Investigations 3 © 2017
Program Overview

Introduction

Hi, I'm Becky, and I'll be your learning partner throughout this tutorial. Join me for the next few minutes to jump into your program resources and get ready for Day 1!

We'll learn about

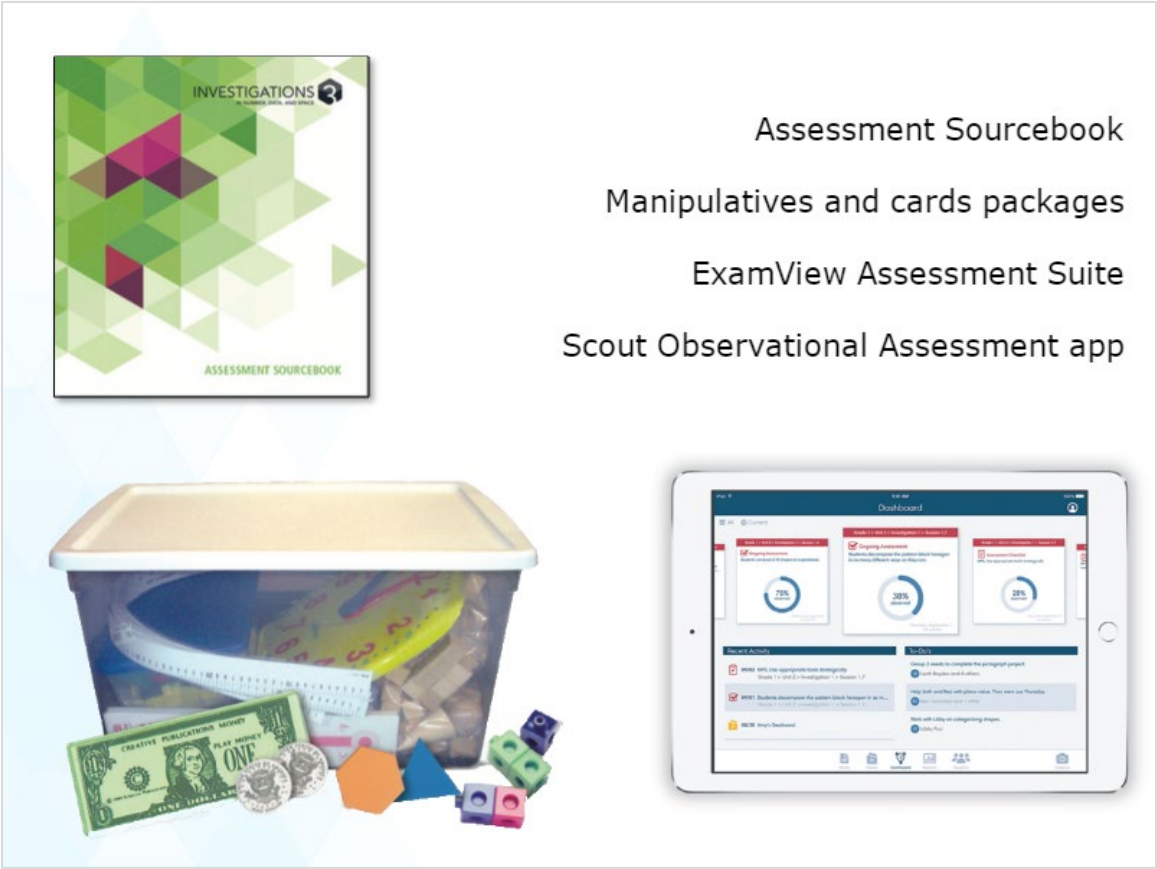
- the structure of the program
- your digital resources
- assessment and differentiation.

I know your time is valuable, so without further ado, let's go!

Program Components

Most of the *Investigations 3* program resources are available in print and online. Find one of your Curriculum Units to follow along with me!

Print Components



Your Curriculum Units are your primary print resources for teaching. Each grade level has one book per unit, for a total of eight units. Each unit contains a set of investigations that connect to the unit's theme. Feeling a little rusty with the math? Don't worry-the Curriculum Units unpack the content, practices, and instructional resources you'll need to be successful.

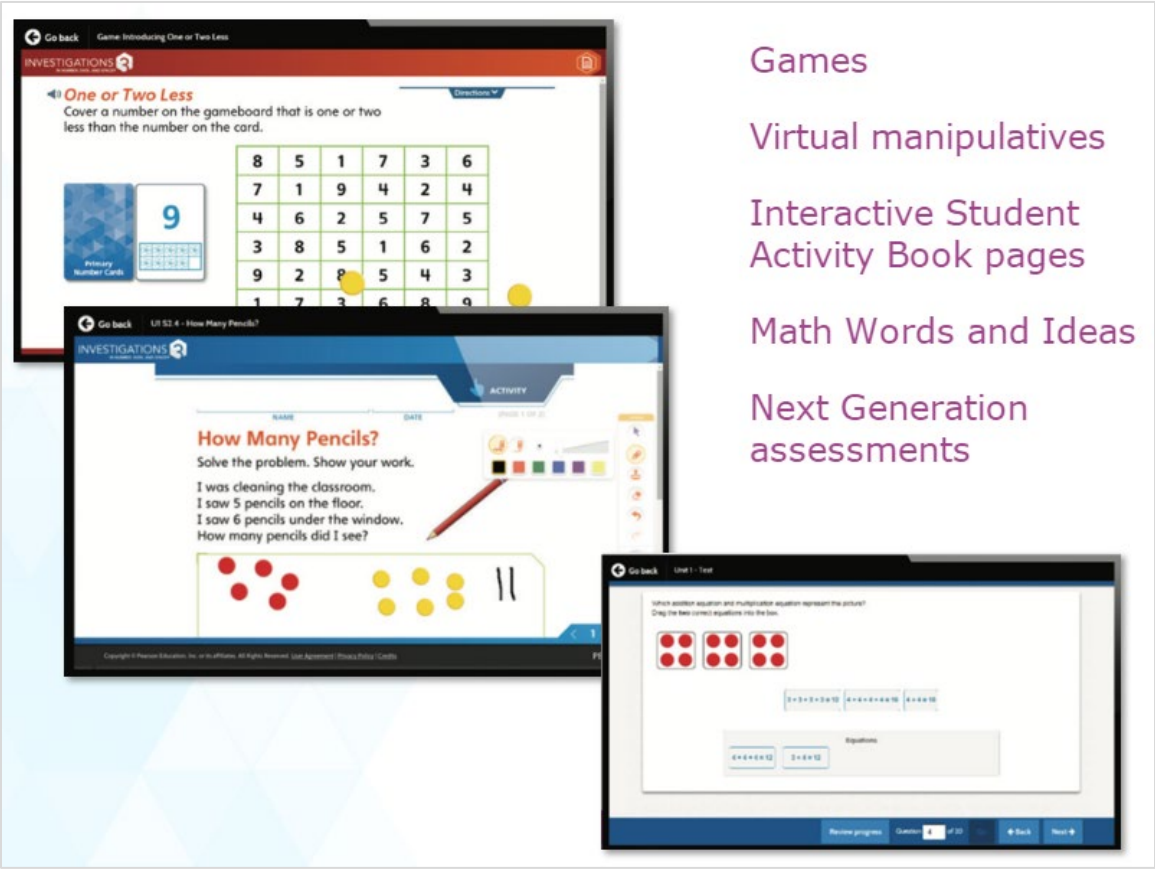
In addition, be sure to check out *Implementing Investigations* for each grade. You'll find even more in-depth information about the program, specific to your grade level.

Students will use the *Student Activity Book* for in-class and homework activities. Parents will love the family letters you send home to explain what their children are learning in math.

In addition to these primary resources, you'll have an *Assessment Sourcebook*, manipulatives, card packages, the ExamView® Assessment Suite, and the SCOUT Observational Assessment app.

ExamView® Assessment Suite is a trademark of eInstruction Corporation, which was not involved in the production of, and does not endorse, this product.

Digital Components



Investigations 3 provides complete digital access through Savvas Realize™ for you and your students. You'll see exciting interactive features, like games, virtual manipulatives, interactive *Student Activity Book* pages, Math Words and Ideas, and Next Generation assessments.

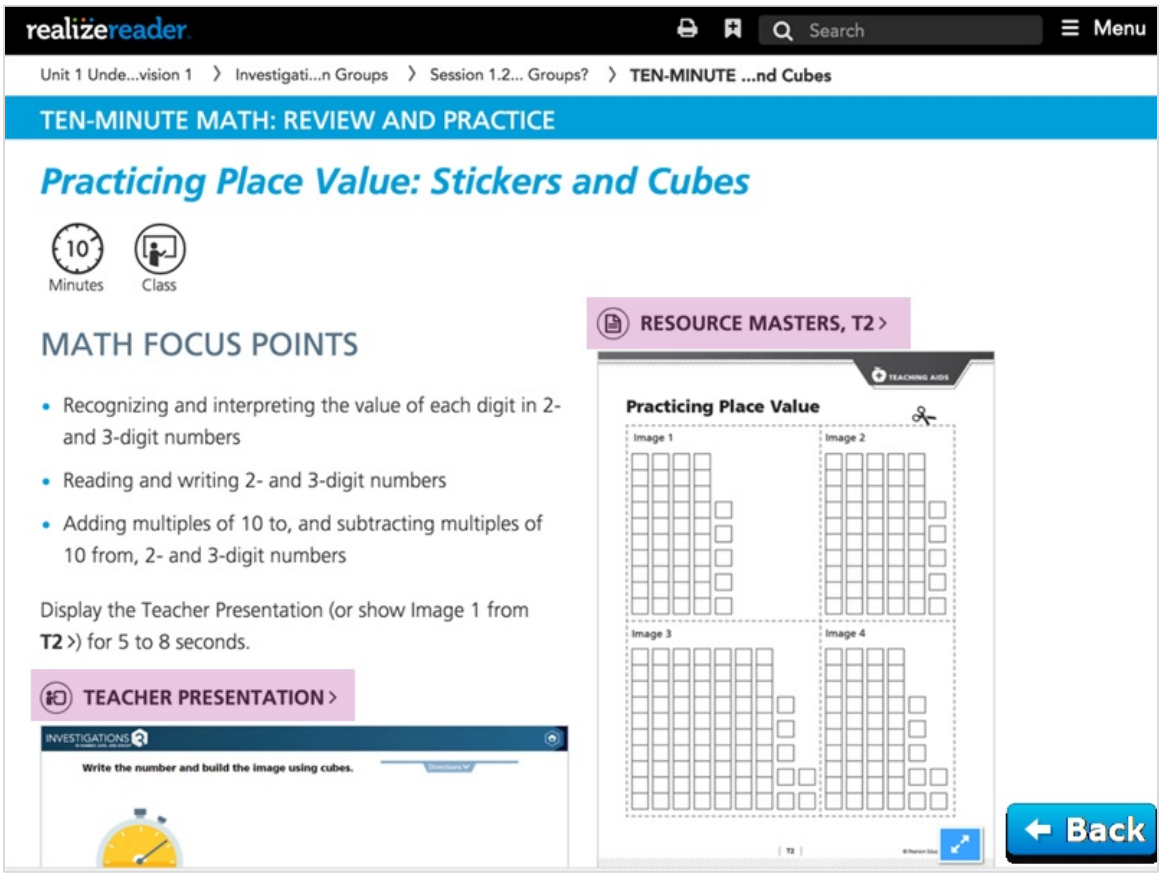
If you're anything like me, you may be wondering where to begin with a new digital platform. Luckily, My Savvas Training offers a boatload of tutorials around the features available. Make sure to visit those when you're done here! Until then, I'll show you a few highlights.

The first place you'll visit is your presentation platform. Project whole-class activities from here, and assign activities to students. Take a look around for more information.

The Realize Reader eText mirrors your print Curriculum Units. Hyperlinks to the presentation platform, downloadable resources, and *Student Activity Book* excerpts are guaranteed to make your life easier!

Want to take a peek at some digital resources you and your students will love? Check out **Game Center.** Your students will have fun while building strategic thinking and computational fluency. Next, check out the **Math Tools**, where you and your students can use virtual and interactive manipulatives to reason mathematically.

eText



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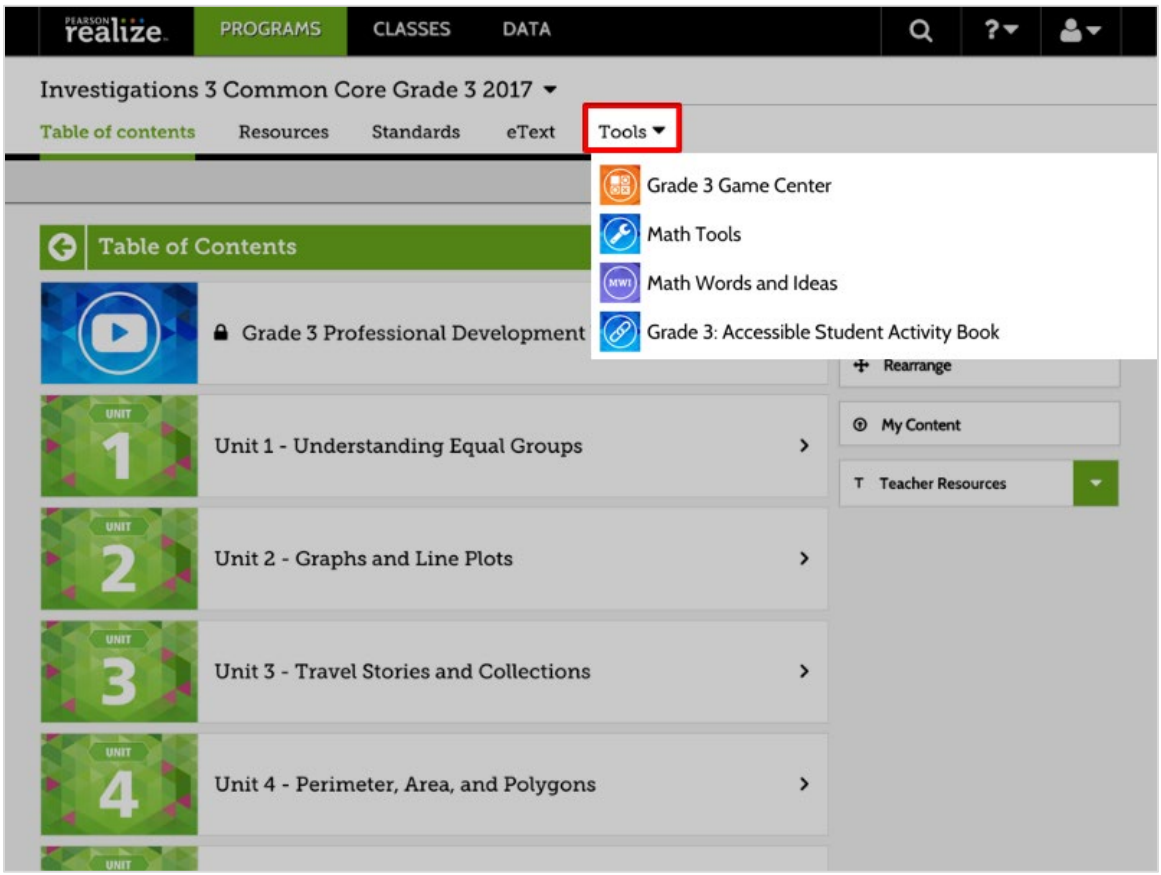
Tools



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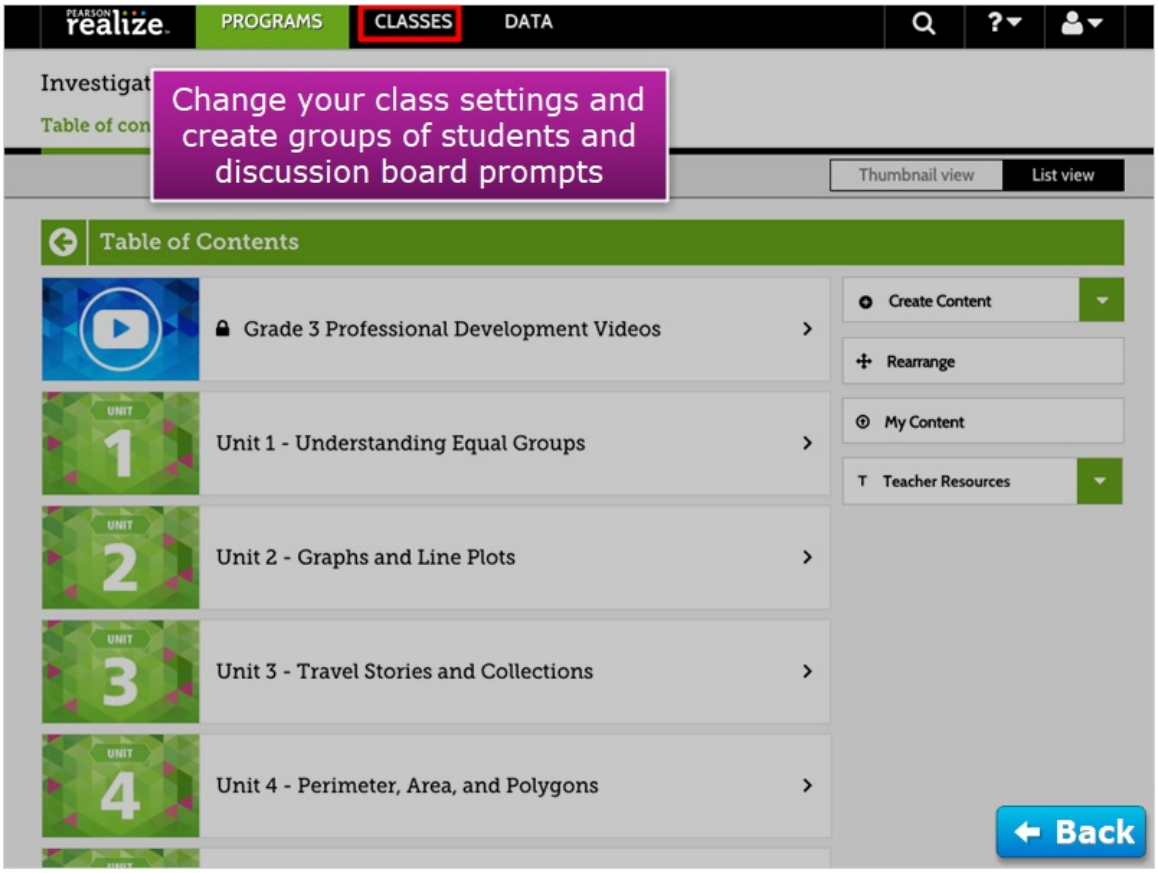
Classes


realize
PROGRAMS
CLASSES
DATA
Change your class settings and create groups of students and discussion board prompts
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Unit 2 - Graphs and Line Plots
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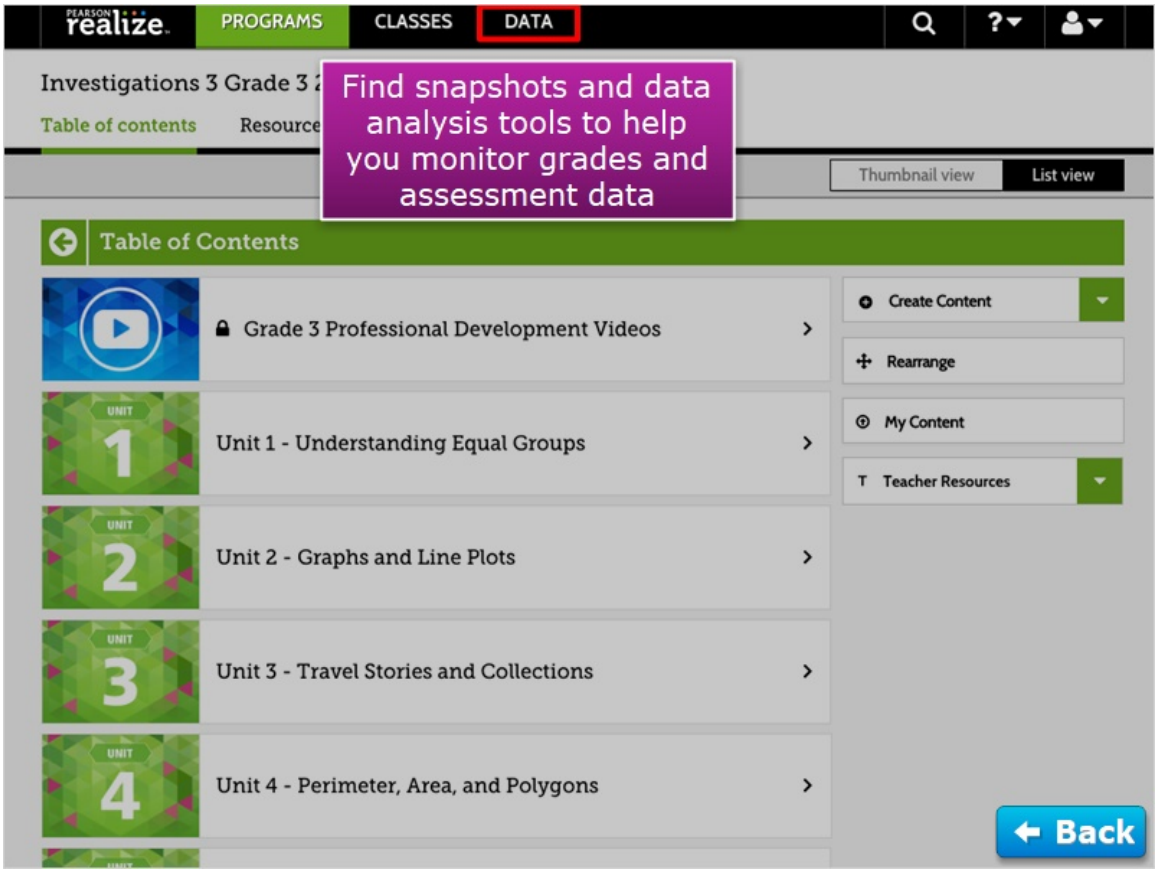
realize
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Resource
Find snapshots and data analysis tools to help you monitor grades and assessment data
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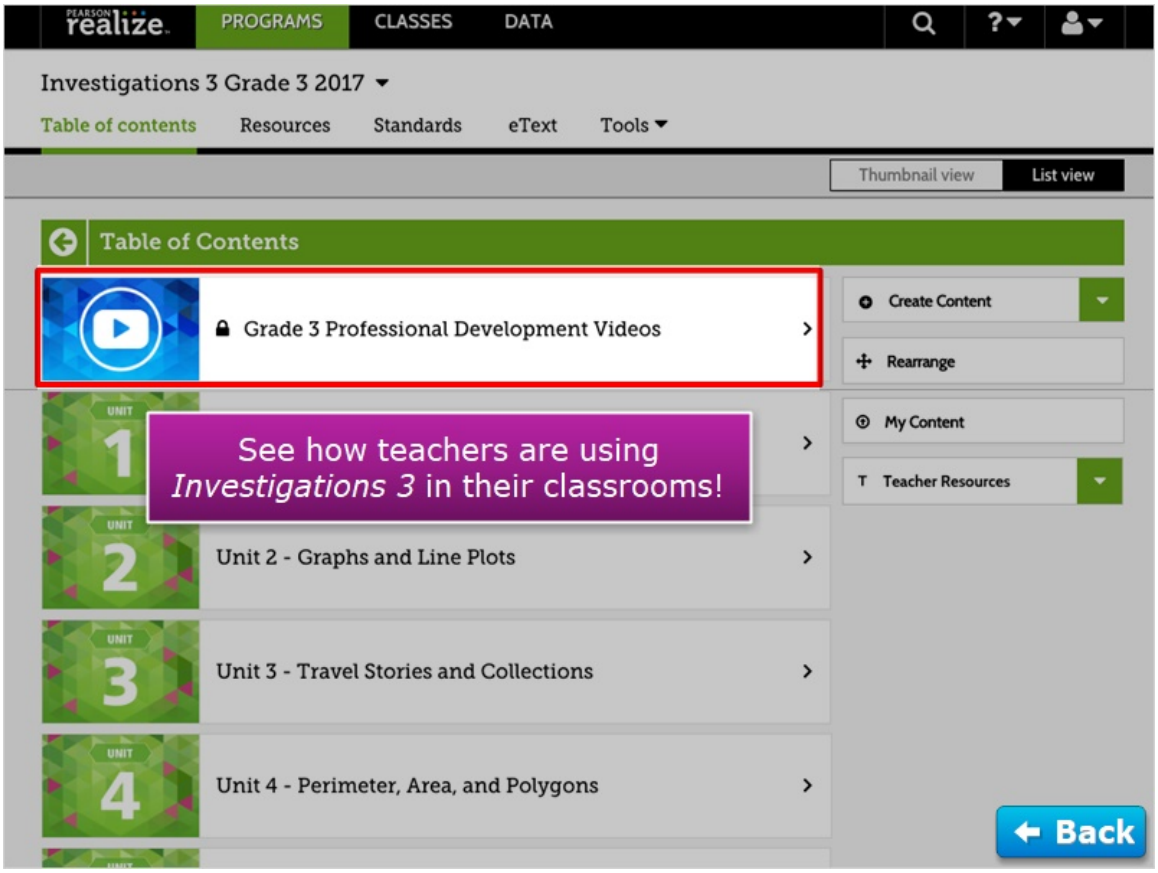
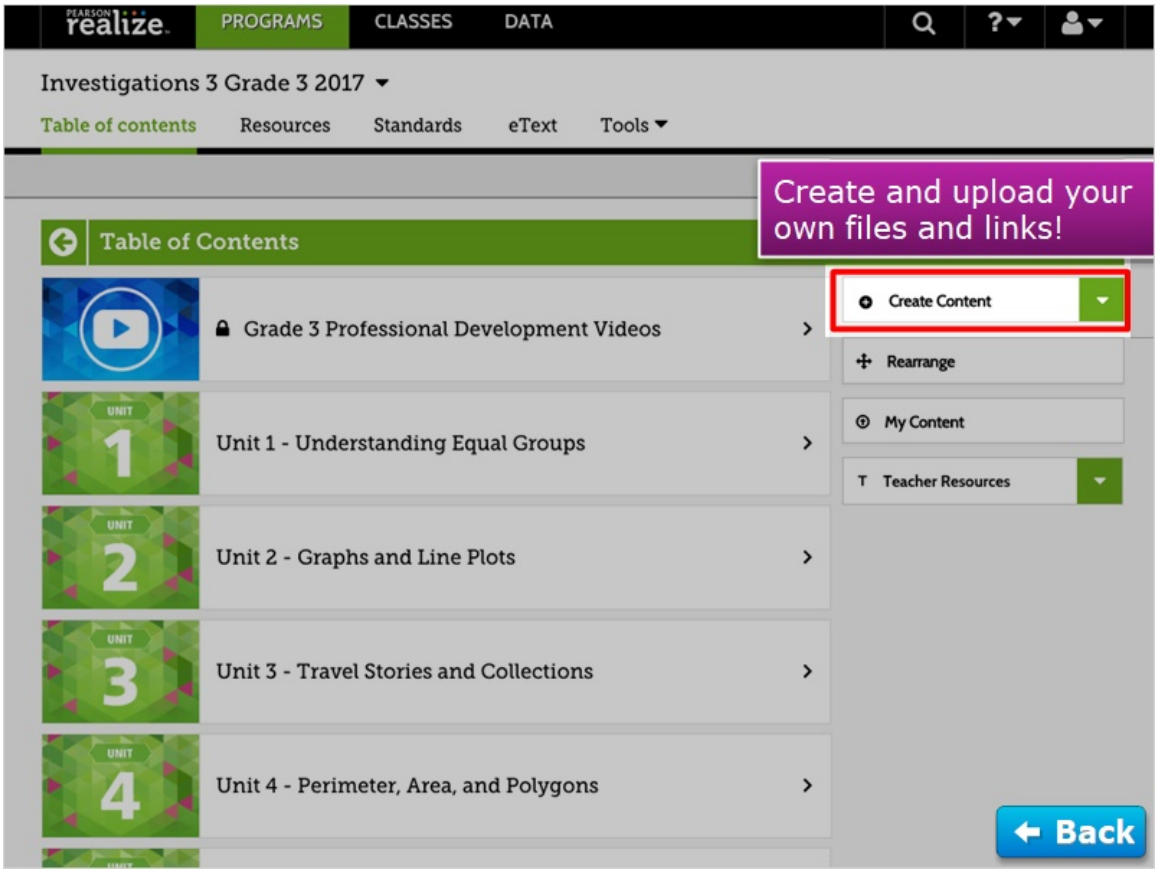
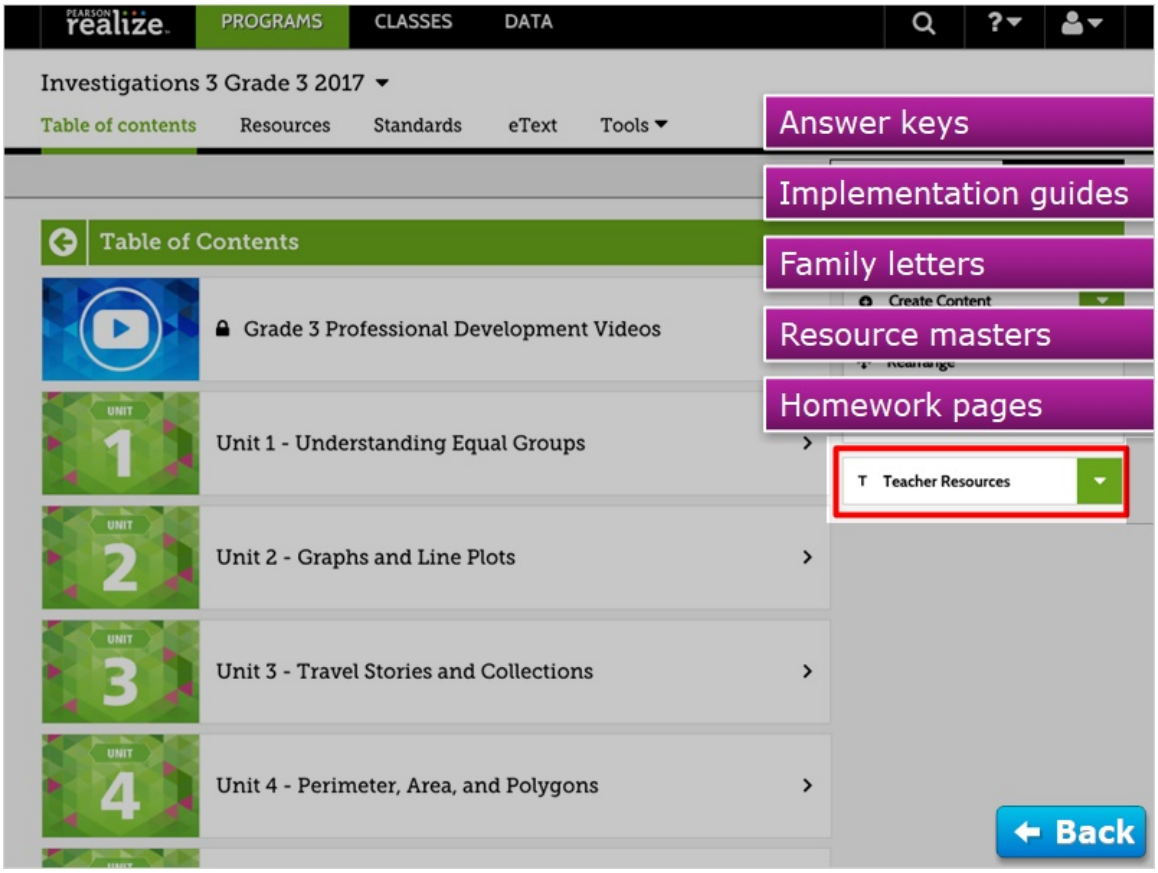
Professional Development Videos



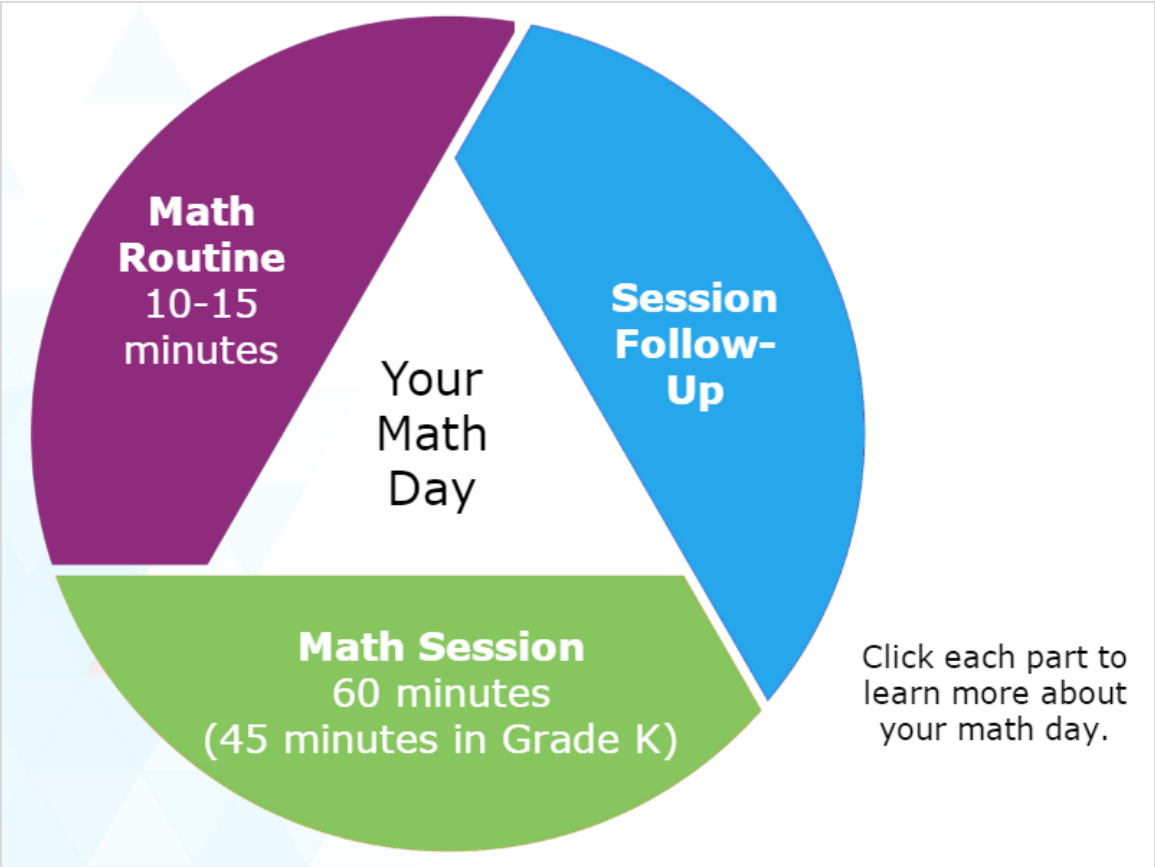
Create Content



Teacher Resources



A Day in the Life

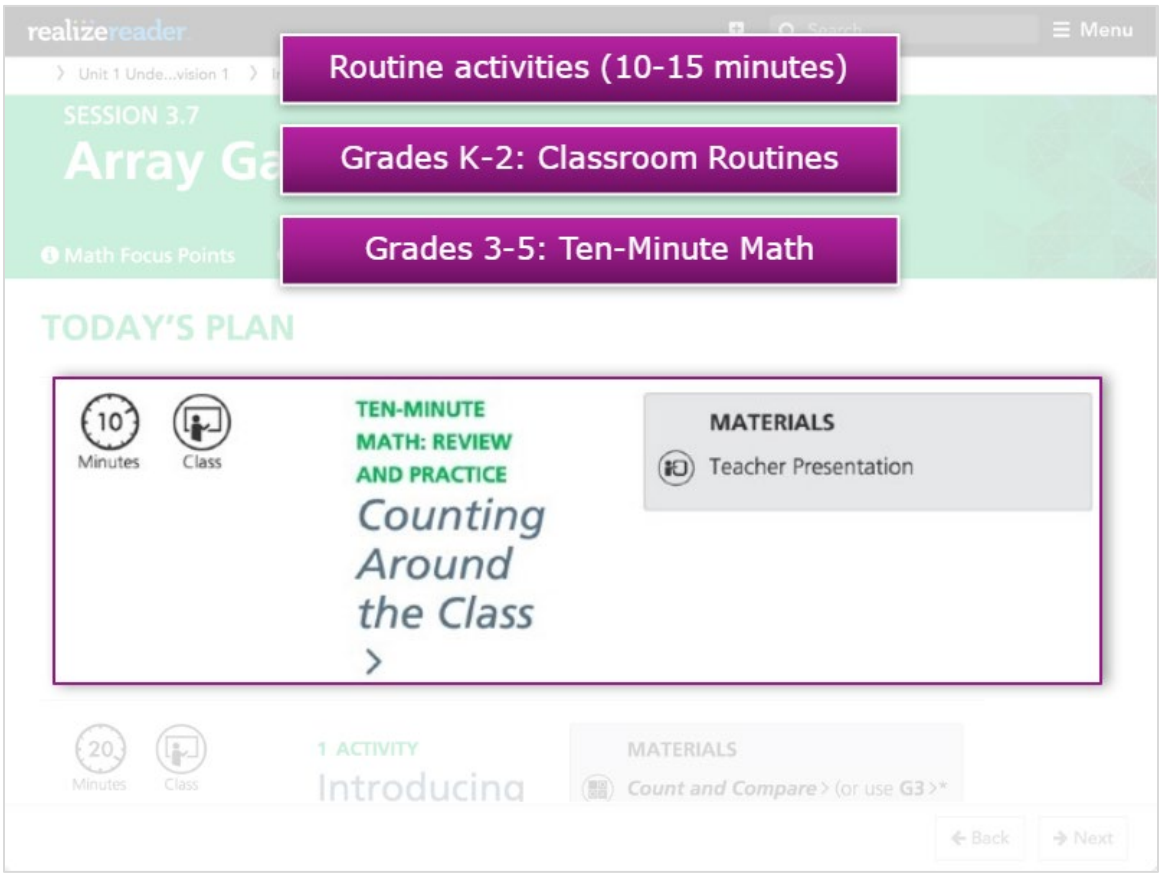


You may be wondering what a typical day looks like. The short answer is that every day is different. But here are a few things you can count on!

- A ten-to-fifteen-minute math routine
- A sixty-minute math session (or 45 minutes in kindergarten)
- And a Session Follow-Up

You can find each day's activities in Today's Plan in your Curriculum Unit or eText. Let's explore each of these.

Ten-Minute Math/Classroom Routines

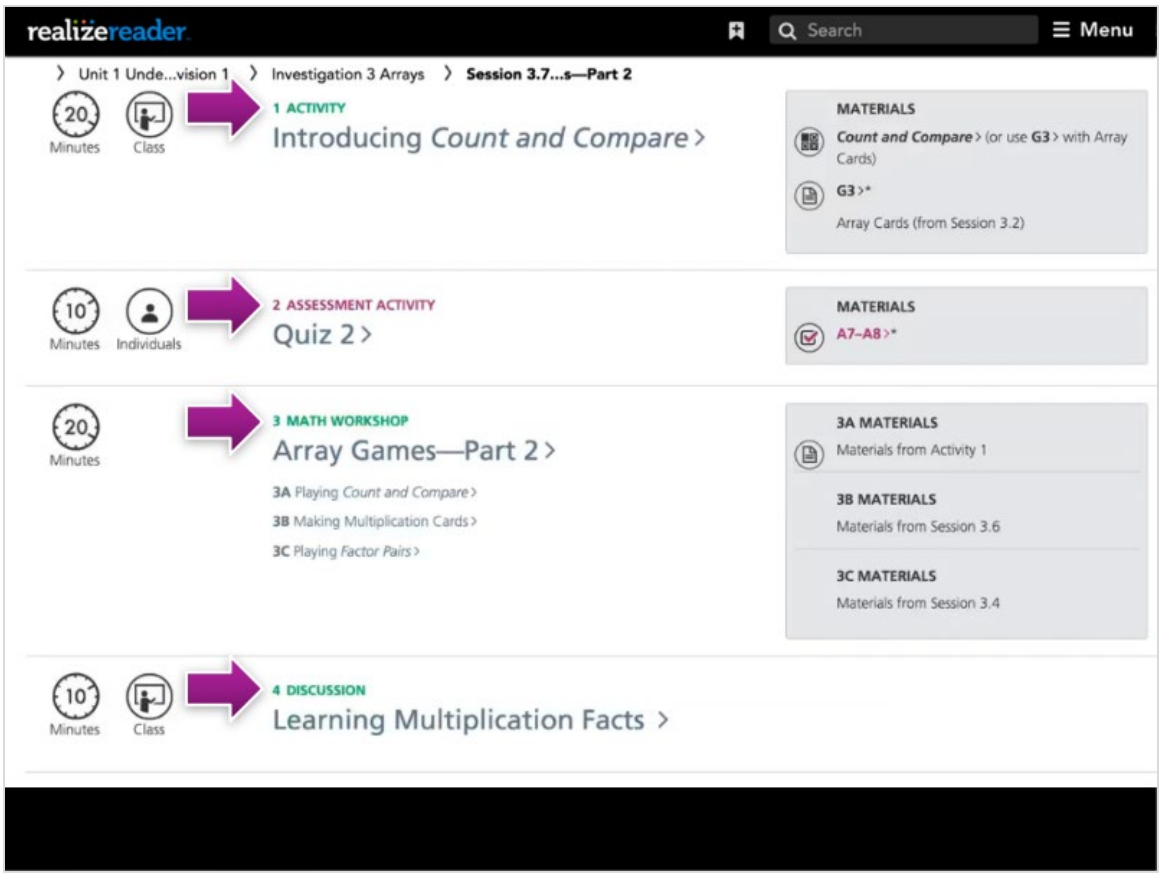


Routines are brief, 10-to-15-minute routine math activities outside of math time. In Grades K through 2, these are called "Classroom Routines." In Grades 3 through 5, they're called "Ten-Minute Math."

You may already do similar routines like Calendar Math in your classroom.

Investigations 3 considers routines a critical part of the math day. They support flexible strategic thinking and offer ongoing practice. Resist the urge to skip routines. It won't be long before you begin to notice improvements in your students' mental math fluency-no worksheets required!

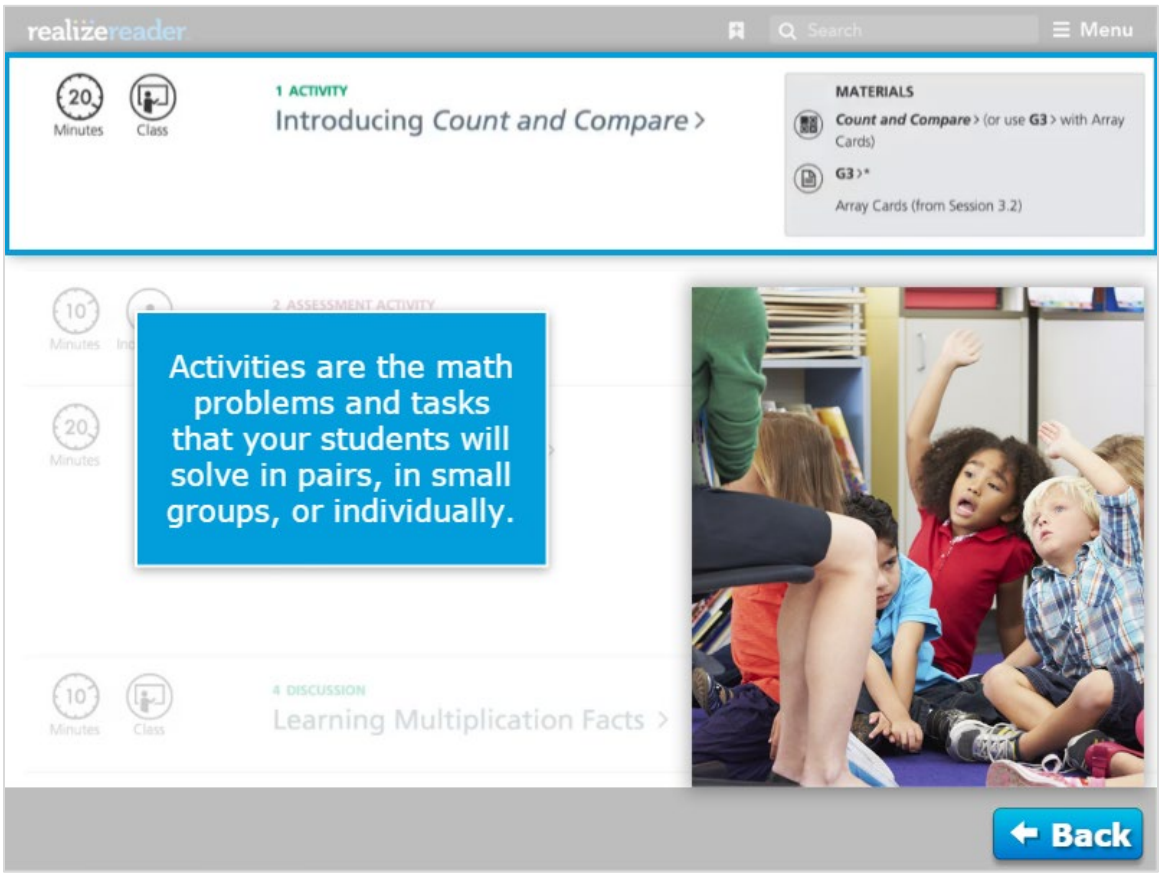
Sixty-Minute Math Session



Your dedicated 60-minute math session includes a combination of activities, discussions, math workshops, and assessments. Click each type to learn more about it.

Your 60-minute math session will draw from these different types of activities, but each session's breakdown will look a little different.

Activities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Search
Menu
20
Minutes
Class
1 ACTIVITY
Introducing Count and Compare >
MATERIALS
Count and Compare > (or use G3 > with Array Cards)
G3 >*
Array Cards (from Session 3.2)
10
Minutes
2 ASSESSMENT ACTIVITY
20
Minutes
Activities are the math problems and tasks that your students will solve in pairs, in small groups, or individually.
10
Minutes
Class
4 DISCUSSION
Learning Multiplication Facts >
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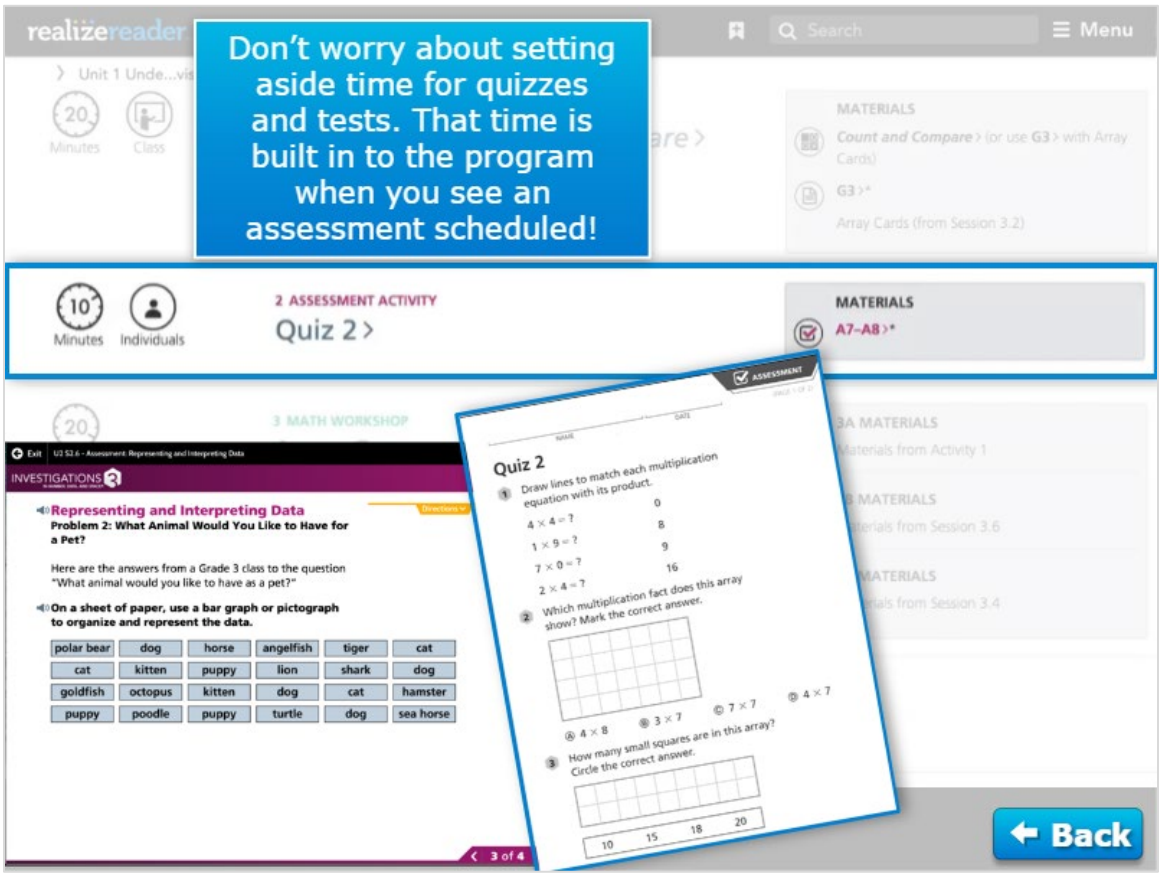
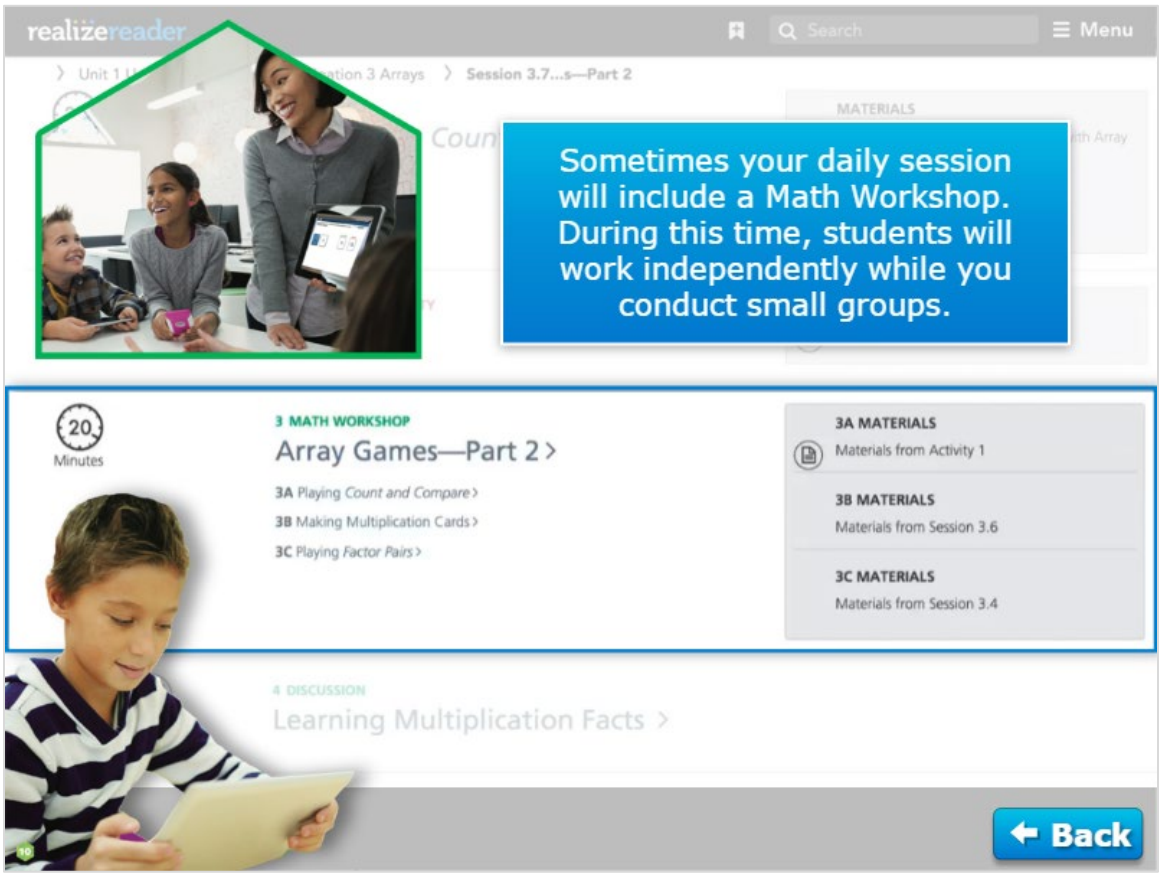
Assessments



Workshops


realizereader
Search
Menu
Session 3.7...s—Part 2
MATERIALS
Sometimes your daily session will include a Math Workshop. During this time, students will work independently while you conduct small groups.
20
Minutes
3 MATH WORKSHOP
Array Games—Part 2 >
3A Playing Count and Compare >
3B Making Multiplication Cards >
3C Playing Factor Pairs >
3A MATERIALS
Materials from Activity 1
3B MATERIALS
Materials from Session 3.6
3C MATERIALS
Materials from Session 3.4
4 DISCUSSION
Learning Multiplication Facts >
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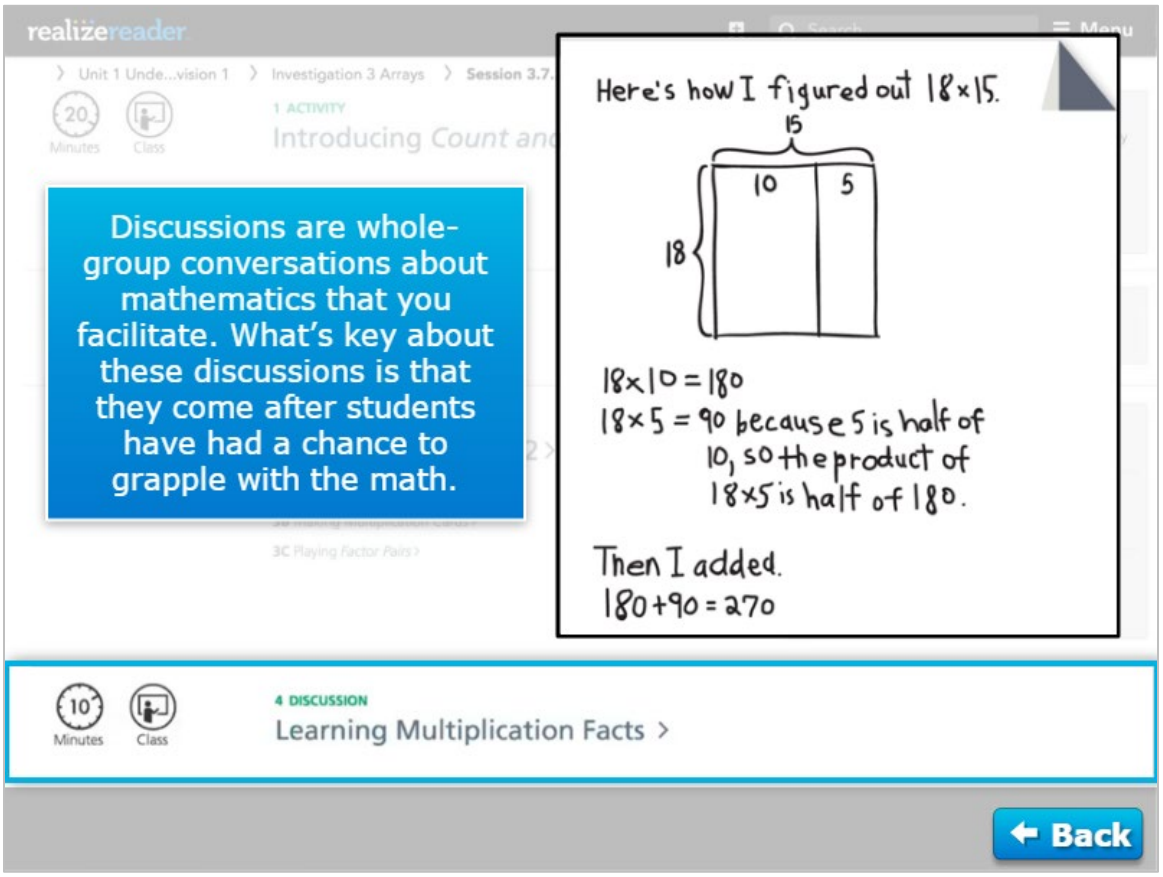
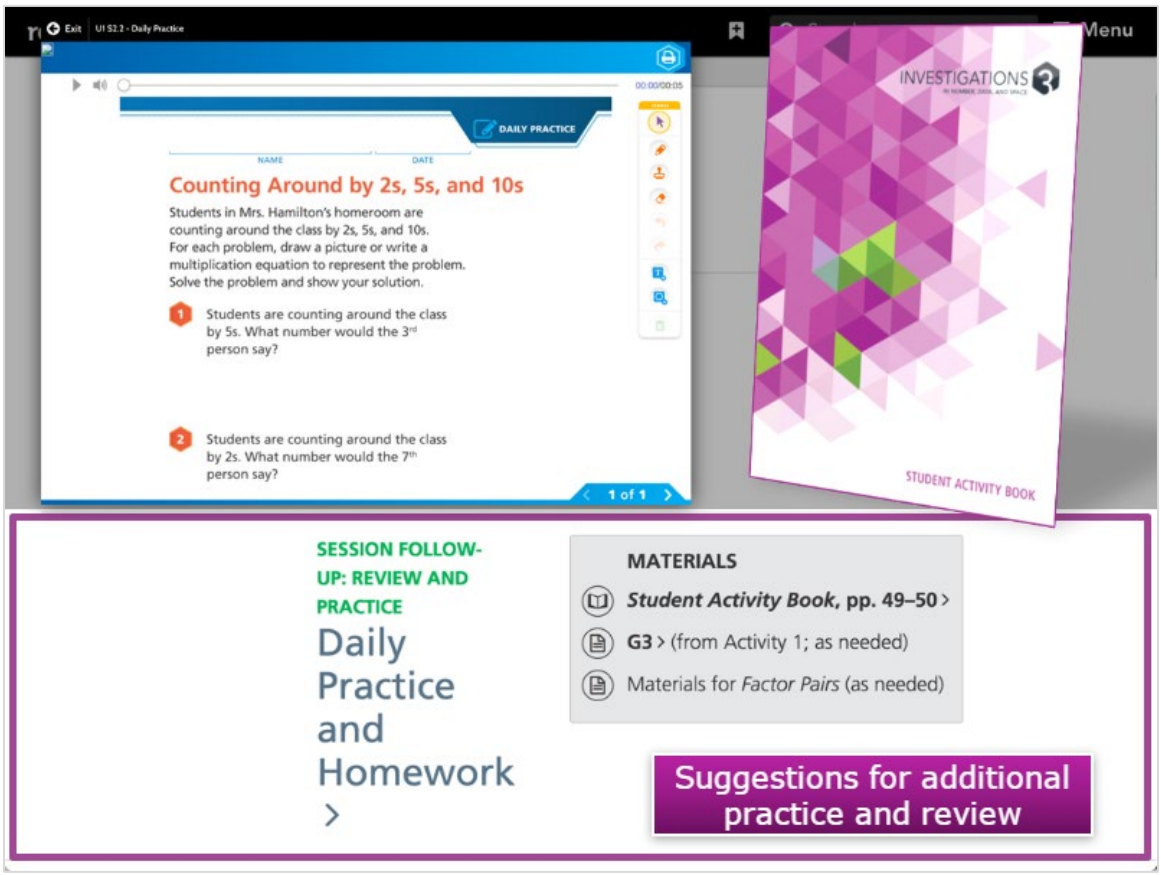
Discussions



Session Follow-Up

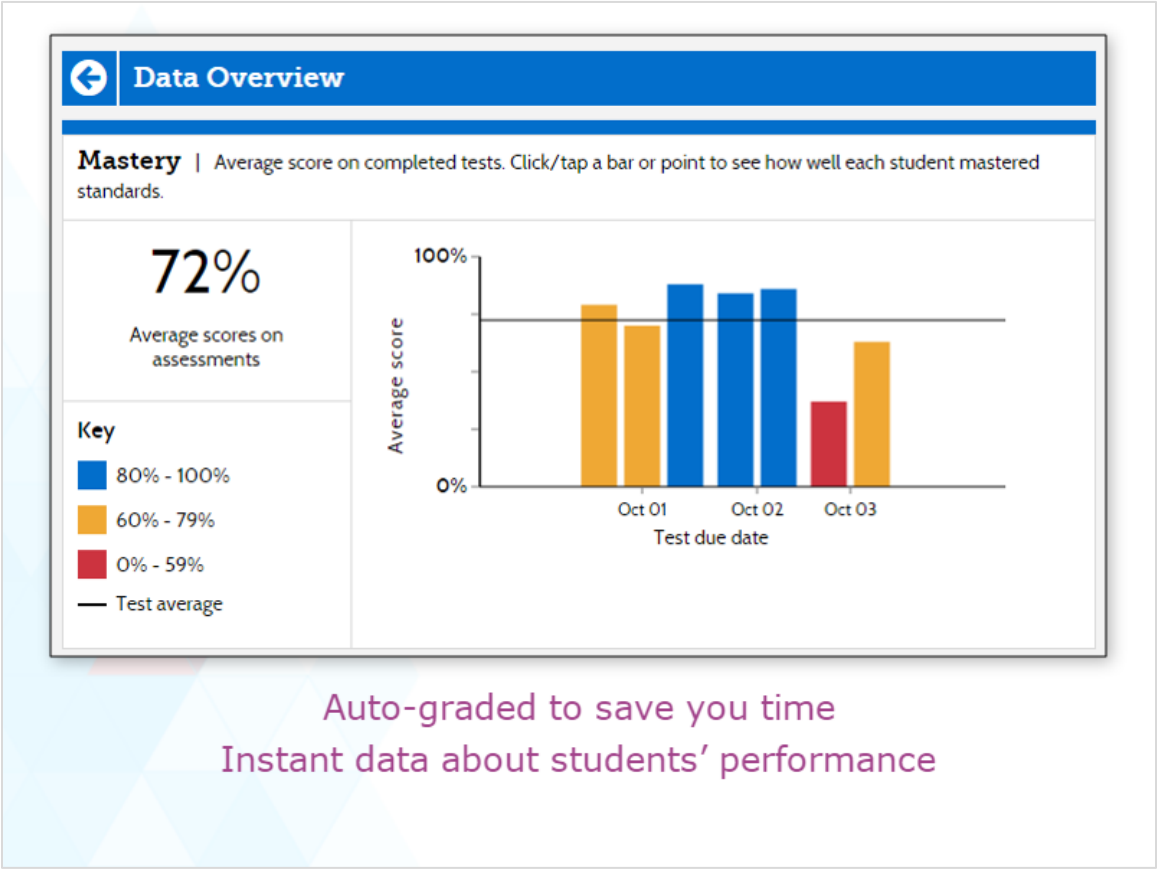


Following every 60-minute math session will be suggestions for additional practice and review. Typically, students will complete these activities independently in their *Student Activity Book* or on Savvas Realize™. You will also find homework assignments in the Session Follow-Up.

How Do I Monitor Learning?

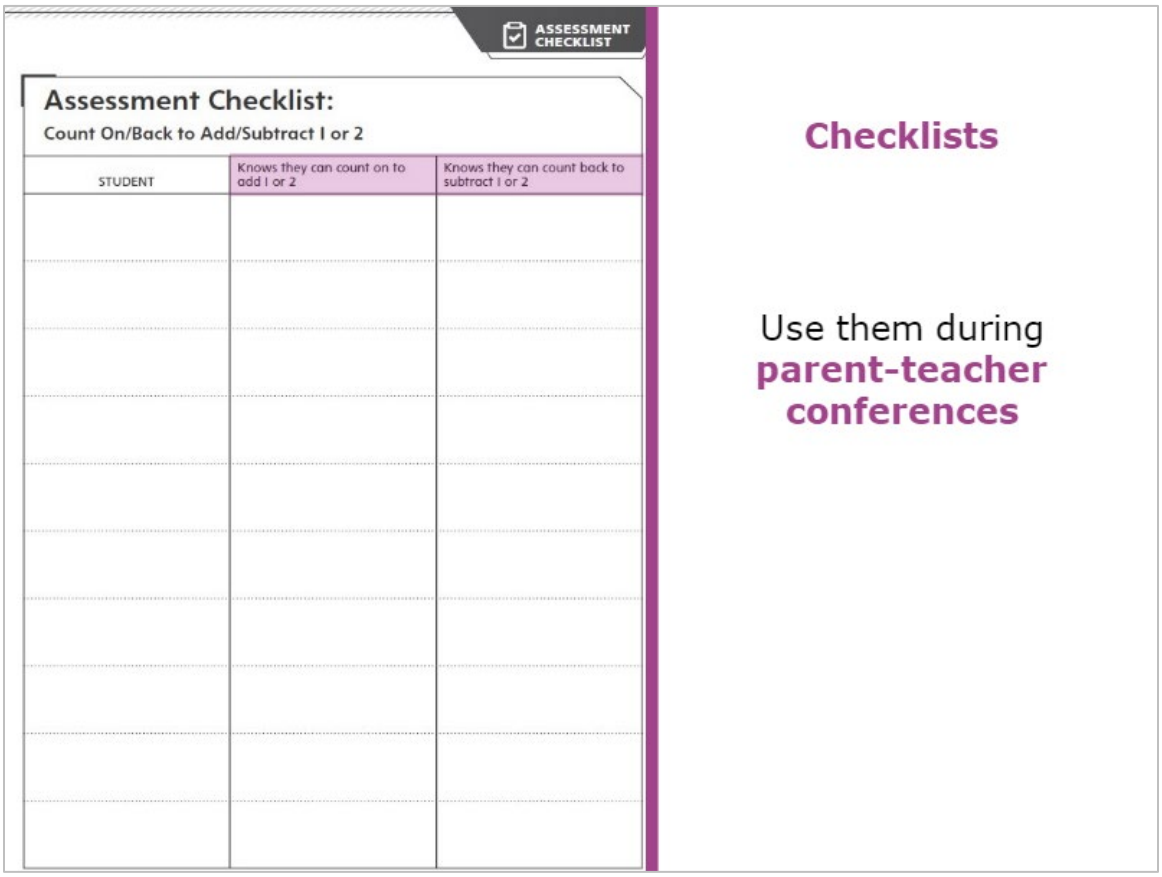
Now, let's talk about how we can capture what students are learning through assessment.

Quizzes and Tests



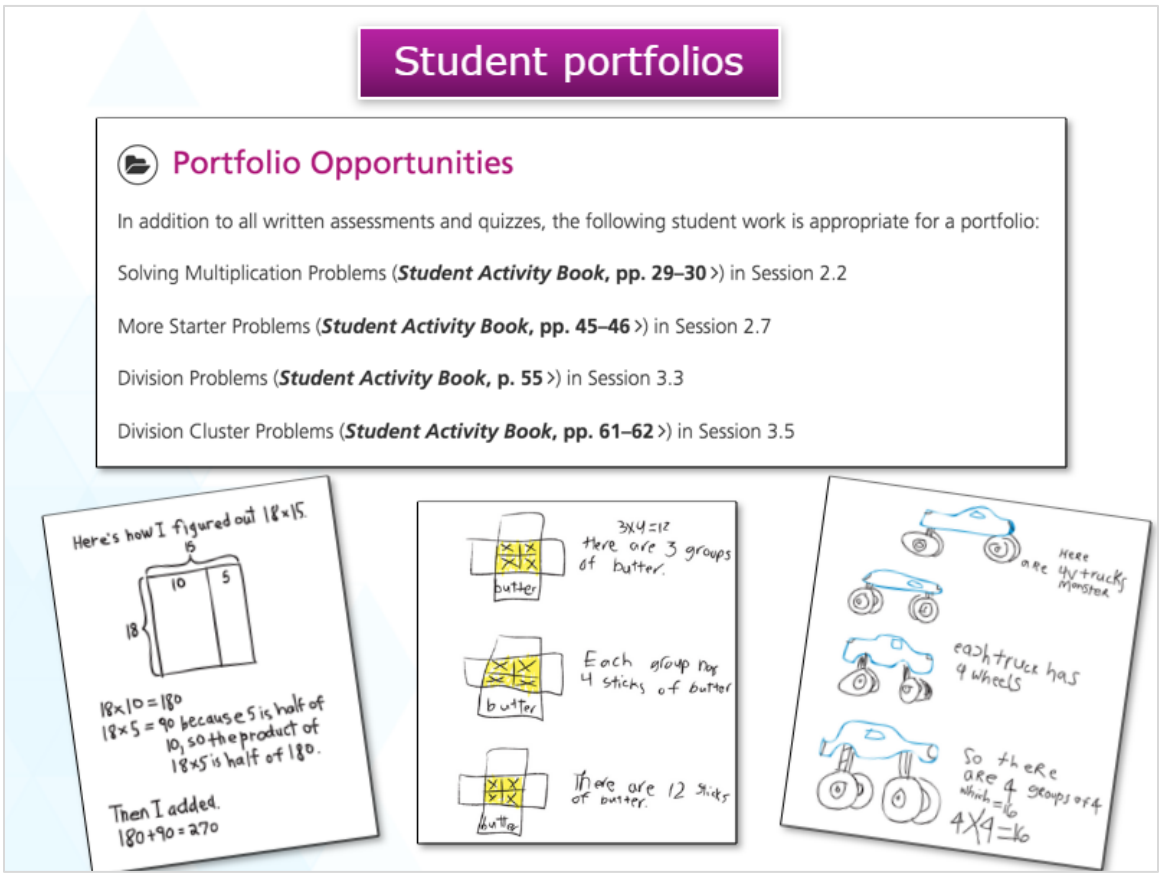
Some types of assessments might be familiar to you already. In addition to the print and digital quizzes you saw earlier, you'll find Savvas-created Beginning-of-Year, End-of-Year, and Unit Tests on Savvas Realize™. Not only are these Next Generation interactive assessments, but also they are auto-graded to save you time and show you instant data about your students' performance. Don't worry, kindergarten teachers- all of your assessments are observational.

Observational Assessments



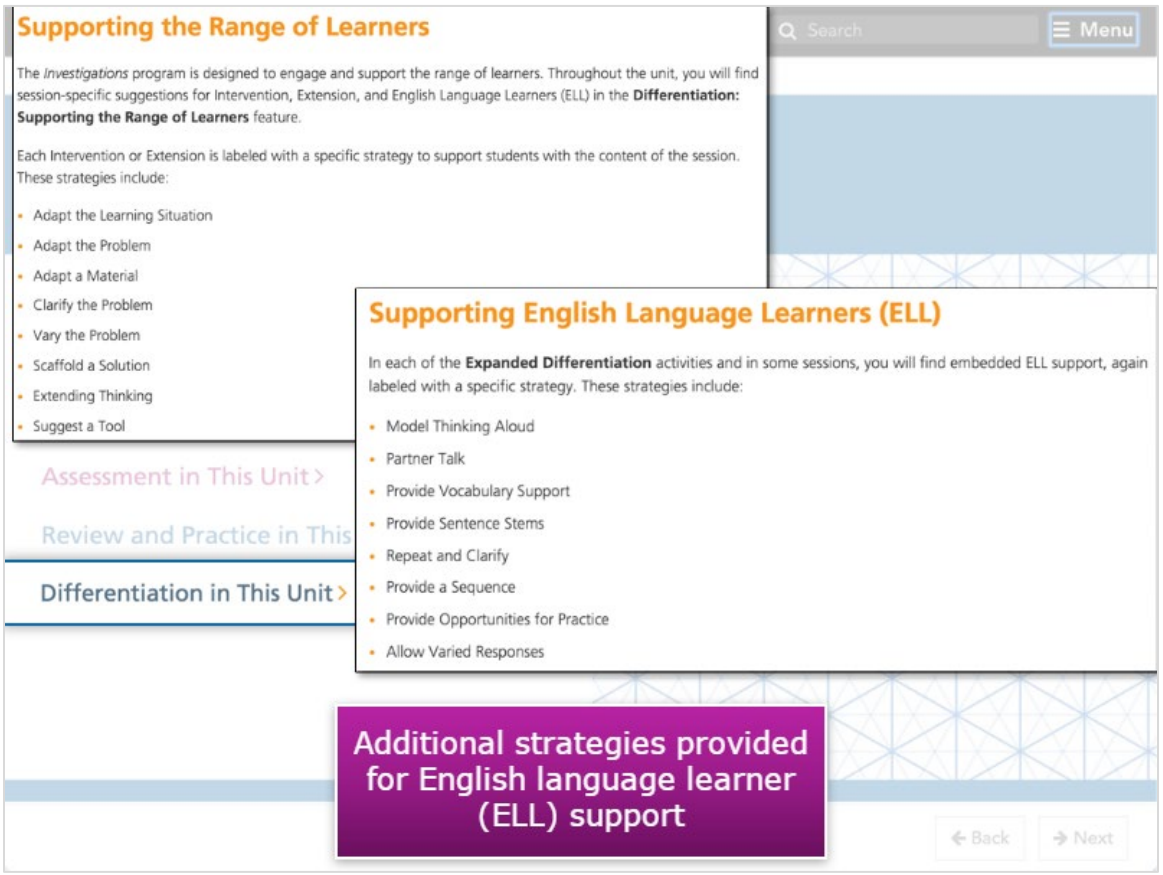
Investigations 3 incorporates informal assessment opportunities that rely on your observations of students as they work. My favorite assessment resources are these handy-dandy checklists. They show you what kinds of things to look for as you check in with your students. You'll find them useful for parent-teacher conferences!

Portfolio Opportunities



Another way to document student learning is through student portfolios. Check the "Assessment in This Unit" for a list of recommended Portfolio Opportunities in each unit.

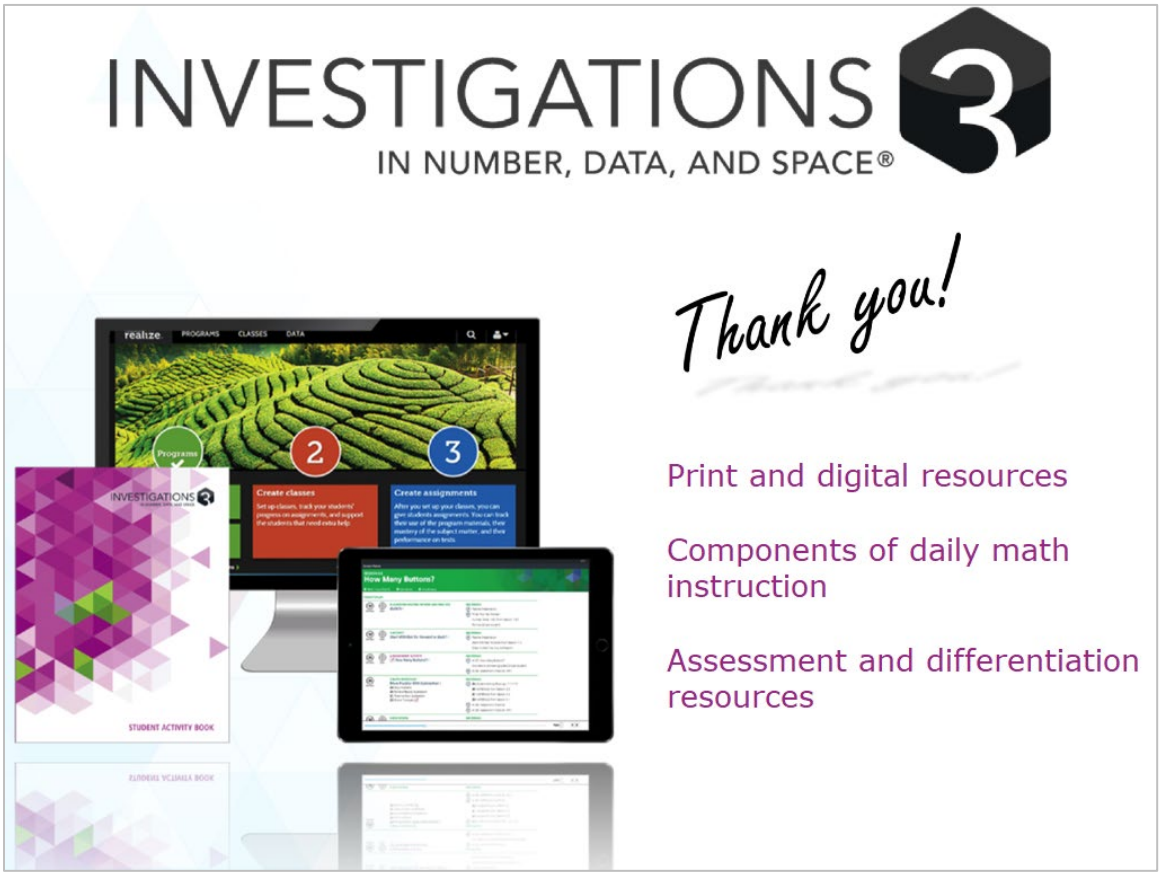
Differentiation



If you're anything like me, you know how challenging it can be to meet the unique needs of all students in your classroom.

Differentiation strategies for your range of learners, including English language learners (or ELLs), are embedded directly into each session. You'll also find expanded differentiation activities for intervention, practice, and extension-level support at the end of each Investigation.

Closing



So what are the big takeaways? *Investigations 3* is a blended program that includes both print and digital resources to choose from. Your math day will consist of a math routine plus a sixty-minute math block that's different every day. And finally, the assessments and differentiation opportunities reflect careful consideration of what your students know and can do mathematically.

Thank you for joining me for this tutorial!