, 128, 130, 134, 136, 142, 144, 145, 155, 164, 165, 166, 168, 172, 173, 174, 180, 182, 196, 198, 202, 204, 210, 212, 230, 231, 232, 236, 237, 238, 242, 243, 244, 245, 250, 252, 261, 266, 268, 272, 274, 280, 282, 300, 302, 308, 309, 310, 330, 334, 336, 337, 342, 344, 362, 364, 368, 370, 374, 376, 398, 399, 400, 401, 404, 406, 412, 414, 420, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18
3. Describe the connection between two individuals, events, ideas, or pieces of information in a text.	Teacher's Edition: 3, 4, 19, 23, 25, 26, 27, 31, 37, 38-39, 41, 44-45, 49A, 53, 54, 57, 61, 69, 79, 86, 87, 88, 92, 93, 93A-93B, 98, 102, 103, 107, 109, 111, 115, 118-119, 120-121, 123, 128, 133, 134, 164, 171, 173, 183, 184, 204, 205, 238, 245, 258-259, 265, 275, 295, 299, 340, 341, 345A-345B, 362, 365, 371, 381, 382, 383, 384, 385, 400, 406-407, 413, 418, 419, 429B
Craft and Structure	
4. Ask and answer questions to help determine or clarify the meaning of words and phrases in a text.	Teacher's Edition: 20C, 20D, 21, 24, 29, 30, 35, 37, 38, 43, 44-45, 48, 49, 50C, 50D, 51, 54, 57, 60, 67, 68, 73, 75, 78, 81, 84C, 84D, 85, 87, 88, 93, 95, 96, 104, 107, 109, 110, 115, 121, 122, 124C, 124D, 125, 128, 129, 134, 135, 141, 142, 143, 149, 154, 155, 157, 160C, 160D, 161, 163, 164, 172, 173, 175, 180, 181, 187, 190, 192C, 192D, 193, 195, 196, 201, 202, 210, 215, 220, 221, 226C, 226D, 227, 230, 235, 236, 238, 242, 245, 250, 251, 253, 259, 260, 262C, 262D, 263, 265, 266, 271, 272, 277, 280, 290, 296C, 296D, 297, 300, 308, 316, 324, 326C, 326D, 327, 330, 334, 342, 352, 358C, 358D, 359, 362, 368, 374, 379, 382, 388-389, 392, 394C, 394D, 395, 398, 404, 412, 420, 428
5. Know and use various text features (e.g., headings, tables of contents, glossaries, electronic menus, icons) to locate key facts or information in a text.	Teacher's Edition: 21, 51, 64, 85, 108, 125, 161, 184, 193, 227, 228, 263, 297, 327, 359, 395
6. Distinguish between information provided by pictures or other illustrations and information provided by the words in a text.	Teacher's Edition: 18, 24, 38, 48, 49, 64, 69, 80, 106, 108, 110-111, 112-113, 120-121, 123, 134, 136, 140, 144-145,

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Integration of Knowledge and Ideas

7. Use the illustrations and details in a text to describe its key ideas.

Teacher's Edition:
 4, 9, 10, 15, 16, 18, 24-25, 27, 28, 31, 33, 34, 36, 41, 42, 48, 50, 55, 56, 57, 58, 61, 63, 66, 71, 72, 74, 80, 86, 92, 93, 94, 99, 100, 106, 107, 108, 112, 114, 115, 128, 131, 134, 136, 137, 140, 142, 144-145, 147, 148, 154, 156, 162, 164, 168, 169, 172, 174, 175, 180, 182, 183, 186, 192, 194, 198, 199, 200, 202-203, 204, 205, 213, 214, 220, 224, 226, 230, 232, 233, 234, 237, 238, 239, 244, 245, 248, 250, 252, 253, 258, 264, 269, 270, 273, 274, 275, 277, 281, 283, 294, 301, 303, 308, 311, 318, 319, 331, 334, 335, 337, 344, 345, 363, 364, 365, 369, 370, 371, 372, 374, 376, 377, 383, 385, 400, 401, 405, 407, 413, 415, 420, 421, R3, R4, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18

8. Identify the reasons an author gives to support points in a text.

Teacher's Edition:
 66, 146, 204, 205, 206-207

9. Identify basic similarities in and differences between two texts on the same topic (e.g., in illustrations, descriptions, or procedures).

Teacher's Edition:
 213B

Range of Reading and Level of Text Complexity

10. With prompting and support, read informational texts appropriately complex for grade 1.

Teacher's Edition:
 10, 18-19, 27A, 36, 43, 44-45, 46-47, 58, 64-65, 74-75, 76-77, 86, 108, 116-117, 118-119, 120-121, 126, 136, 140, 145, 148, 149, 150-151, 152-153, 159, 169A, 174, 176-177, 184, 186-187, 188-189, 194, 206-207, 216-217, 218-219, 224-225, 228, 234, 240, 246-247, 248, 256-257, 258-259, 264, 278, 284-285, 286-287, 288-289, 294-295, 298, 320-321, 322-323, 340, 346-347, 348-349, 350-351, 360, 372, 378-379, 380, 388-389, 390-391, 401A, 408-409, 410, 418, 424-425, 426-427, R15

Common Core State Standards for Mathematics

In Grade 1, instructional time should focus on four critical areas: (1) developing understanding of addition, subtraction, and strategies for addition and subtraction within 20; (2) developing understanding of whole number relationships and place value, including grouping in tens and ones; (3) developing understanding of linear measurement and measuring lengths as iterating length units; and (4) reasoning about attributes of, and composing and decomposing geometric shapes.

Overview

Operations and Algebraic Thinking

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• Represent and solve problems involving addition and subtraction.	Teacher's Edition: 73, 100, 185, 199A, 215, 255, 305, 319B, 339, 345B, 423
• Understand and apply properties of operations and the relationship between addition and subtraction.	Teacher's Edition:
• Add and subtract within 20.	Teacher's Edition: 199A, 345B, 423
• Work with addition and subtraction equations.	Teacher's Edition: 35, 101, 185, 215, 339, 345B, 423
Number and Operations in Base Ten	
• Extend the counting sequence.	Teacher's Edition: 35, 139
• Understand place value.	Teacher's Edition:
• Use place value understanding and properties of operations to add and subtract.	Teacher's Edition:
Measurement and Data	
• Measure lengths indirectly and by iterating length units.	Teacher's Edition: 6-7, 319A-319B, 365A-365B, R2-R3
• Tell and write time.	Teacher's Edition: 277, R5
• Represent and interpret data.	Teacher's Edition: 7, 11, 33, 35, 37, 40, 53, 56, 59, 67, 101, 103, 106, 173, 191B, 201, 213A-213B, 215, 229, 231, 232, 235, 238, 239A-239B, 249, 255, 265, 269A-269B, 271, 273, 275A-275B, 279, 291, 310, 341, 345A-345B, 371A-371B, 384, 411, 414, R3, R5, R7, R14
Geometry	
• Reason with shapes and their attributes.	Teacher's Edition: 57A, 93A, 298