

Elevate Science 2019 Program Overview

Home



Hi, I'm Becky, and I'll be your learning partner for this tutorial. If you're anything like me, getting a new science curriculum can feel exciting but also a little overwhelming!

In this tutorial, we'll go through the basics of teaching with Elevate Science 2019 and how it can equip you to support a culture of scientific inquiry in your classroom.



Program Materials



You've received a package of books and materials along with a digital subscription to Savvas Realize. So, now what?

Let's look at both the print and digital versions of the program components to see how they will help you plan and teach your science lessons.

Your print Teacher's Edition mirrors the Student Edition but also contains additional front and end matter and embedded supports on each page.

The Student Edition contains reading selections, activities, lab sheets, assessments, and more. The *Nature of Science Handbook* at the end of the text contains information and activities around the science and engineering practices.

Students can complete these activities in their writable print version or the Realize Reader Student eText. Many students will love the option to hear the text. Students can also download some activities as a Word doc, and starting in Grade 2, students can answer questions in a digital notebook that you can view and grade! Here's a link to a tutorial that will show you how to do just that.

Students can also complete interactive versions of activities on Savvas Realize.

In addition to the primary textbooks, you've got print and digital versions of Leveled Readers and STEM

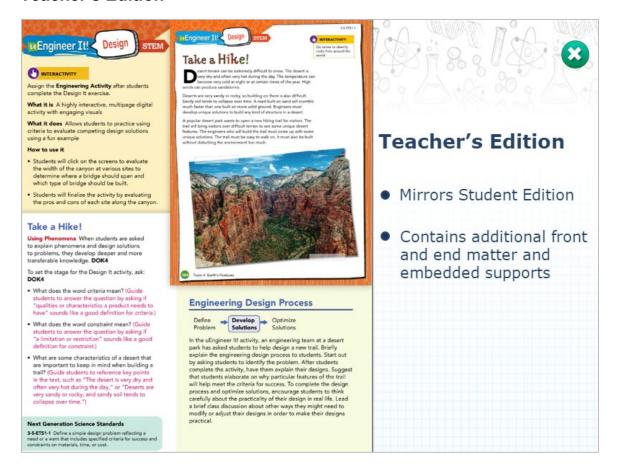


Engineering Readers that correspond to each topic-perfect for differentiating. The digital books offer audio read-aloud and annotation features.

You may have also received equipment materials that you can use during hands-on activities and labs. Didn't receive any materials kits? Fortunately, most of the materials are common items that you can gather. A list of these items is found at the beginning of each topic in the Teacher's Edition. Or use the virtual labs instead!



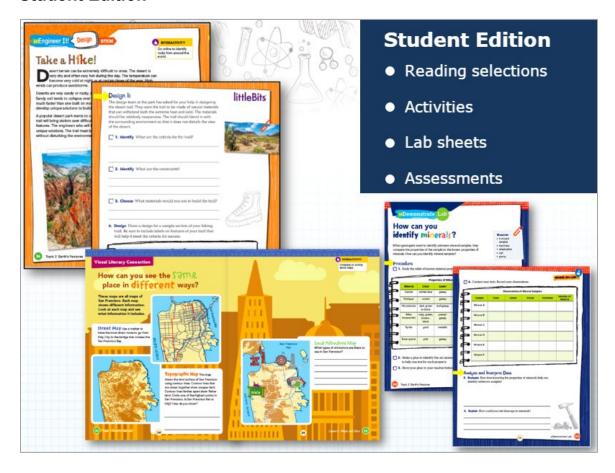
Teacher's Edition



Your print Teacher's Edition mirrors the Student Edition but also contains additional front and end matter and embedded supports on each page.



Student Edition



The Student Edition contains reading selections, activities, lab sheets, assessments, and more. The Nature of Science Handbook at the end of the text contains information and activities around the science and engineering practices.

Students can complete these activities in their writable print version or the Realize Reader Student eText. Many students will love the option to hear the text. Students can also download some activities as a Word doc, and starting in Grade 2, students can answer questions in a digital notebook that you can view and grade! Here's a link to a tutorial that will show you how to do just that.

Students can also complete interactive versions of activities on Savvas Realize.



Leveled Readers



In addition to the primary textbooks, you've got print and digital versions of Leveled Readers and STEM Engineering readers that correspond to each topic—perfect for differentiating. The digital books offer audio read-aloud and annotation features.



Materials Kits



You may have also received equipment materials that you can use during hands-on activities and labs. Didn't receive any materials kits? Fortunately, most of the materials are common items that you can gather. A list of these items is found at the beginning of each topic in the Teacher's Edition. Or use the virtual labs instead!



Typical Lesson



Before we look at the lesson detail, let's zoom out a little. First and foremost, make sure you've set up each topic with the Quest Kickoff.

In the Quest, students meet a career scientist who presents an interesting real-world problem to solve, like finding buried treasure! The Quest presents a problem for students to solve using the science content and practices in that topic. They'll complete check-in activities during lessons as they develop ideas, and then they'll present their findings at the end of each topic.

Now, you asked about a lesson, so let's dig in!

Just remember-Connect, Investigate, Synthesize, Demonstrate. These four things describe what students will be doing in each lesson phase. And follow the 5E inquiry process of Engage, Explore, Explain, Elaborate, and Evaluate.

Connect activities build background knowledge that can help students engage with the phenomena and make sense of the lesson's context.

Investigate activities are my favorite. This is where you'll find labs and videos where students explore the scientific phenomena.

Next, they synthesize what they've experienced through activities like interactivities, Quest Check-Ins, and



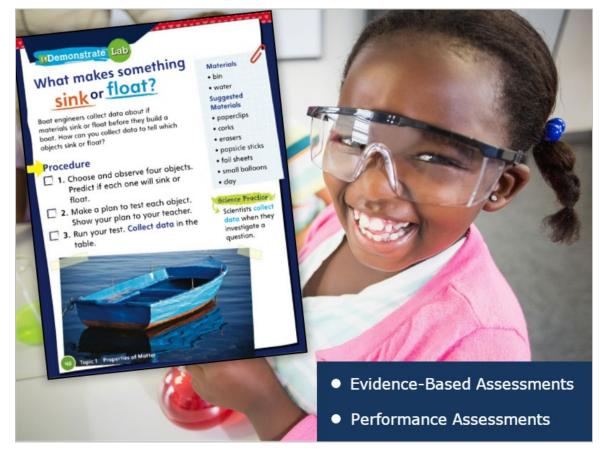
classroom discussions to test out their ideas on a problem situation to see what works and why.

Finally, they'll demonstrate what they've learned through a Quiz and maybe a Quest Check-In.

Don't forget the Topic Close, where students will put what they've learned into their Quest Findings!



Assessment and Differentiation



You'll find assessments at the end of each lesson, at the end of each topic, and in the Program Resources folder on Savvas Realize. Let's look at a few of my favorites.

Elevate Science includes more traditional forms of assessment that show what students know, but you'll love the Evidence-Based Assessments and Performance Assessments at the end of each topic that show you what students know how to do, including designing and running their own lab experiments! And don't forget the Quest Findings, where students present their findings based on the ideas they have been developing and refining over the course of a topic.

All of this may sound like a lot for your little ones, but Elevate Science educators believe that all students can engage in meaningful scientific inquiry! So let's find out how.

Look for these sections in your Teacher's Edition for tips on differentiating to all students-struggling students, English language learners, and advanced learners.

If some of your students struggle with reading, they can use the audio support features in the Realize Reader eText to have the text read aloud to them.

Find out more about digital and auto-graded assessment options and data in these tutorials!



Digital Materials



The Assignments option provides information on the status of your assignments.

You may be wondering how useful the digital program will be if computers are in short supply for your students. But guess what? Even with a single computer, you can blend in the digital resources. And you don't want to miss the incredible videos and interactivities that Realize has to offer!

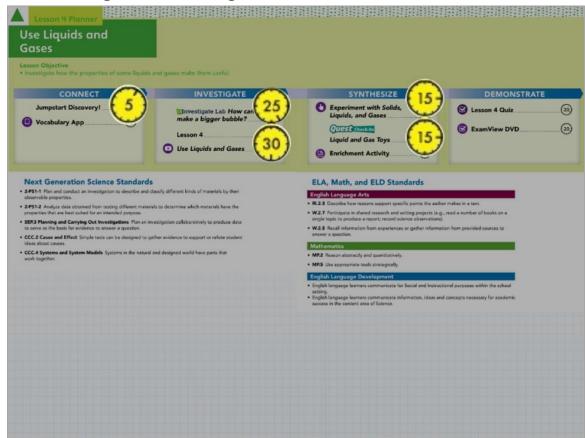
Use the activities on Realize to project for the class or assign individually for students to complete on their own.

Feeling a little shaky about navigating and using the Realize platform? Here are some additional tutorials you can visit to learn more on My Savvas Training. Click any link to open it in a new window.

And if that's not enough, there's plenty more!



Time Management Strategies



As a former elementary teacher, I know how difficult it can be to find time for teaching science when other subjects seem to always take priority. So if you're pressed for time, use the Lesson Planner to find each lesson's core activities. They're indicated by a yellow clock.

Also, here's a little secret between us. Use those Literacy Connections, Leveled Readers, and STEM Math Connections to bring Elevate Science activities into your math or literacy blocks! You can't go wrong when the standards are listed right there in the Teacher's Edition!



Closing



Thanks for joining me. For additional Elevate Science tutorials, please visit MySavvasTraining.com.