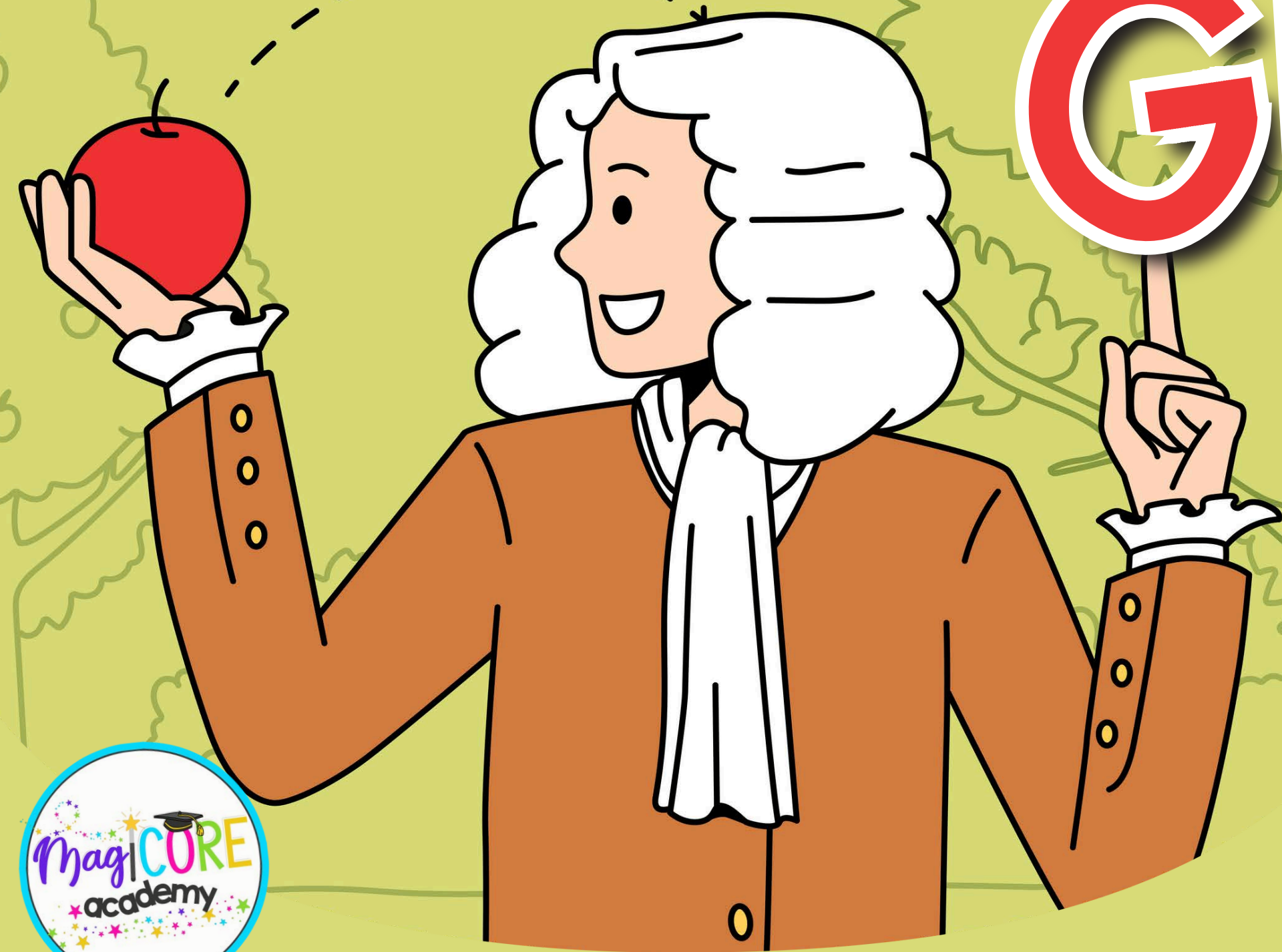


DIGITAL LESSON

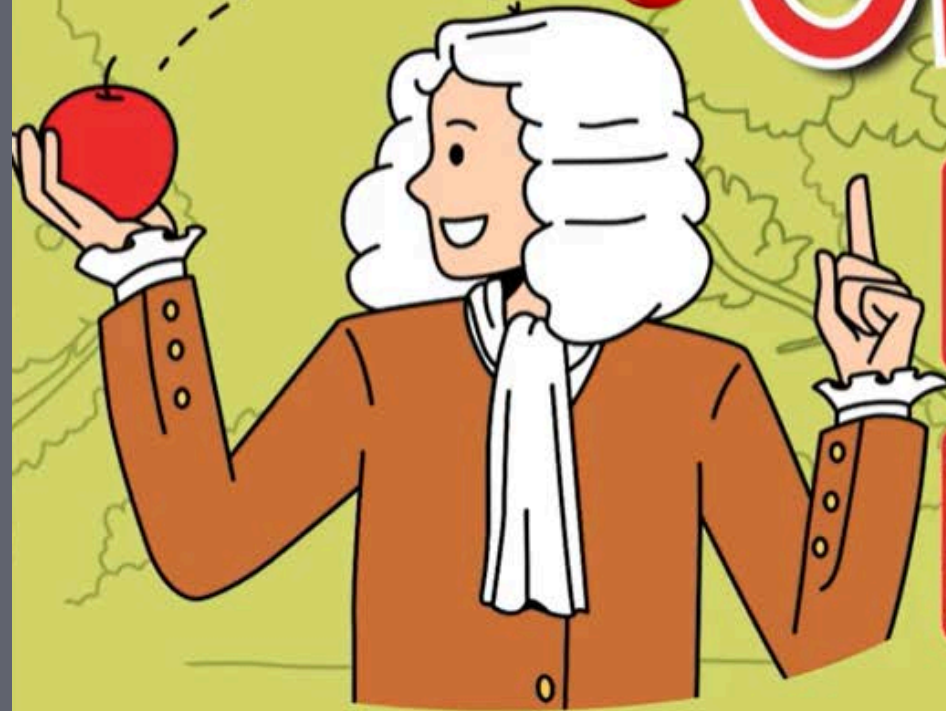
LIGHTNING
LESSON

GRAVITY



DIGITAL LESSON

GRAVITY



KEY VOCABULARY

VIDEO

GRAVITY IN SPACE VS. EARTH

QUIZ

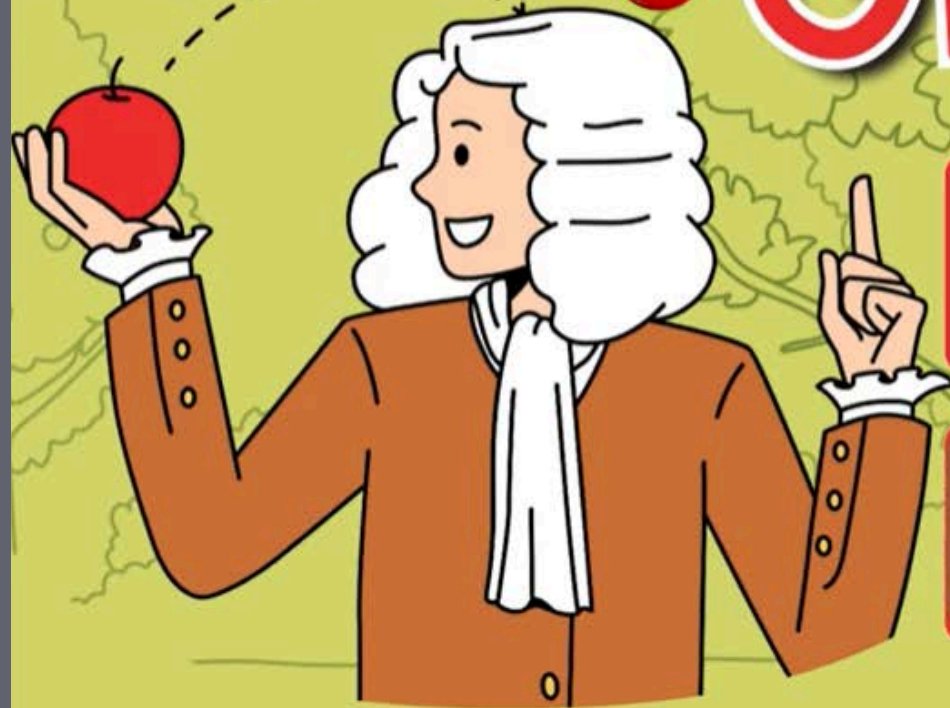
WHAT ARE LIGHTNING LESSONS?

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

GRAVITY



chalki-ness *n* [U].
□ 'chalkboard' *n* = BLACK
chal-lenge' /'tʃælɪndʒ/ *n*
invitation or call (to sb)
contest, fight etc to prove
more able etc.

KEY VOCABULARY



VIDEO



GRAVITY IN
SPACE VS. EARTH



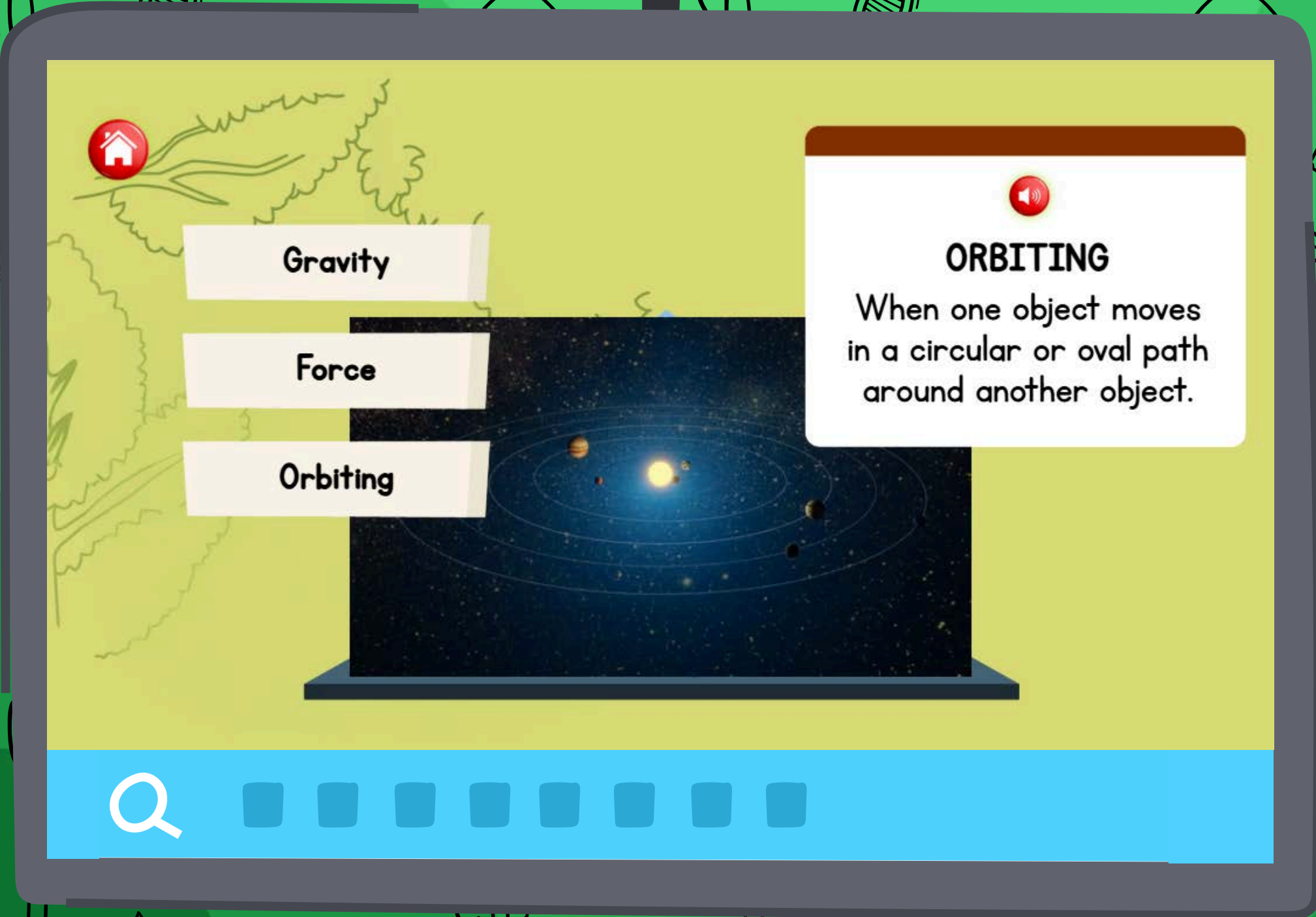
QUIZ

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

GRAVITY



ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

Introduces concept and key
vocabulary

Discover how gravity works by comparing the force of gravity on Earth and gravity in Outer Space.

Click here to observe what gravity looks like in Space



Click here to observe what gravity looks like on Earth

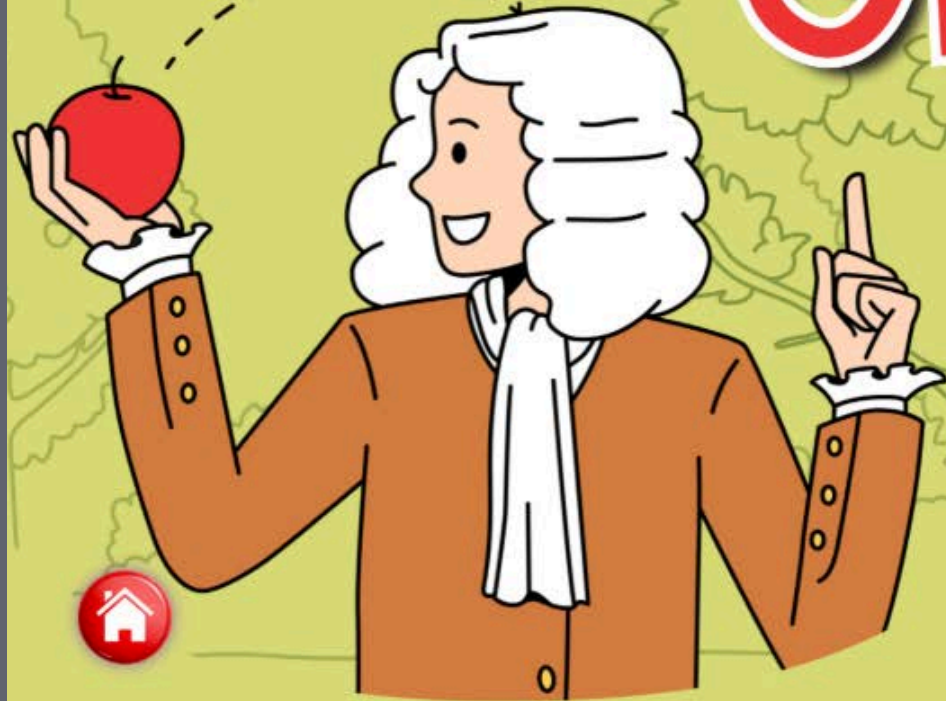


INTERACTIVE ACTIVITY

Short activity to practice concepts learned in video lesson

DIGITAL LESSON

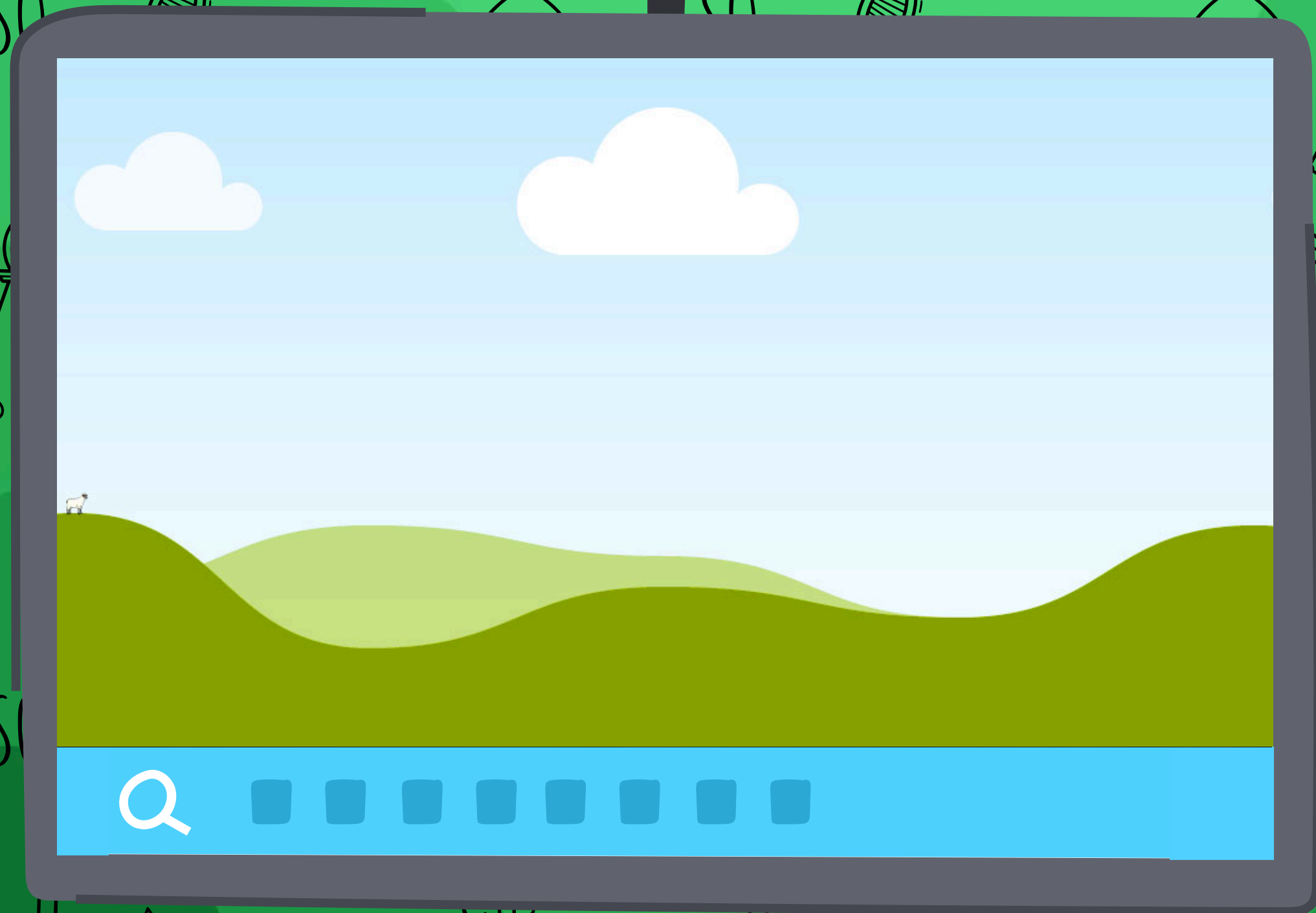
GRAVITY



**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**

QUESTION 2: Which of the following is NOT an effect of gravitational pull?

- A Apples falling from trees.
- B Objects floating into space.
- C Keeping the moon in orbit around Earth.
- D Pulling water droplets toward the ground.

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.