

Digital Walkthrough Grades 9–12



West Virginia Reveal Algebra 1 • Geometry • Algebra 2

West Virginia Reveal Math® The Digital Experience

West Virginia Reveal Math develops the problem solvers of tomorrow with a blend of purposeful print and digital resources. Featuring integrated technology and plentiful opportunities for students to explore, collaborate, practice, and reflect, *West Virginia Reveal Math* increases both student engagement and confidence.

West Virginia Reveal Math currently integrates with the following Federated Standards: SAML 2.0 IDP, LTI 1.0, and Clever. Integration is possible with most learning management systems. Grade Passback and Assignment Sync are available with Canvas, Schoology, and Google Classroom; new integration required.

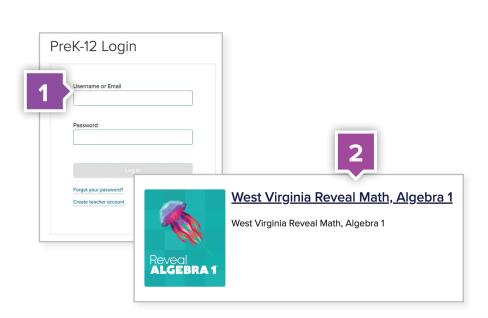
Use this Quick Start to review the Digital Teacher Center

- Teacher Dashboard
- Program Resources and Professional Development
- Unit Resources
- Lesson Resources for Teacher and Students

- Differentiation Resources
- Class Management Tools
- Assessments
- Reporting

Get Started

- Visit mheonline.com/ westvirginia to register for a username and password.
- 2. Select desired grade-level class.



Teacher Dashboard

Use the Teacher Dashboard as a central location to navigate the Digital Teacher Center.

1	Virginia Reveal Math, Algebra 1				2	
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Dashboard	Table of Contents X					
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Course	Module 1: Expressions					
Gradebook	Lesson 2: Algebraic Expressions 5	4	DI MARA			
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Calendar	Lesson 4: Distributive Property Lesson 5: Expressions Involving Absolute Value	3				
E Assignments	Lesson 6: Descriptive Modeling and Accuracy	eBook Options			Additional Resour	rces
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Roster	There are no calendar items scheduled for this day.	ALGEBRA 1 eBook	ALGEBRA 1 Teacher Edition eBook	ALGEBRA 1 eBook		
Reports		Interactive Student Edition eBook • Volume 1	Teacher Edition eBook	Interactive Student Edition eBook • Volume 2	ALEKS Clickable Tour	Student D Navigation
C Assessments		Reveal ALGEBRA 1 •Book	Revelar el ÁLGEBRA 1 eBook		**	
Ny Tools		Student Edition eBook	Reveal Algebra 1, Spanish eBook		eToolkit User Guide	Glossary,

1. Use side menu to locate:

- Dashboard
- Course
- Gradebook
- Calendar

- Assignments
- Roster
- Reports
- Assessments
- 2. Search content by keyword or standard.

- **3. Access eBooks** including Teacher Editions and Interactive Student Editions.
- **4.** Click on **Table of Contents** to quickly navigate the course.
- 5. From the **Table of Contents**, click on the unit or lesson name to access the instructional resources.

Use the Teacher Dashboard as a central location to navigate to the Digital Teacher Center.

Course Resources and Professional Development

Locate Program Resources from the Teacher Dashboard:

- Click Table of Contents.
- Program Resources: Course Materials is located at the top of the Table of Contents.
- Click on the name of the resource you would like to review.

Program Resources: Course Mat	erials
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1 ²	
Teacher Edition, Correlations, and Pacing	>
Supporting Al 2 5	>
Professional Learning Resour	>
Course Assessments	>
_earning Resources	>

- 1. Planning Resources
 - Teacher Edition
 - Correlations to the West Virginia Mathematics Standards
 - Pacing Guide
- 2. Professional Learning Resources
 - Digital Walkthrough
 - eCourses
 - "Why" Behind the Math Video Library

3. Course Assessments

- Diagnostic and Placement Test
- Diagnostic Scoring Guide
- End-of-Course Test

4. Learning Resources

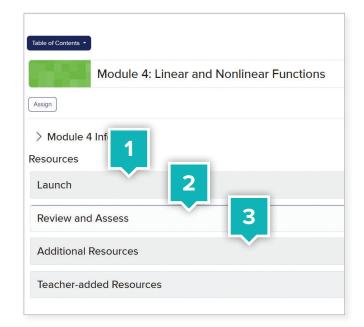
- eToolkit (Virtual Manipulative Suite)
- eToolkit User Guide
- Selected Answers
- Printable Resource Bundles

Module Resources

Click the **Table of Contents** and select a module. Once you've reached your unit landing page, click **Expand All** to see the resources within each menu.

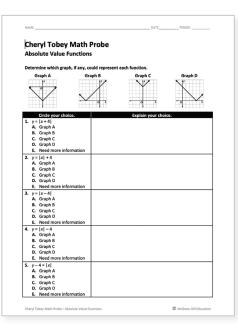
1. Ensure Student Readiness and Launch

- Ignite! activity and Teacher Notes
- Module Pretest
- Launch the Module Video



2. Evaluate Student Learning

- Formative Assessment Math Probe and Teacher Notes to uncover and resolve misconceptions
- Dynamic Module Practice
- Performance Task and Teacher Rubric
- Module Vocabulary Activity & Review
- Module Test



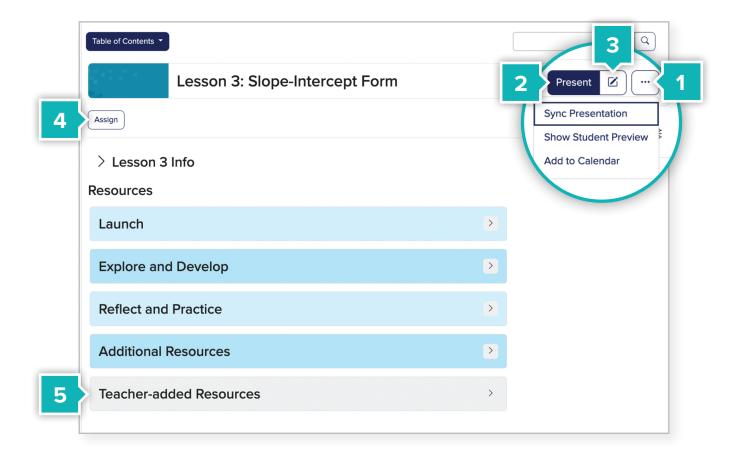
3. Module Supports

- Cultural Connections designed for students to learn about math contributions across various cultures in history.
- LearnSmart is an online, interactive study tool to support additional online practice and supporting resources.

Additional Resourc	es	
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Lesson Resources for Teachers

Click the **Table of Contents** and select a lesson. Once you've reached your lesson landing page, click **Expand All** to see the resources within each menu. The Lesson blade categories match the lesson model structure.

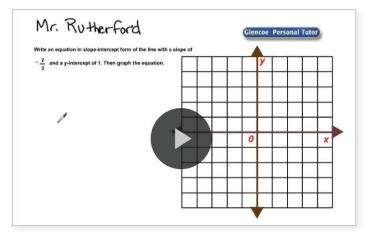


- 1. Add a lesson to your class calendar.
- **2. Launch** your lesson presentation here.
- **3.** You can also rearrange or edit the presentation by clicking the edit button.
- **4. Assign** activities or assessments to an individual or a whole class.
- Add your own resources to include in presentations or to assign to your students from the Teacher-added Resources menu.

You can easily plan and prepare using the simple layout organization that aligns with your print Teacher Edition.



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<u>iteractive Stu</u>	dent Edition eBook • Volume 1
	() () () () () () () () () () () () () (
	JOBS The number of job openings in the United States during a recent year increased by an average of 0.06 million per
	month since May. In May, there were about 4.61 million job openings in the United States. Write an equation in slope-intercept form to represent the number of job openings in the United States in the months since May.
	Use the given information to write an equation in slope-intercept form.
	() Instructions
	You are given that there were million job openings in May.
	Let end
	Because the number of job openings is 4.61 million when
	and because the number of job openings has increased by million each month,
	So, the equation represents the number of job openings in the United States
	since May.



Lesson Resources for Students

Students have access to all Lesson Resources including **Extra Examples** not found in the print Student Edition and **Personal Tutor** videos.

- 1. Click the **Explore and Develop** section to see all lesson resources.
- 2. Click on the **Reflect and Practice** to see the Personal Tutor resources.

Interactive Student Edition

When using their **Interactive Student Edition** from the Student Dashboard, students can digitally take notes and answer questions.

Personal Tutor

Personal Tutor Videos review the topic concept for students and caregivers to reference while completing independent work.

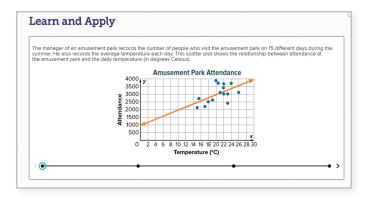
Differentiation Resources

The resources in the Additional Resources blade in the Differentiate subcategory align to the Teacher Edition Lesson Opener Differentiate section reflecting their intended use to support students:

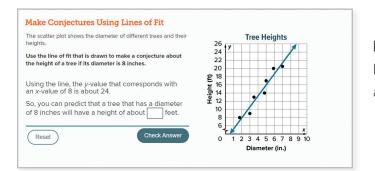
- Approaching Level resources support students who may not fully understand the lesson concepts or skills.
- On Level resources are to help on-level students get additional practice to solidify the skills they've built.
- Beyond Level resources are for students who may need or would benefit from an additional challenge.

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Table of Contents -
Lesson 1: Writing Equations in Slope-Intercept Form
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Launch
Explore and Develop
Reflect and Practice
Additional Resources
Teacher-added Resources

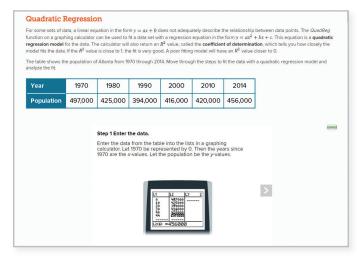
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Description: The same start gives students the opportunity to wreak and poticial a space of the poticial a space for the lease. Type: read	Presentation		Assign
Presentation	3	Description: This review asset gives students the opportunity to review and practice a specific skill taught in this lesson.	
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Click on the **Take Another Look** activity. This lesson support asset gives students an additional opportunity to learn the objectives by engaging in the content in a new and different way.



Review Learn and Review Examples can be assigned to any student who may need a refresher on the lesson prerequisite skill.



Extension activities give students an extra challenge as they expand upon their knowledge of topics and concepts covered in the lesson.

Digital Practice Opportunities

- 1. In the left hand sidebar, click **Assessments** to view all practice items. Click into any folder labeled "Practice Assignment Bank".
- 2. This menu contains all **Practice** items, which can be edited, created, and digitally assigned to individual students, groups, or across multiple classes. All exercises have been created for automatic scoring when teachers choose to assign or create digital assignments.
- 3. All Module practice questions are available for use in the **Question Banks** when practice assignments are edited or created from scratch.
- 4. My Assessments folder will store your customized and newly created Practice forms.



Next, click on a **Practice Bank** to view the numerous practice sets included.

The **Practice Banks** contain all the module and lesson practice questions for the course. The banks are organized by lesson. A majority of the pre-built banks contain questions, which provide students with immediate feedback and access to a variety of learning aids.

Assess	ment Ban	ks Question Banks	Passage Banks	
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#		Title		
1	=	Dynamic Module Practice Modul	e 1	0000
2	=	Practice Item Bank		0000
3	F	Practice		0
4	E	Extra Practice		000
5	Ē	Spiral Review		000

Dynamic Module Practice contains questions that change value upon each attempt and provides teachers an unlimited number of practice questions to reinforce student knowledge.

Practice Item Banks contain every practice question from the lesson in one location and can be used as a source to create your own practice forms.

Practice includes pre-built digital practice sets that match the Interactive Student Edition.

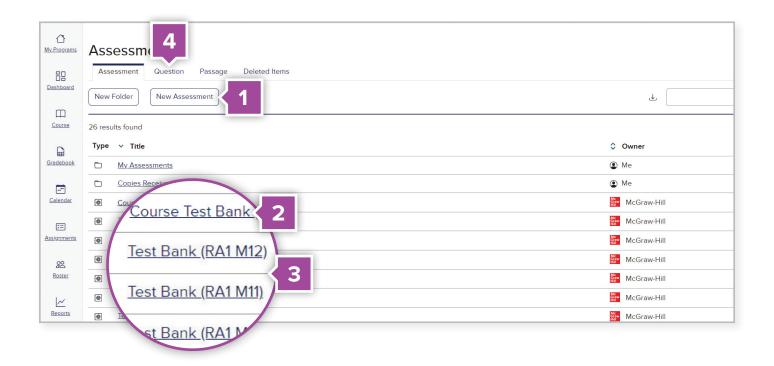
Extra Practice contains additional opportunities for students, different from those in the Interactive Student Edition.

Spiral Reviews contain questions from previous lessons and include questions that change in value, while providing student learning support.

Digital Assessment Options

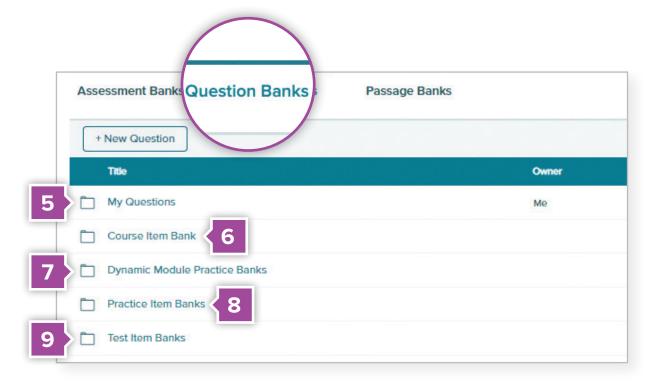
From the **Main Menu** in the left-hand sidebar, click **Assessments** to review all assessment items. Click on any item labeled "Test Bank".

- 1. Create a New Assessment.
- 2. The **Course Test Bank** contains the Diagnostic and Placement Test, Benchmark Tests, and End-of-Course Test.
- 3. Test Banks contain the module-level tests.
- 4. Once you've viewed the Assessment Banks, click Question Banks.



Question Banks

The **Questions Banks** contain all the questions found throughout assessments. Most question banks are organized by module. You can create your own questions or customize the preexisting questions from this bank to better suit your needs.



- 5. When you create a new question or customize an existing question, it will be saved in the **My Questions** folder.
- 6. Course Item Banks contain questions from every module.
- 7. **Dynamic Module Practice Banks** contain the questions from dynamic practice which change question values per each attempt.
- 8. Practice Item Banks contain the homework assignments for each module.
- 9. Test Item Banks contain the questions for module-level tests.

Flexible assessment formats

Course, module, and lesson assessments can be customized, printed, and/or assigned. Most assessments are available in a digital format. The following table displays the formats in which each assessment is available.

Print Edition: These assessments appear in your student's Interactive Student Edition or other ancillary materials.

Printable: These assessments can be printed as a PDF from the **Assessments** menu or appear as a word document within a module or lesson.

Digital: These assessments can be assigned digitally from the **Assessments** menu or within a module or lesson.

Assessment	Print	Printable	Digital
Course Diagnostic		x	x
Module Pretest		x	x
Checks	x		x
Exit Tickets			x
Put It All Together		x	x
Cheryl Tobey Formative Assessment Math Probes		x	
Module Assessment: Forms A (three versions), B, and C		х	x
Performance Task		x	
End-of-Year Course Assessment		х	x

Question options to fit your needs

Over a dozen different question types can be used in your custom digital assessments to provide students with an opportunity to solve problems in different ways. Most appear in the pre-built assessments. These question types are similar to question types found on end-of-year and state tests to help prepare students for those tests.

Multiple Choice: Students select an answer from a myriad of options.

Short Answer: Students write a brief response or reasoning to a question.

Fill-in-the-Blank: Students use the correct words or numbers to complete a sentence or answer a problem.

Essay: Students write a brief essay in response to a question or word problem.

Cloze: Students select items from a dropdown menu to fill in the blank of the word problem provided.

True/False: Students read a sentence and decide whether it is true or false.

Multiple Choice/Multi-Select: Students can select one or more choices to answer a question.

Equation Entry: Students build an equation that completes or answers the question provided. Teachers also have the option to allow for numerical equivalency if students provide the same answer in a different equation.

Matching: Students are provided with one or more prompts and must match the correct response from a bank of possible answers.

Bucketing: Students are presented with a question and then must move answer options into different buckets that fit the correct response.

Ordering: Students reorder items to correctly answer the question provided.

Select Text: Students answer the question by choosing the correct word, sentence, or paragraph provided. Teachers can also require that students provide a brief explanation for their answers.

Image Labeling: Teachers provide an image and indicate which parts need to be labeled. Then, students fill in the blank labels with the correct answer.

Choice Matrix: Students select one or more correct answers from a matrix table.

Grid-In: Students use drop-down menus to select the correct numerical answer to a question.

Number Line: Students use a number line to provide their answer to a question.

Audio Recording: Students answer a question by recording audio of their answer and/or reasoning.

Instructions: This lets you provide instructions at any point in the test: at the beginning of the assessment before it is started, in-between questions, or at the end in order to provide directions for submitting the completed assessment.

Utilize Reporting Features

From the **Main Menu** in the left-hand sidebar, click **Reports.** *West Virginia's Reveal Math*'s interactive performance reports provide immediate feedback that allows teachers to make data-driven instructional decisions.

1. From the Main menu, click **Reports**.

Activity Performance Report

Review useful data points for class assignments, including item analysis by student and class.

() My Programs	View all Repo							
My Programs	Activity Perf	ormance - Class					Report Date:	12/14/2020
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Sector Se	Average Score #	Activities (1) Exit Toxet: Understand Equal		Last Result Date	12:14/2020 e 🙄 Submitted 😂	ti2/44 Category ⇒	Number of Questions	Details

West Virginia Standards Performance Report

Provides information on class performance by standard, including a cumulative score by class and student.

Il Students ~ Standards ^ West Virginia ~	College- and Career V Mathematics V Algebra	a 1	~	
✓ Show Description	■ 0 - 59% ■ 60 - 69% ■ 70 - 799	6 80 - 89 Class Aver		
⊙ M.A1HS.11	Solve quadratic equations in one variable by inspection (e.g., for $x^2 = 49$), taking square roots, factoring, completing the square when a = 1 only, and the quadratic formula, as appropriate for the initial form of the equation.	75%	12	
OM.A1HS.11a	Recognize the concept of complex solutions when the quadratic formula gives complex solutions.	75%	12	
M.A1HS.11b	Use the method of completing the square to transform any quadratic equation in x into an equation of the form $(x - p)^2 = q$ that has the same solutions. Derive the quadratic formula from this method of completing the square.	75%	12	

Tools to Streamline Your Classes

See **Assignments** and **Roster** to view some of the tools that make planning easier.



Assessment Sharing

If you've edited a pre-made assessment or created a new one, share it to your other classes by clicking **Send a Copy** from the My Assessments folder. This allows you to administer the same assessments to all of your students.

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E.	•	Lesson 34. Practice, RM CD	9/20/23, 310 PM	
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No.7am		Module 3.7mm	9/20/20, 109 PM	More
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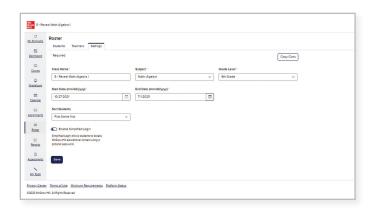
Share Your Class

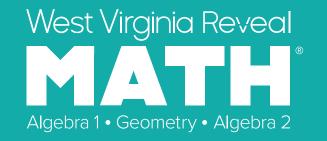
Teachers can share class rosters, groupings, reports, assignments, lesson plans, and more with colleagues for co-teaching, intervention, or instructional planning.

Students Teachers Settings Image: Students can enroll in this class with code NiwDAlBo Image: Search... Edit Teacher Roster Image: Search... Name Staff ID Ensil Ensil Christine Walker - Karl Rivas - Karl Rivas - Keisey Jenkins - Keisey Jenkins -

Copy Class

Copy functionality allows teachers to copy all course assignments and customizations to another class.





Reveal the Full Potential in Every Student

Learn more at mheonline.com/westvirginia



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