

DIGITAL LESSON



ENVIRONMENTAL INFLUENCE OF TRAITS



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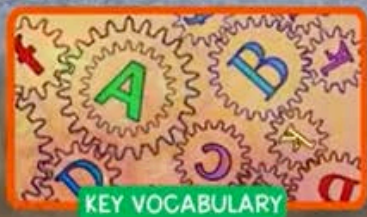
WHAT ARE LIGHTNING LESSONS?

Short, engaging, fully digital
lessons that:

- Introduce and Build Tier 3 Academic Vocabulary
- Introduce Key concepts with engaging videos or digital lessons
- Include a Practice Activity
- Include a short quiz or assessment

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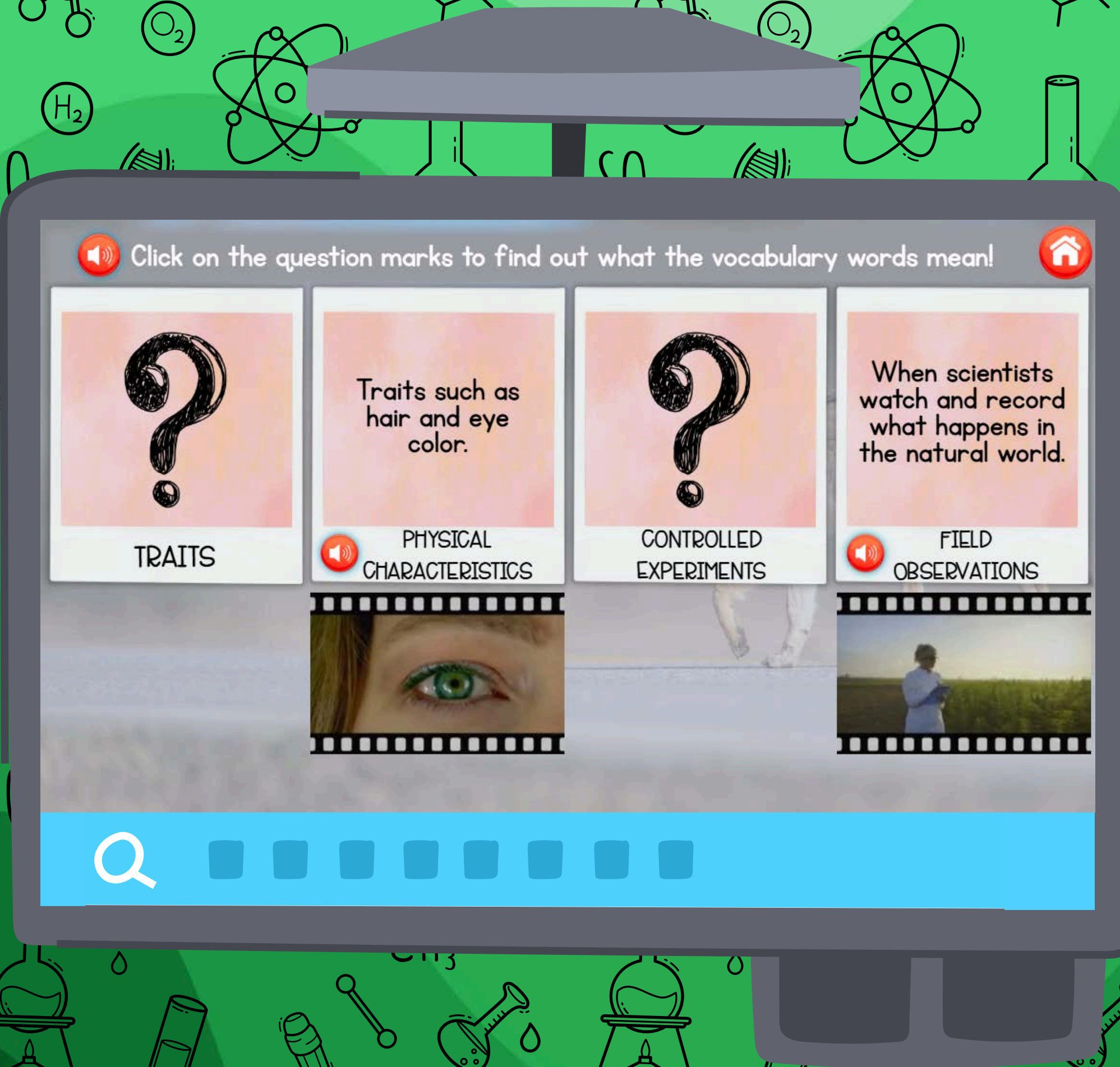


EASY TO NAVIGATE HUB

Perfect for whole class
instruction on a smart board
or projector.

★ or ★

Independent student work,
center, or intervention



INTERACTIVE VOCABULARY CARDS

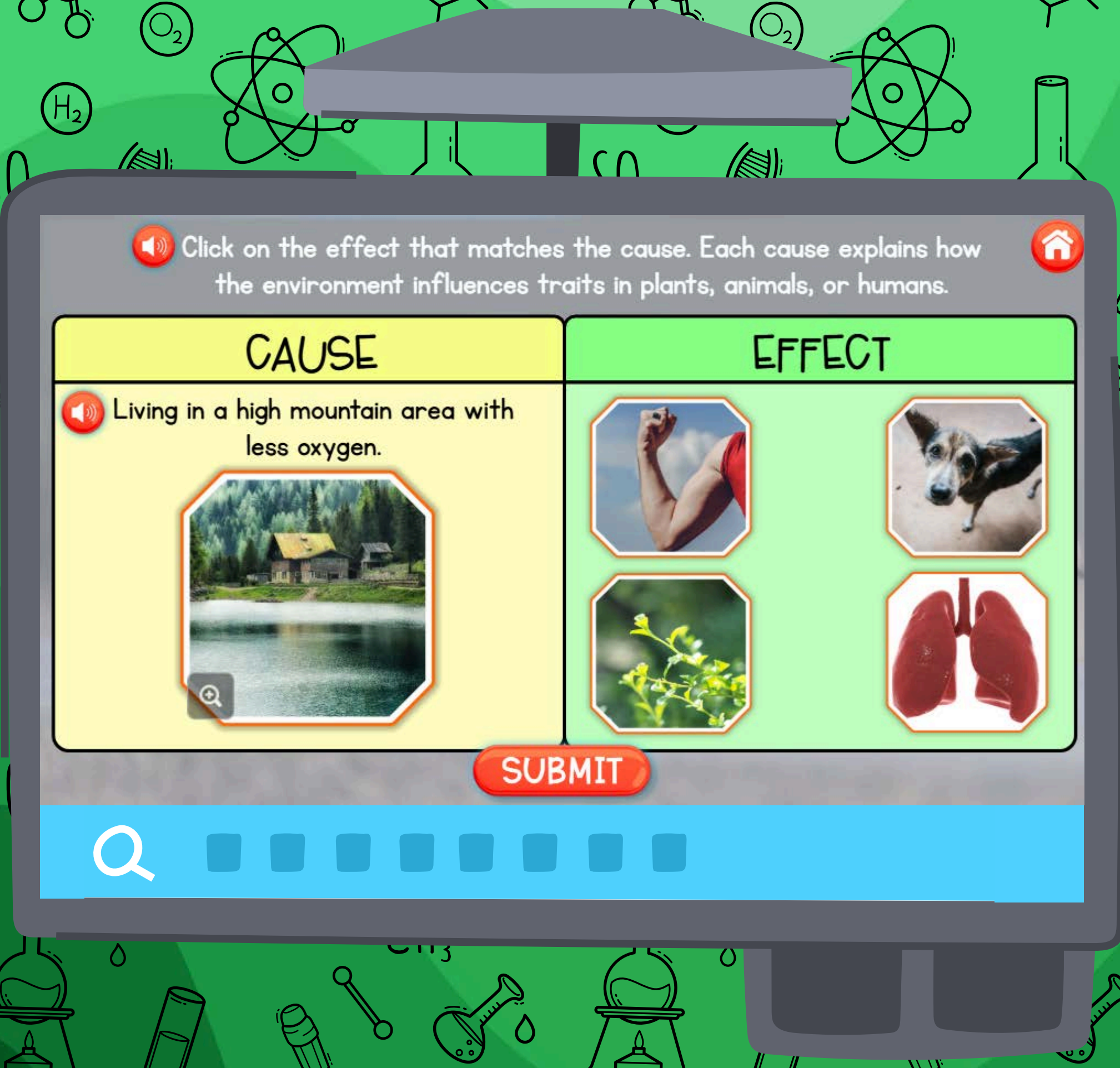
- Introduce Tier 3, Academic Vocabulary
- Audio
- Interactivity

UNDERSTANDING HOW TRAITS CAN BE INFLUENCED BY THE ENVIRONMENT

Video Mini Lesson

ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

Introduces concept and key
vocabulary



Click on the effect that matches the cause. Each cause explains how the environment influences traits in plants, animals, or humans.

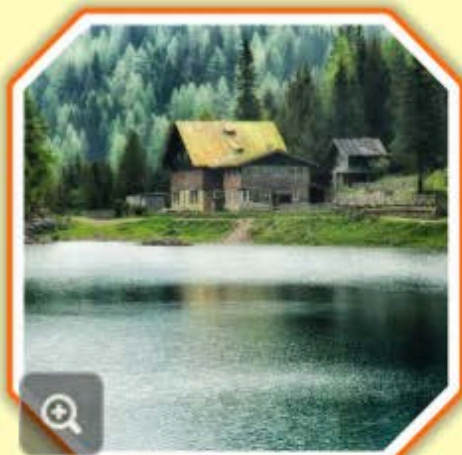


CAUSE

EFFECT



Living in a high mountain area with less oxygen.



SUBMIT



INTERACTIVE ACTIVITY

Short activity to practice concepts learned in video lesson



SELF ASSESS

Immediate student or class feedback on activities and multiple choice questions.



INTERACTIVE READER

- Standards Based
- Lexile Leveled
- Nonfiction
- Application of Science Skill
- Interactive
- Quiz based on reader

 2. How can sunlight affect the growth of a plant? 

- a) ☐ Sunlight can make the plant grow more slowly.
- b) ☐ Sunlight has no effect on the plant.
- c) ☐ Sunlight can make the plant lean towards the light.
- d) ☐ Sunlight changes the color of the plant.



SUBMIT



QUIZ

- Multiple choice and short response questions
- Encourages students to refer back to the video
- Multiple choice questions give immediate feedback to students

Balanced & Unbalanced Forces Answer Recording Sheet

Type your name here



- Activity 1a: The car hit the wall.
- Activity 1b: The wall pushes back against the car.
- Activity 2: Answered Correctly
- Activity 3: Scientists use crash test dummies to study unbalanced forces. They put sensors all over the dummies body to measure the forces they feel. Then, they mimic real car crashes in a lab so they can measure the forces a human would experience.
- Quiz 1: Force is a push or pull on an object.
- Quiz 2: Answered Correctly
- Quiz 3: When a car is moving down the highway.
- Quiz 4: Unbalanced forces happen when the forces are not equal.
- Quiz 5: The foot has more force than the ball and gravity.
- Quiz 6: The ball stops because the forces become balanced.
- Quiz 7: They can help us stay safe like the example with crash test dummies.



TEACHER REVIEW

Student responses are
reported at the end of the
lesson for students to print
or teachers to review.