













Content Hierarchy

Each digits grade-level edition consists of six units that are subdivided into topics. Each topic includes a readiness or prerequisite lesson, about five to eight on-level lessons, a topic review, and a topic test.

	 <i>Readiness Lesson r1: Rating Music Artists</i>
	Lesson 1-1: Numerical Expressions
	 <i>1-1 Homework</i>
	<i>1-1 Teacher Guide</i> 
	1-1: Numerical Expressions 
	Lesson 1-2: Algebraic Expressions
	 <i>1-2 Homework</i>

interACTIVE Learning Cycle

digits uses an approach called the interACTIVE Learning Cycle to differentiate instruction and customize learning for your students. Interactive learning is a data-driven approach that assures that all students are prepared for the on-level lessons.

Component	Description
Readiness/Prerequisite Assessment	The cycle begins with the readiness or prerequisite assessment. You should give this assessment to your students at the beginning of each digits unit. The results from this assessment will help you set the pace for each student and determine his or her learning level for the unit.
Readiness/Prerequisite Lesson	<p>Based on the results of the readiness or prerequisite assessment, students are automatically placed in small differentiated groups. The readiness or prerequisite lesson is a personalized lesson that is driven by the results of the assessment and ensures students have the skills necessary to complete the topic.</p> <p>Some students may demonstrate minimal or no deficiencies on the readiness or prerequisite assessment. For these students, you can assign the enrichment project. Students can complete the enrichment project at any point during the topic.</p>
Interactive On-Level Lessons	On-level lessons are referred to as interACTIVE Instruction in the interACTIVE Learning Cycle framework. Teachers lead the on-level instruction portion of the program using the interactive digits lessons. These lessons are designed for use with interactive whiteboards or projectors. Each on-level lesson includes a launch activity, content examples, and a close and check activity.



Component	Description
Homework and Practice	Each on-level lesson is supported with homework and practice that is automatically assigned to the students. These exercises are also aligned to the Common Core State Standards. The leveled homework is assigned based on the results of the readiness or prerequisite assessment to ensure that below-level students are supported and above-level students are challenged.
Topic Review and Topic Test	Each topic concludes with the topic review and topic test. The topic review includes a review of the topic vocabulary and an activity that provides authentic problem-solving opportunities. Students also revisit the Essential Question that was introduced at the beginning of the topic. Now they can answer the larger questions of when, how, and why to use the skills and concepts introduced in the topic lessons. The topic test provides teachers with reliable data on student progress and concept mastery.

Tools and Materials

digits offers tools and materials to help you prepare for and lead lessons in the classroom. In addition, helpful resources are available for student use.

Component	Description
Lesson Tools	The lesson tools are available in the upper-right corner of the screen. The first icon is a Spanish translation button for the onscreen text for your native Spanish speakers. Click the next icon to access the math tools that you can use when working out problems on screen. The next icon is the digits glossary where you can quickly look up math terms and concepts with your students. The last icon allows you to print the page you are currently viewing. You can also click the audio support icon next to the activity instructions to have the text read aloud.
Teacher Materials	The <i>Online Teacher Guide</i> provides pacing information and instructional support before, during, and after the lesson. Editable lesson plans provide suggested content and standards alignment. You can download these lesson plans and customize them to meet the specific needs of your class.
Student Materials	Print student companions are available for students without easy access to technology. The print companions are great for taking notes and reviewing key parts of the teacher-led lessons. Print Homework Helpers include step-by-step solutions to key concepts and examples as well as homework assignments for each lesson. Students with access to technology should access digits via this website: www.mymathuniverse.com/digitsrealize . Students can log in to digits to complete assignments or review key parts of a lesson.