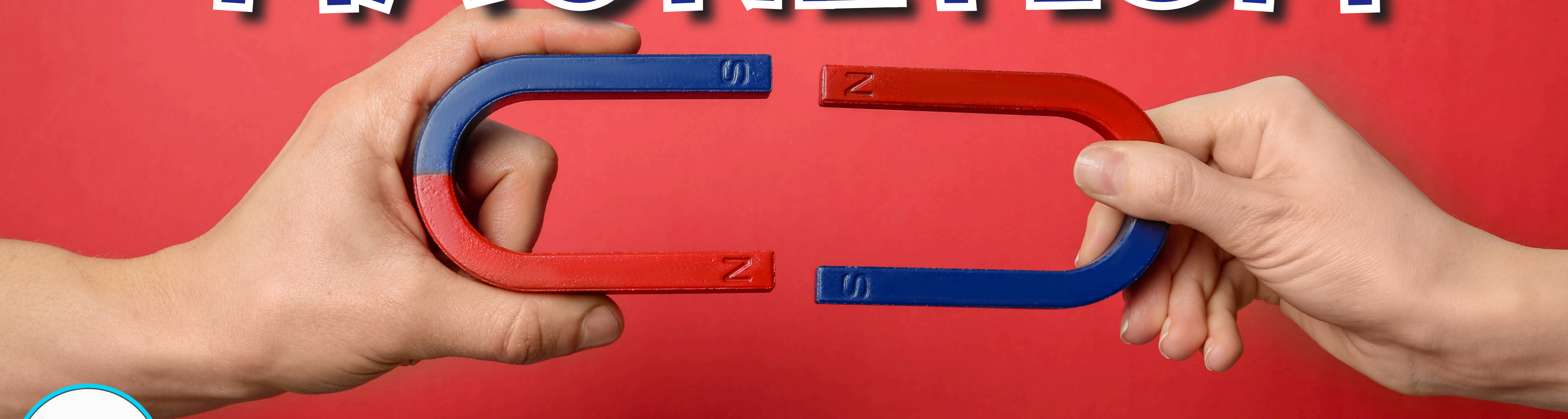


DIGITAL LESSON



MAGNETISM



DIGITAL LESSON



MAGNETISM



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



MAGNETISM



KEY VOCABULARY



MAGNETISM VIDEO



WILLIAM GILBERT VIDEO



HOW DOES A COMPASS
WORK? READER



VIDEO

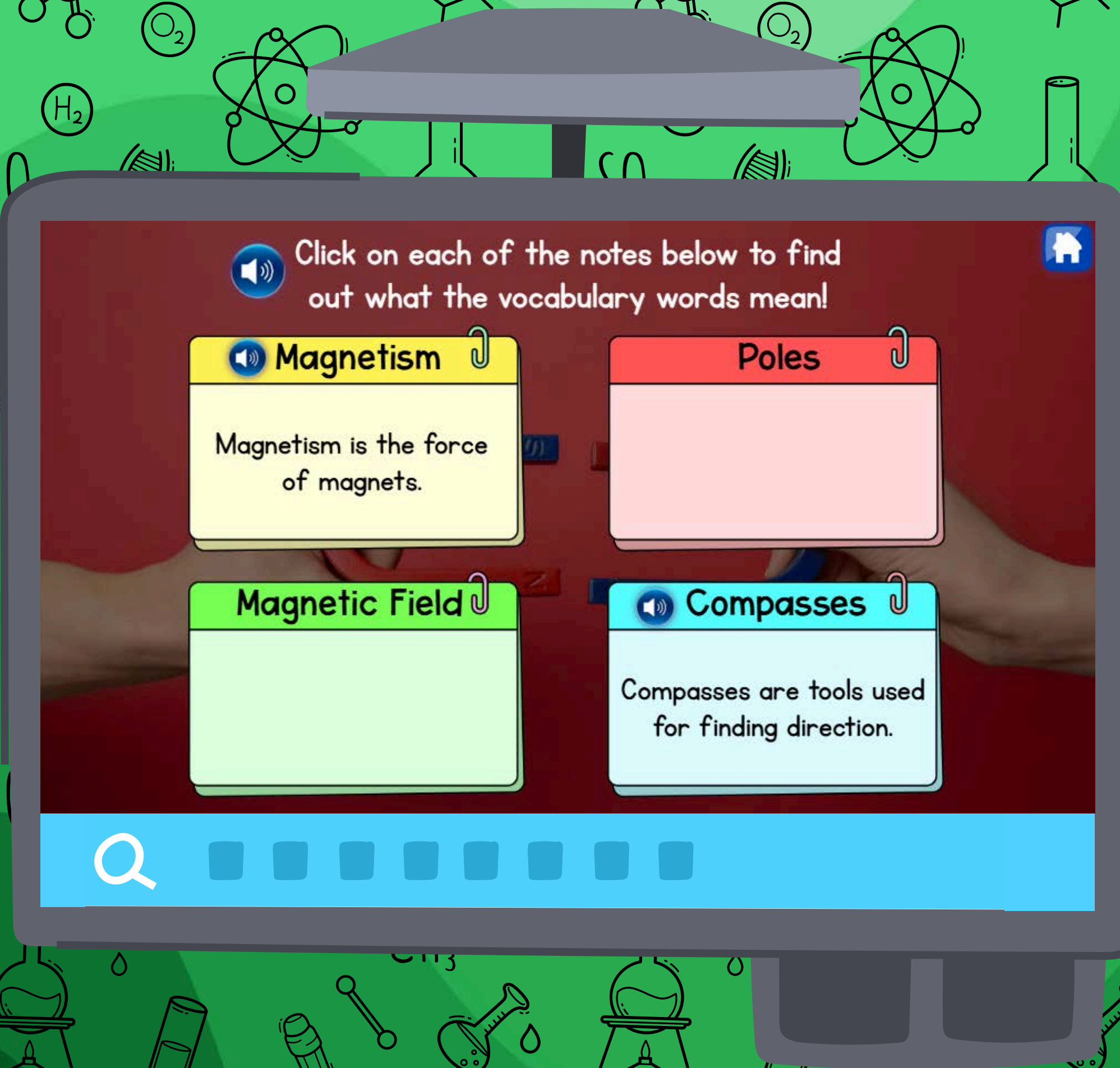


EASY TO NAVIGATE HUB

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

The background is a vibrant green with a repeating pattern of various chemistry-related icons. These include molecular structures like benzene rings, water molecules (H2O), and oxygen molecules (O2), as well as laboratory equipment such as flasks, test tubes, and Bunsen burners.

MAGNETISM

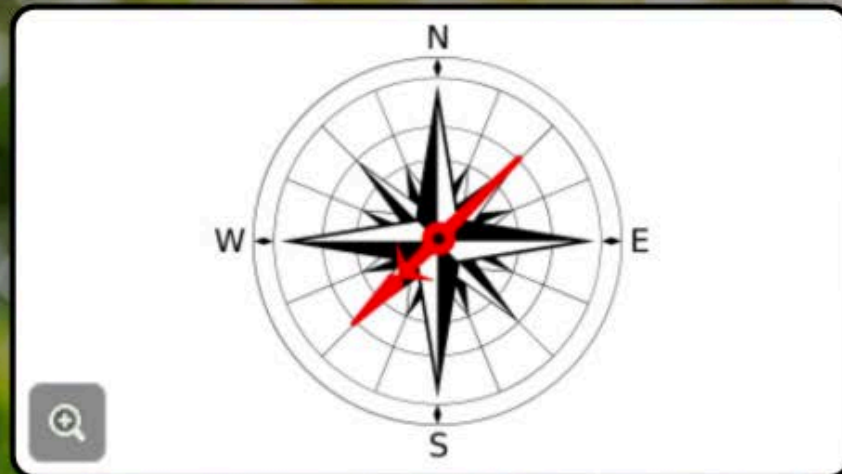
Video Mini Lesson

ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

Introduces concept and key
vocabulary



2. Look at the compass. If you were to walk the direction the needle is pointing, which direction would you be traveling, according to the compass?



- ☐ North
- ☐ Southwest
- ☐ South
- ☐ Northwest



INTERACTIVE ACTIVITY

Short activity to
practice concepts
learned in video lesson

Great Job!

A compass works because the Earth has an iron core and is a giant magnet. The Earth has 2 poles, like all magnets. The needle points to magnetic north, which is different than true north.

Continue

SELF ASSESS

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

LEXILE 750L

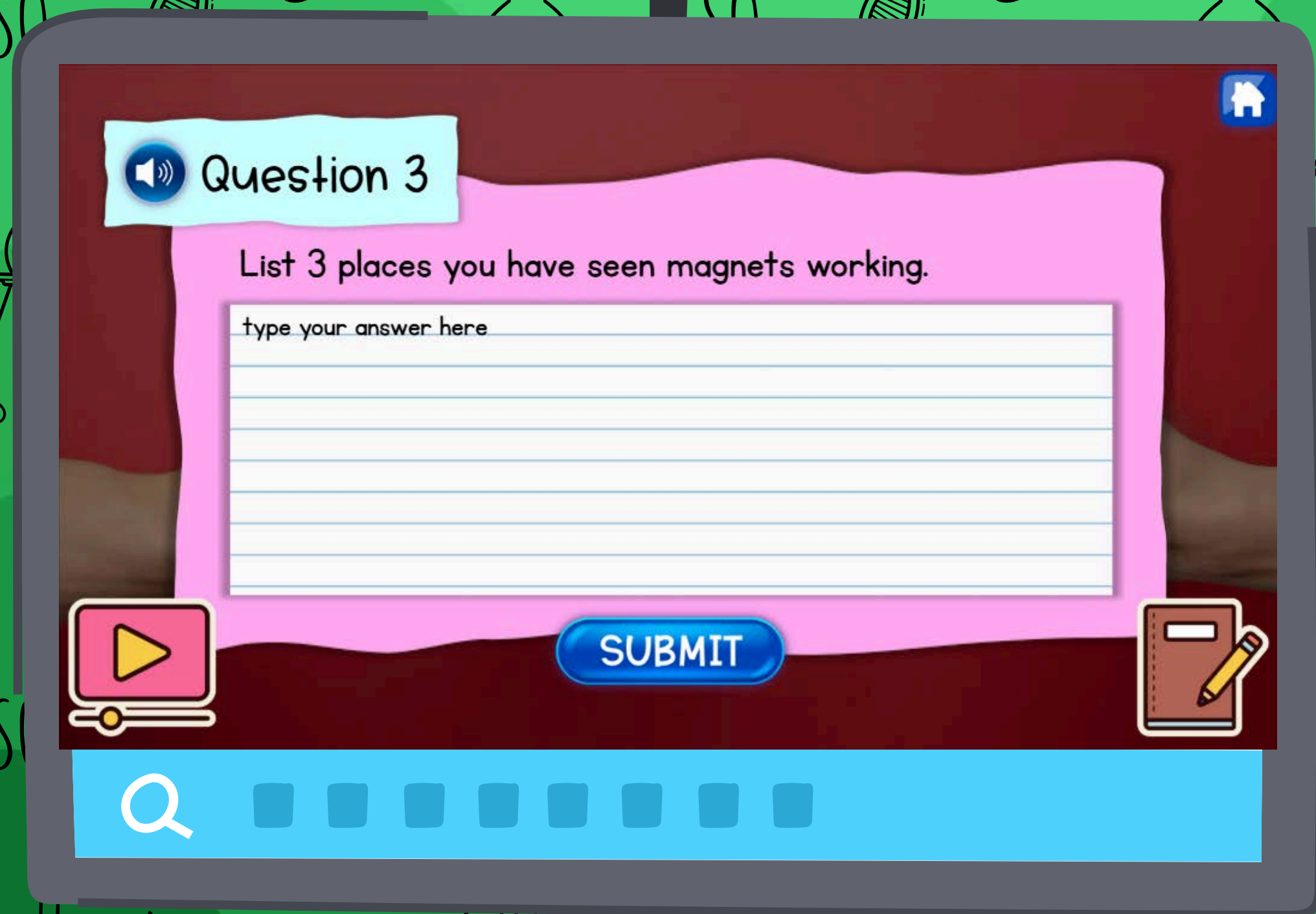
INTERACTIVE READING

Science HOW DOES A COMPASS WORK?



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.