# **START HERE**

GRADES 6-8

# elevate Science It's the science of doing!

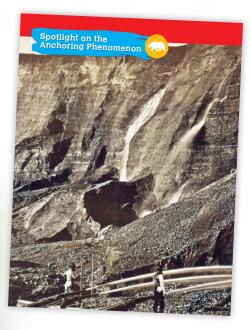
Let students "figure out" phenomena with hands-on, open-inquiry investigations, and problem-based learning experiences. *California Elevate Science* immerses students in anchoring, investigative, and everyday phenomena to support three-dimensional learning.

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# Look for these key features:

# Spotlight on the Anchoring Phenomena

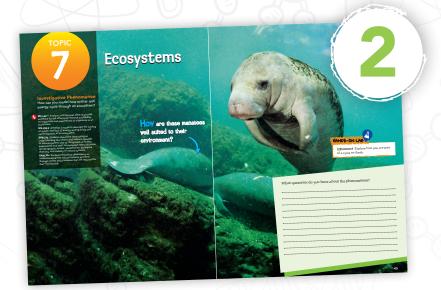
Students are introduced to the anchoring phenomena at the beginning of each of the four instructional segments. This is followed by the California Spotlight where students are introduced to local California phenomena and asked to identify the problem.





# California Elevate Science is the science of doing.

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# **Investigative Phenomena**

Students start to gather evidence. They "figure out" the anchoring phenomenon by deeply exploring the Investigative Phenomenon in each topic. They begin connecting what they see, what they know, and what questions they still need to answer.

#### uConnect Lab

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Students engage immediately with the **Investigative Phenomenon** through a hands-on, open inquiry experience. These labs are quick, convenient, and easy to implement. They offer a way to see the phenomenon live and in action!

Name	Class Date	
Connect. Lab		
Every Breath Yo	ou Take	
Materials (per pair) • small mirror		
Procedure		_
1. Hold a small mirror a few o 2. Exhale onto the mirror.	entimeters from your mouth.	
3. Observe the surface of the	mirror.	
4. Record your observations.		_
nalyze and Interpret Data Interpret Data What can you infe substance come from?	r is the substance that forms on the mirror? Whe	are did this
Apply Scientific Reasoning How part of a cycle? (Hint: Consider how iquid.)	is the water vapor in your breath evidence to atoms are conserved as water changes (	Labs
evelop Models Use the space be aur lungs to the atmosphere.	low to draw a model that shows how wa	Found Online

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#### **Quest PBL**

Invite students to follow the trail of hands-on and digital experiences to "Figure It Out" in the **Quest Problem-Based Learning** activity.



# **Everyday Phenomena**

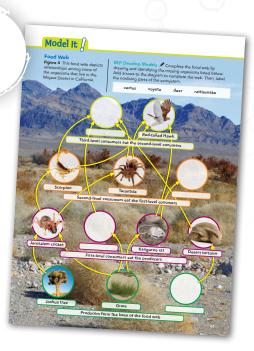
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Every lesson provides an opportunity for students to experience Everyday Phenomenon through hands-on, open inquiry experiences called *ulnvestigate* Labs. These labs scaffold the mysteries of the investigative phenomena allowing students to engage in productive student discourse.

## Literacy Skills

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Students are supported and encouraged to comprehend science concepts with Literacy Toolboxes. While reading the chunked text, Literacy Toolboxes remind students to implement literacy skills at point of use and check for understanding. Visual Literacy tools including images, charts and graphs, provide a way for students to summarize their understanding of difficult science concepts in a visual context.



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littleBits

## **Engineering and Design**

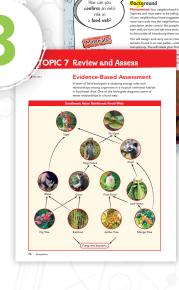
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uEngineer It! experiences are embedded in each topic to support the **Engineering and Design Process**. Extension Activities are developed in partnership with the award-winning littleBits<sup>™</sup> company. Look for these leveled lab activities on Savvas Realize<sup>™</sup> digital learning platform.

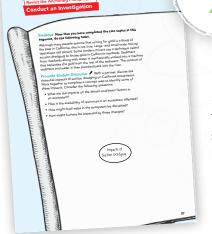


### **Robust Assessments**

Students get to "show what they know" through the **Evidence-Based Assessment** and **uDemonstrate** performance-based experience. These assessments provide a new scenario and a new setting for students to apply what they "figured out" during their exploration of the Investigative and Everyday Phenomenon.



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### **Revisit the Anchoring Phenomenon**

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Students can revisit the California Spotlight to demonstrate their understanding of the entire segment by designing a solution to the local and relevant problem.

## **Rich Digital Resources**

Visit SavvasRealize.com to explore an abundance of digital resources that immerse students in phenomena through open-inquiry virtual labs, interactivities, presentations, and videos.



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Go to Savvas.com/CAScience to register for access to a demo account.



#### Savvas.com 800-848-9500

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