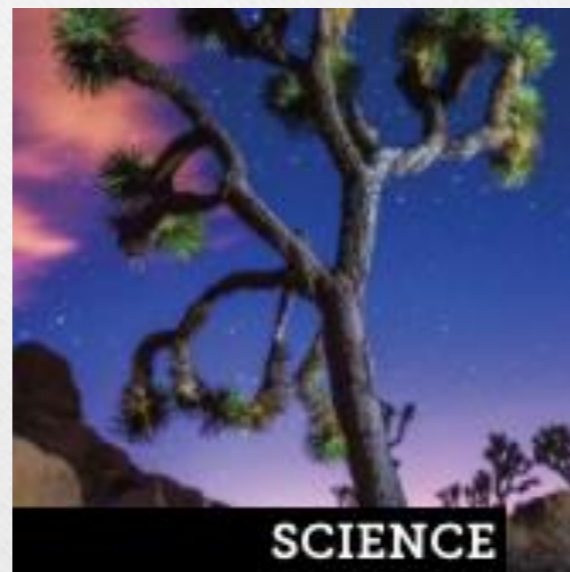


Coronado Middle School Science

Pearson Elevate Science Integrated Model



California Elevate Science
Integrated Segments Grade 6



California Elevate Science
Integrated Segments Grade 7



California Elevate Science
Integrated Segments Grade 8

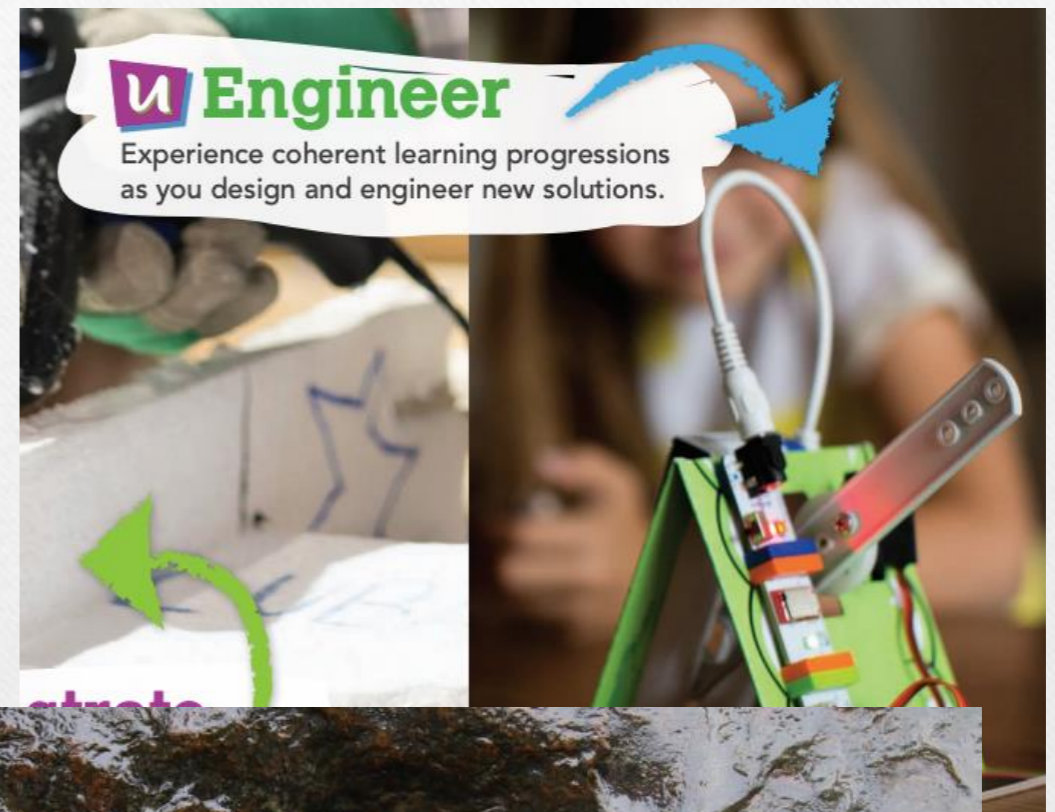
Pearson Realize



- Provides inquiry-based rigorous content aligned with all three dimensions of NGSS
- Phenomena based 5E model of instruction for connecting content to the real world
- Opportunities for differentiation for all learners
- Interactive, collaborative, and engaging for students

Student Engagement

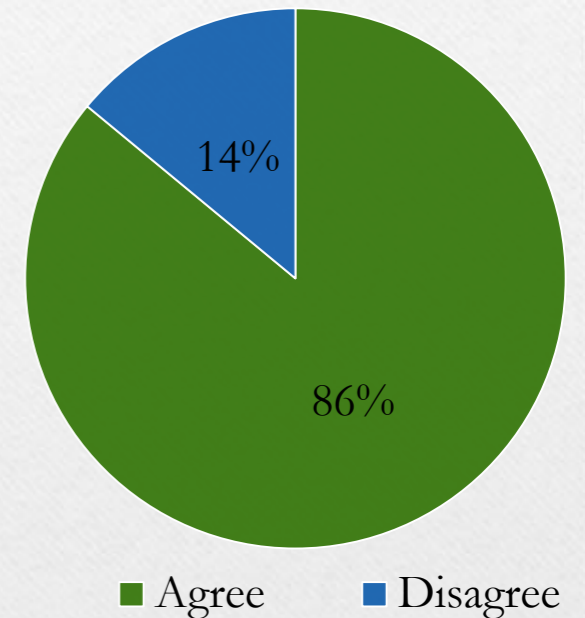
1. Every topic has a Project/Problem Based Learning opportunity.
2. Every topic has an engineering task.
3. Every lesson has at least one hands-on activity.
4. Topic phenomenon based in CA to connect to the world directly around students



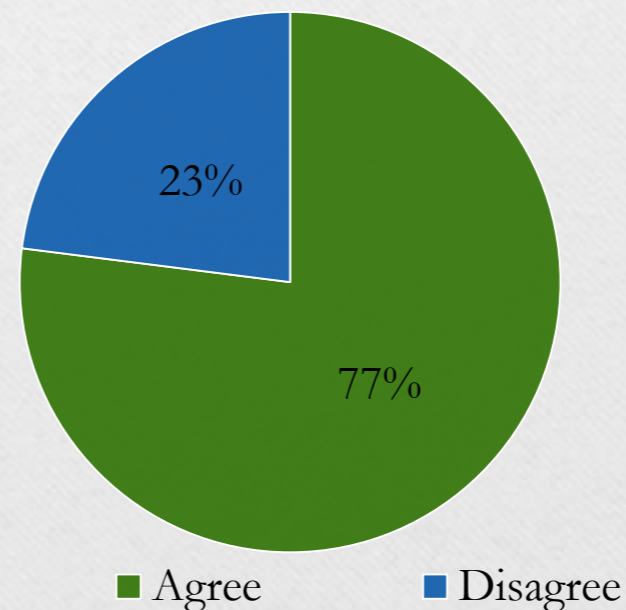
Student Engagement and Feedback

1. Every topic has a Project/Problem Based Learning opportunity.
2. Every topic has an engineering task.
3. Every lesson has at least one hands-on activity.
4. Topic phenomenon based in CA to connect to the world directly around students

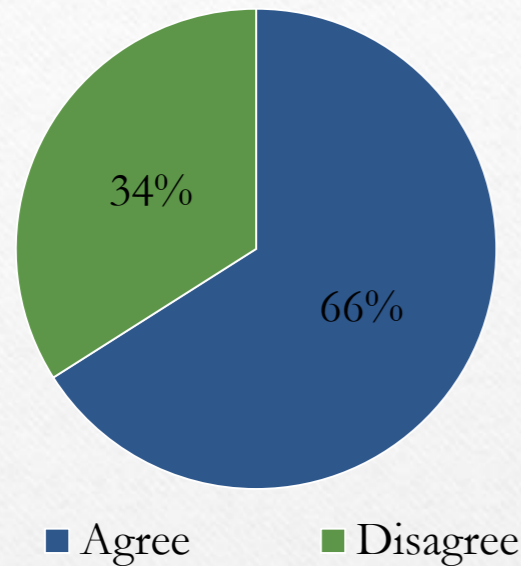
Paced in a way I could learn



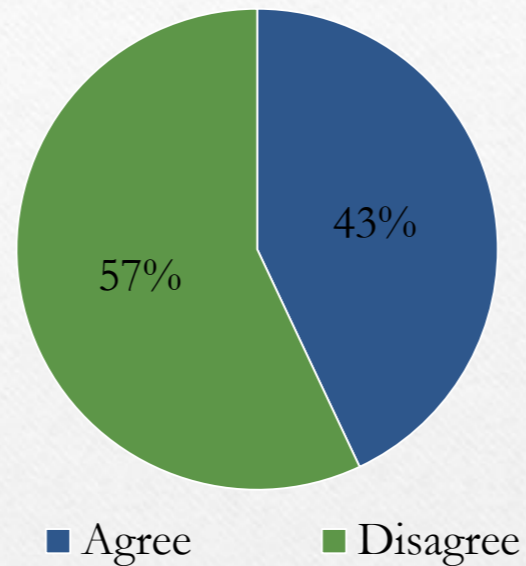
Promoted critical thinking



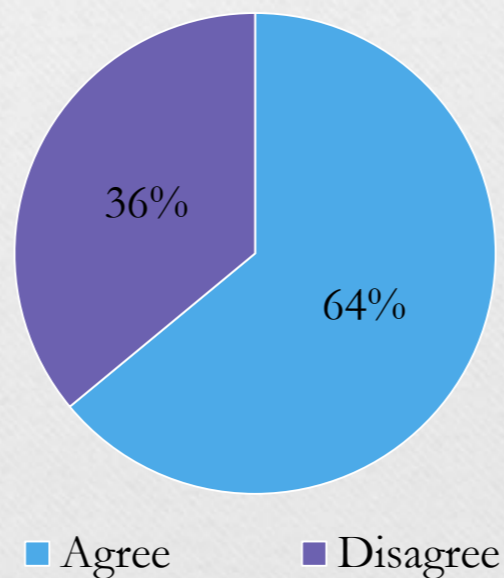
Pearson: Fun and engaging way to learn science



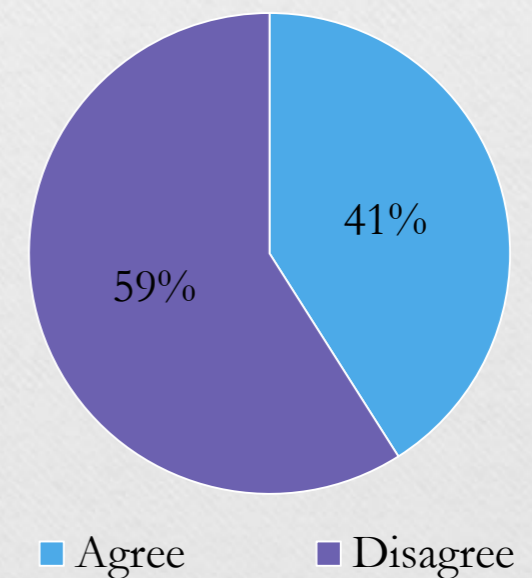
TCI: Fun and engaging way to learn science



Pearson: Enthusiastic and interested in science



TCI: Enthusiastic and interested in science



California Elevate Science engages students in phenomena through the three dimensions of the CA NGSS. This coherent K-8 curriculum creates a tight learning progression that ensures student success on the CAST.

California Elevate Science uses **relevant local interests** to build on what students know, encourages them to **ask questions**, and challenges them to **solve real-world problems**. This is illustrated through a series of Instructional Segments called California Spotlights.

Scientific and Engineering Practices

The SEPs are the driving factor in creating an active learning environment. Students answer questions and solve problems through phenomena-based, real-world scenarios. Necessary tools are incorporated for students to experience first-hand open inquiry like a scientist and engineer.

Crosscutting Concepts

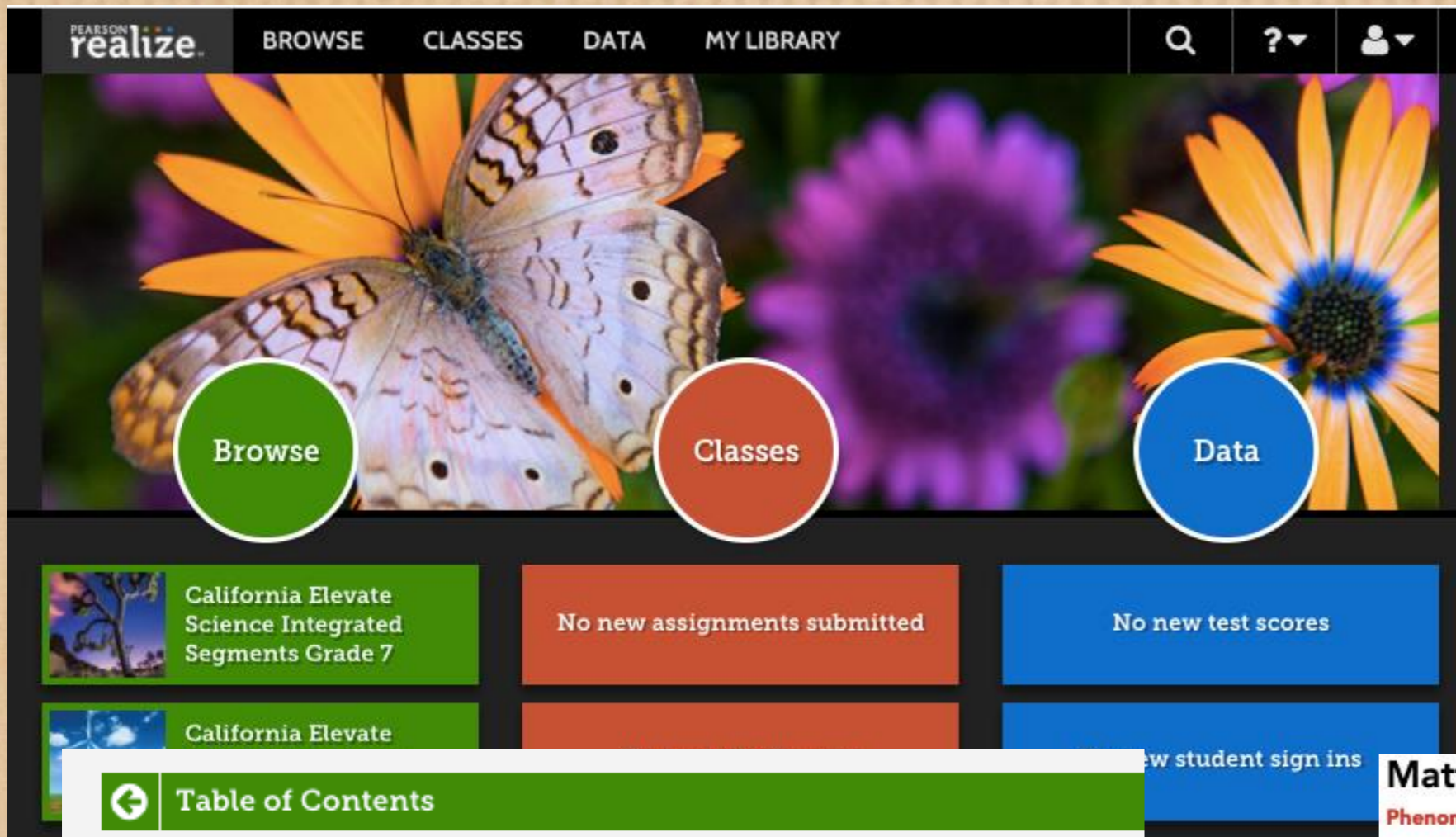
Students observe a phenomenon and begin to question if it is a single event or part of a larger cycle. This is achieved through various experiences within the California storylines, project-based learning activities, and numerous labs.

Phenomena

Phenomena immerses students in three-dimensional learning through storylines and real-world scenarios.

Disciplinary Core Ideas

Through the embedded application of DCIs, students develop understanding to the depth and breadth of scientific and engineering experiences as they prepare for college and careers.



Online platform is easy to navigate and is visually appealing.

Anchoring Phenomena connects all the topics within a segment together and are ALWAYS based in CA.

Matter in Mono Lake



Phenomenon Mono Lake is located in the Great Basin of California, just east of Yosemite National Park. It is one of just a few saltwater lakes in the United States. The area around the lake is home to insects, birds, rabbits, mule deer, and mountain lions.

It may not seem like the living and nonliving things at Mono Lake have much in common other than sharing the same space. But they are made of the same types of atoms.

Mono Lake is home to a variety of organisms and unique geological structures.



Each segment contains topics about a discipline of science. The Segments all start with Anchoring Phenomena.

← Topic 1: Introduction to Matter
<div>  <div> Topic Launch: Introduction to Matter <div> Info Teacher resources Customize </div> </div> </div>
<div> <div>1</div> <div> Lesson 1: Describing and Classifying Matter <div> Info Teacher resources Customize </div> </div> </div>
<div> <div>2</div> <div> Lesson 2: Measuring Matter <div> Info Teacher resources Customize </div> </div> </div>
<div> <div>3</div> <div> Lesson 3: Changes in Matter <div> Info Teacher resources Customize </div> </div> </div>
<div>  <div> Topic Close: Introduction to Matter <div> Info Teacher resources Customize </div> </div> </div>


Topics start with
Investigative Phenomena in
Topic Launch

← Lesson 1: Describing and Classifying Matter

☐ Select all

Engage

☐




Class Discussion: How Matter Is Like Words

Assign
Add to Playlist
Info

Explore


☐



Interactivity: What Makes Up Matter

Assign
Add to Playlist
Info
Teacher Resources


☐



uInvestigate Lab: Modeling Atoms and Molecules

Assign
Add to Playlist
Info
Teacher Resources


☐



eText: Career Feature: Museum Technician

Assign
Add to Playlist
Info

☐

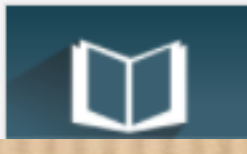


Career Video: Museum Conservator

Assign
Add to Playlist
Info

Explain and Elaborate

☐



eText: Describing and Classifying Matter

Assign
Add to Playlist
Info

Lessons are broken down in the 5E model and have **Everyday Phenomena**. They contain interactivities, labs-both hands-on and virtual, readings, videos, and quizzes.

Anchoring Phenomenon

- Features California phenomena
- Ask questions
- Identify the problem
- Investigate possible solutions
- Analyze case studies
- Communicate proposed solutions

Investigative Phenomenon

- Bundle of related performance expectations
- Create relevant learning experiences
- Students "figure it out" through problem-based learning experiences

Everyday Phenomenon

- Reflects the three dimensions of the CA NGSS
- Weaves together content, process, and application
- 5E Lessons
- Hands-on experiences

Revisit the Anchoring Phenomenon

- Present evidence
- Communicate solutions

California Spotlight



Topics

Topics

Lessons

Lessons

Lessons

California Spotlight



Full Range of Assessments

- **Formative:** Provided within each lesson through selected response questions, open response questions, and as strategies within teacher edition
- **Summative:** Available at end of each lesson and topic as well as a cumulative assessment at the end of the segment
- **CAST-type** aligned questions in both formative and summative