

# Reveal Math: An Overview

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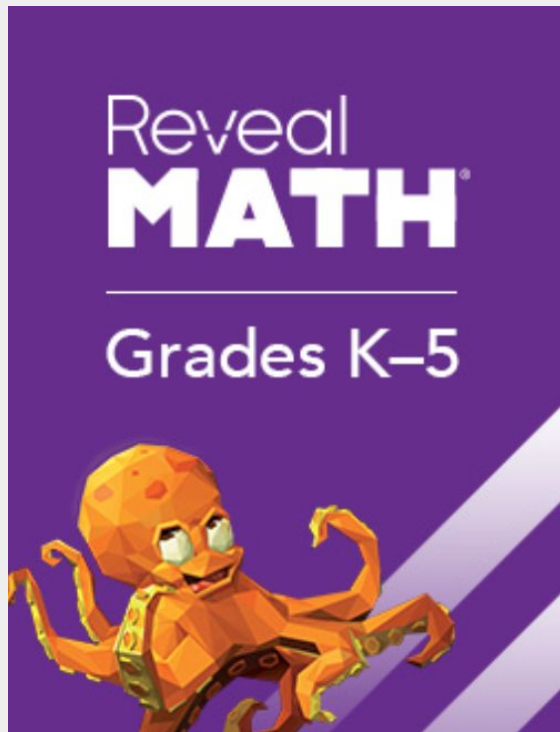
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- **Needs**
  - Grounded in best practices
  - Challenging and differentiated
  - Rigorously reviewed and approved
  - Available in Spanish and English
- **Process**
  - Diverse committee
  - Five month process including demo lessons and materials
  - Unanimously approved against 10 reputable programs
- **Strengths**
  - Myriad of digital and print resources
  - Strong emphasis on problem solving, STEM, and real world application
  - Workshop model for differentiation
  - Integrated supports for behavior and mindset
  - Received highest possible score in rigor, focus, and coherence in EdReports
- **Implementation**
  - Grades 1–8 on the Downtown Campus



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Grades 1-5, Downtown Campus

## *Reveal Math K-5* An Elementary Core Math Curriculum

Reveal the Full Potential in Every Student

*Reveal Math*®, a balanced elementary math program, develops the problem solvers of tomorrow by incorporating both inquiry-focused and teacher-guided instructional strategies within each lesson.

In order to uncover the full potential in every student, *Reveal Math* champions a positive classroom environment, explores mathematics through a flexible lesson design, and tailors classroom activities to student need. These guiding principles allow student to take ownership of their mathematical journey!



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# Monitor Student Understanding Throughout the Year

## COURSE ASSESSMENT

**Course Diagnostic** assesses student's readiness for grade-level content as they enter a new school year.

## UNIT ASSESSMENT

**Unit Readiness Diagnostics** assess each student's proficiency with pre-requisite skills to determine readiness for the unit content.

## LESSON ASSESSMENT

**Exit Tickets** assess students' understanding of the lesson content and drive differentiation.

## UNIT ASSESSMENT

**Math Probes** help identify and target common misconceptions associated with the unit content.

**Unit Assessments** measure multiple depths of knowledge to assess for various stages of understanding.

**Performance Tasks** assess students' understanding of big ideas and their ability to apply unit content to solve real-world problems. In addition, practice performance tasks are available as part of the unit review materials.

## COURSE ASSESSMENT

**Benchmark Assessments** help monitor student progress towards grade-level expectations.

**Summative Assessment** evaluates student learning at the end of each grade level.



Reveal Math is a program that allows us to...

- be data driven
- monitor student progress
- assess needs prior to new units
- target student support



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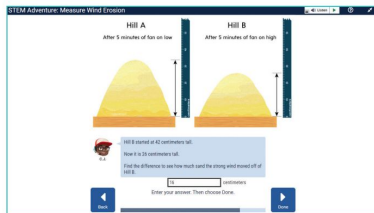
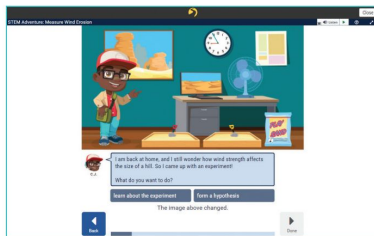
Reveal Math offers activities for students who are ready to go beyond the curriculum as well as those who are in need of additional support.

## Extend Thinking

### STEM Adventure

STEM Adventures are engaging application-based learning activities where students work alongside the STEM Career Kids to explore science and engineer concepts, conduct experiments, and apply the mathematics they have learned to collect and analyze data.

Students make and test hypotheses throughout the process. The activity progresses based on their decisions and can be played multiple times with different outcomes.



### You have 6 recommended remediations

**Class remediation** is triggered when at least **60% of students** do not meet the pass criterion.

For details on included assessment items, view the [Item Analysis Report](#).

View by: Student

Select student: All Students Below Pass Criterion

- Compare place values of digits 4
- Round to the nearest tenth, Round to the nearest hundredth 2
- Compare place values of digits (large numbers) 2
- Write decimals in expanded form 2
- Recognize numbers in different forms 1
- Compare decimal numbers (100ths) 1



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## Spanish Component Overview



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Grades 1-8, Downtown Campus

Arrive Math Booster enables teachers to...

- select activities from levels K-8, regardless of what grade level their students are in.
- create hands-on learning activities.
- provide opportunities for students to collaborate and play games!





## Component Walkthrough

Arrive Math Booster has four components that work together or separately to provide targeted intervention. Select a component to learn more.

### Compare Common-Part Fractions

- Module Overview
- Compare Unit Fractions
- Compare Common-Numerator Fractions
- Compare Common-Denominator Fractions
- Compare Fractions Greater Than One
- Compare Fractions
- Order Common-Denominator Fractions
- Teacher-added Resources

Module and  
Lesson Overview

### Take Another Look: Compare Fractions



Learning Resource:  
Add to student page  
Include in presentation

Take Another Look  
Mini-Lessons

### Guided Support: Compare Fractions



Learning Resource:  
Add to student page  
Include in presentation

Guided Support  
Activities



Games Kit

## Grades K-8 Skills Sequence



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# Reveal Math @ Middle School

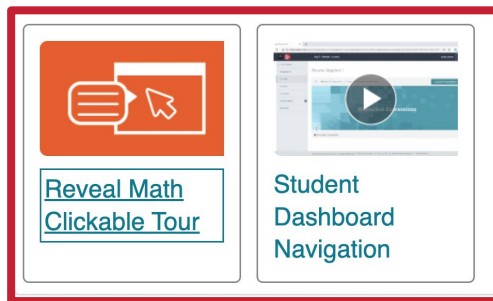
Interactive digital text and in print

Notes go right into the soft textbook and are automatically saved online

Personal tutor videos available in English and Spanish for every lesson

Currently using it in all levels in 6th, foundations and on-level in 7th and foundations in 8th

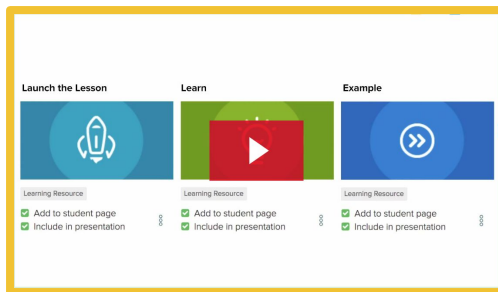
Piloting Algebra I and II at Merle-Smith



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# Lesson Model Breakdown

- Launch
- Explore and Develop
  - Exploration
  - “Learn” the concept & guided examples
  - Talk about it
- Reflect and Practice
  - Exit ticket
  - Practice



Monday, November 7, 2022

< Today >

## Events

 [Module 2 test on Friday](#)

## Assignments

 [Lesson 2-4 · Extra Practice \(optional\)](#)  
Due: 11/11/2022

 [Module 2 practice Pre Alg](#)  
Due: 11/11/2022

## Lesson Materials

 [Personal Tutors](#)  
End: 11/7/2022

 [Spanish Personal Tutors](#)  
End: 11/7/2022

 [Estimate Irrational Numbers](#)  
End: 11/10/2022



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# ALEKS Program

- Supplemental math assessment and adaptive learning program
- Continuous cycle of assessment, learning, and reinforcement
- Initial knowledge check assesses where the student is on a variety of concepts, identifies instructional gaps, and creates a personalized learning path
- Can give specific practice or allow the student to choose within a specific strand



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