

DIGITAL LESSON

LIGHTNING
LESSON

EARTH'S SPHERES



DIGITAL LESSON

EARTH'S SPHERES

KEY VOCABULARY

HOW EARTH'S SYSTEMS
WORK TOGETHER

INTERACTIONS OF
EARTH'S SPHERES

QUIZ

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

DIGITAL LESSON

EARTH'S SPHERES

chalk·ness *n* [U].
□ 'chalkboard *n* = BLACK
chal·enge' /'tʃælɪndʒ/ *n*
invitation or call (to sb) to
contest, fight etc to prove
more able, etc; issue/accept

KEY VOCABULARY

HOW EARTH'S SYSTEMS
WORK TOGETHER

INTERACTIONS OF
EARTH'S SPHERES

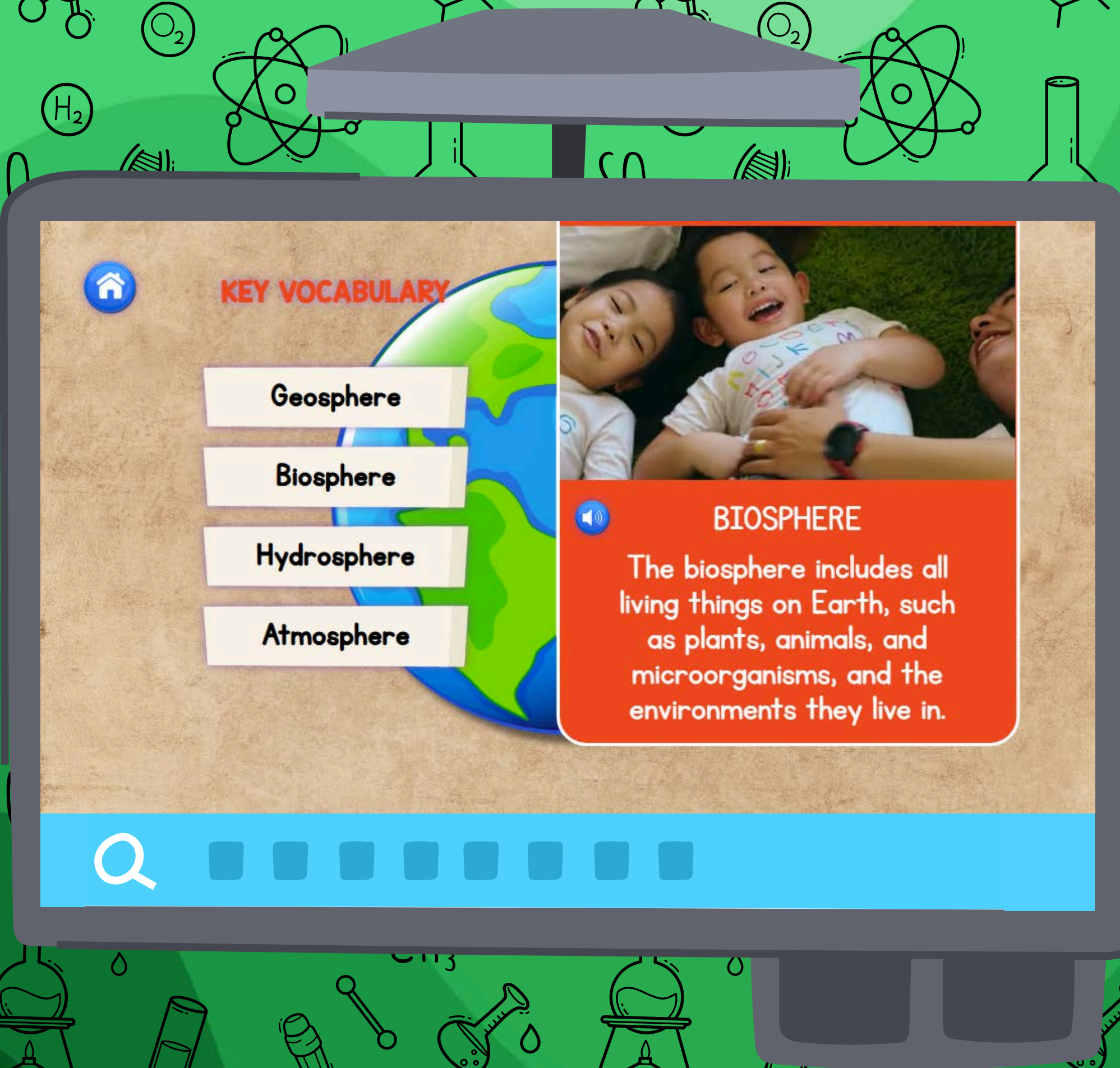
QUIZ

EASY TO NAVIGATE HUB

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

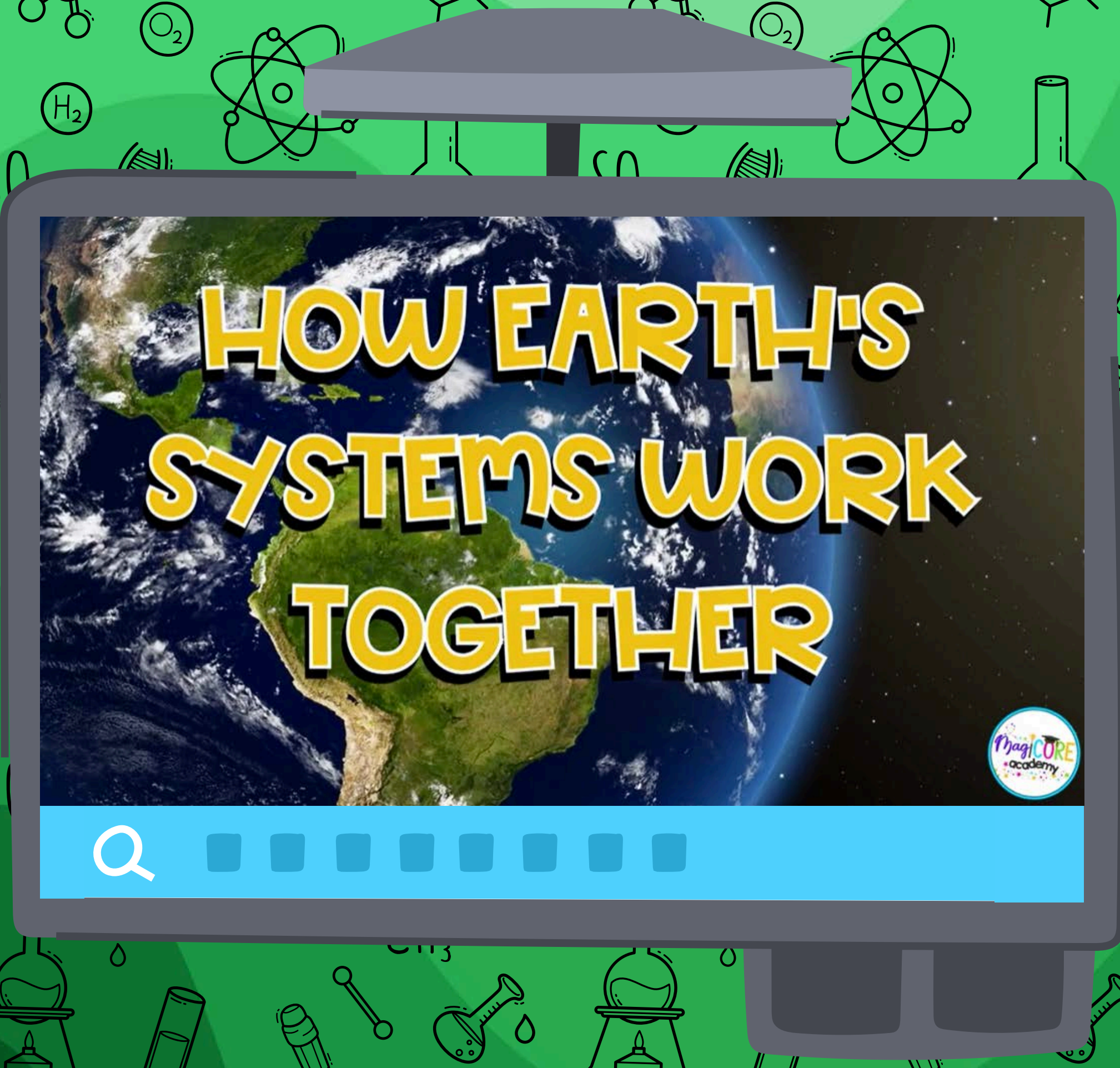
★ or ★

Independent student work,
center, or intervention



INTERACTIVE VOCABULARY CARDS

- Introduce Tier 3, Academic Vocabulary
- Audio
- Interactivity

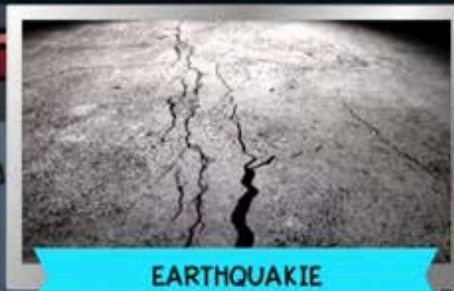


HOW EARTH'S SYSTEMS WORK TOGETHER

ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

Introduces concept and key
vocabulary

Directions: Click on the video screens below to explore each natural event. As you watch videos of the event, analyze how this natural event interacts with each of Earth's spheres.



INTERACTIVE ACTIVITY

Short activity to
practice concepts
learned in video lesson

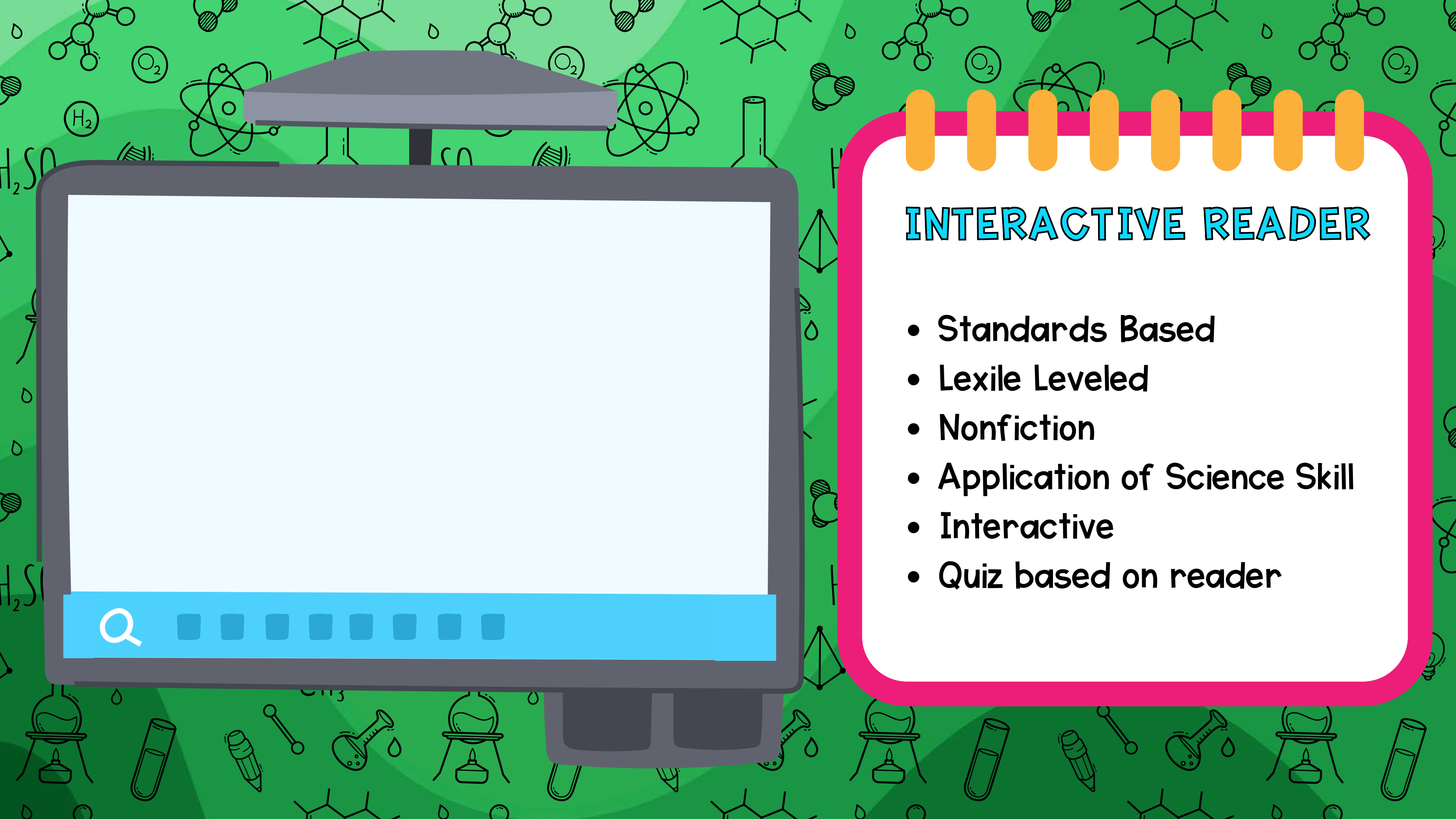
DIGITAL LESSON

EARTH'S SPHERES

GREAT JOB! YOU MADE IT TO THE END

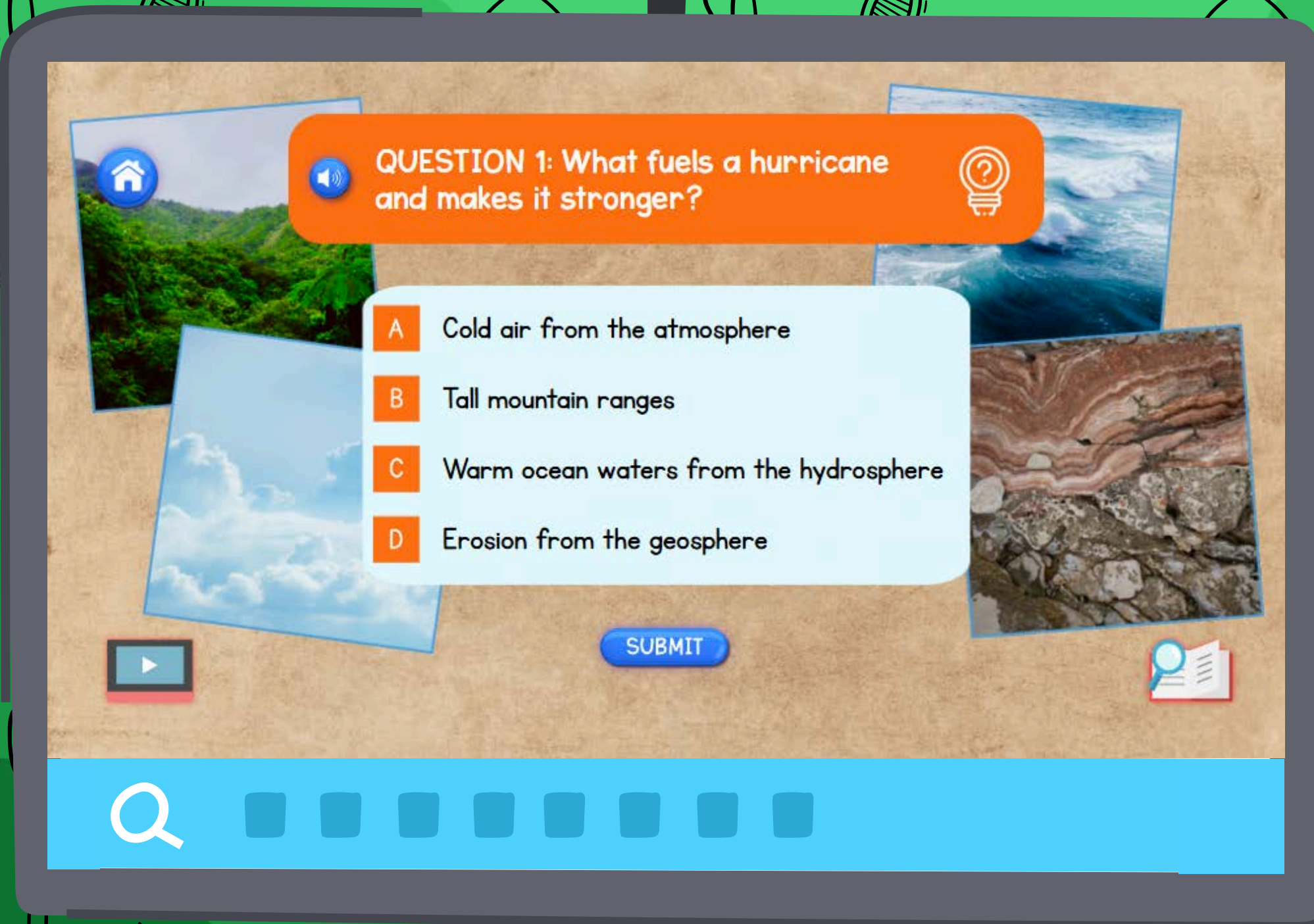
SELF ASSESS

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



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.