

DIGITAL LESSON

LIGHTNING
LESSON

VARIATION, SURVIVAL, AND REPRODUCTION



DIGITAL LESSON

VARIATION, SURVIVAL, AND REPRODUCTION



KEY VOCABULARY



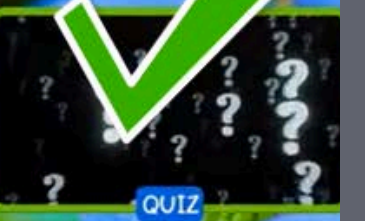
OVERVIEW VIDEO



"PENGUIN PICKING" READER



ANALYZE VARIATION



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

VARIATION, SURVIVAL, AND REPRODUCTION

KEY VOCABULARY

OVERVIEW VIDEO

'PENGUIN PICKING' READER

ANALYZE VARIATION

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

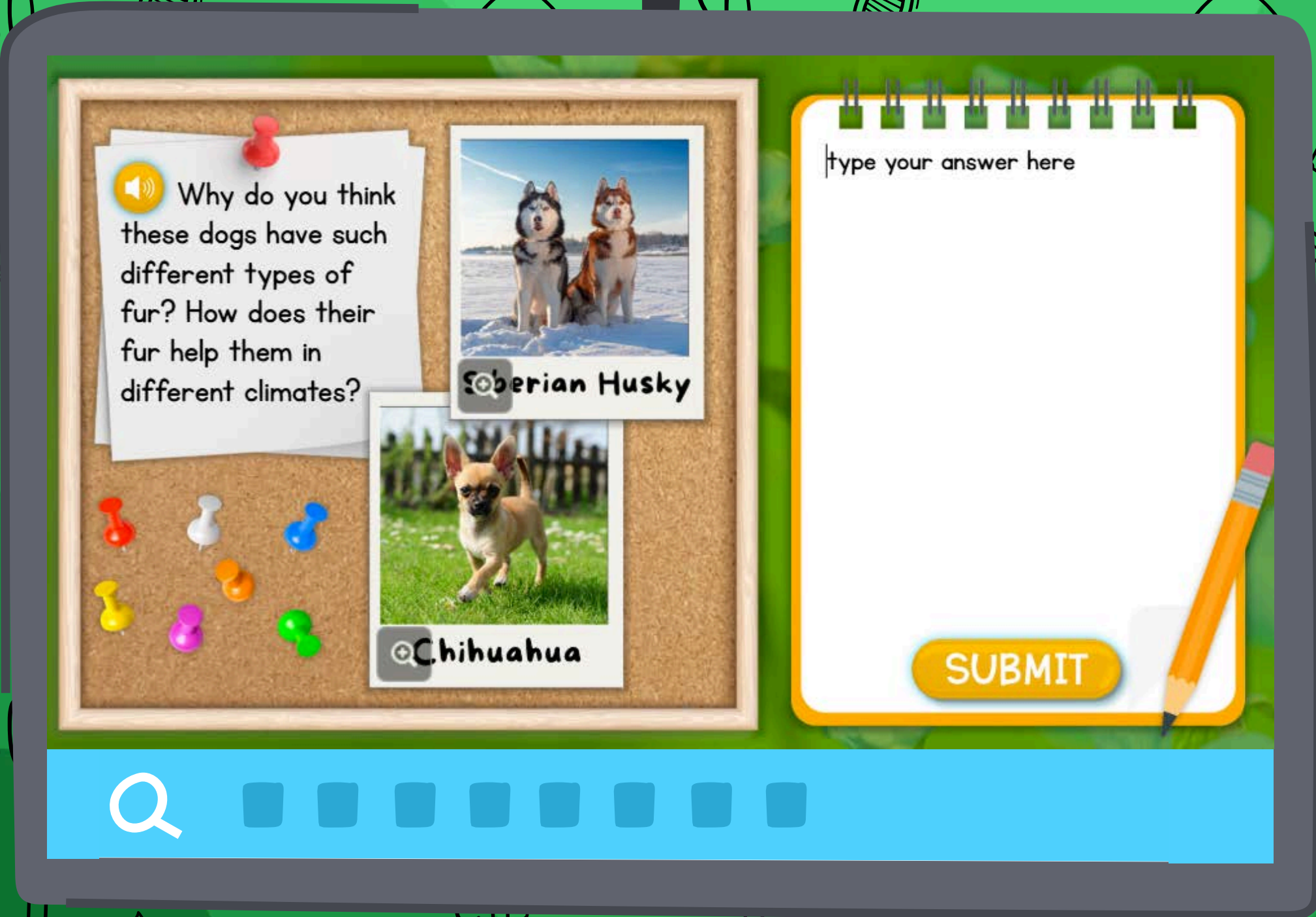
NATURE'S SPECIAL TOUCH

Video Mini Lesson



ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

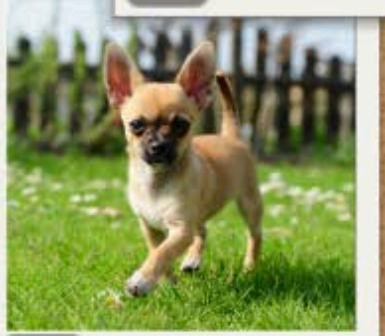
Introduces concept and key
vocabulary



Why do you think these dogs have such different types of fur? How does their fur help them in different climates?



Siberian Husky



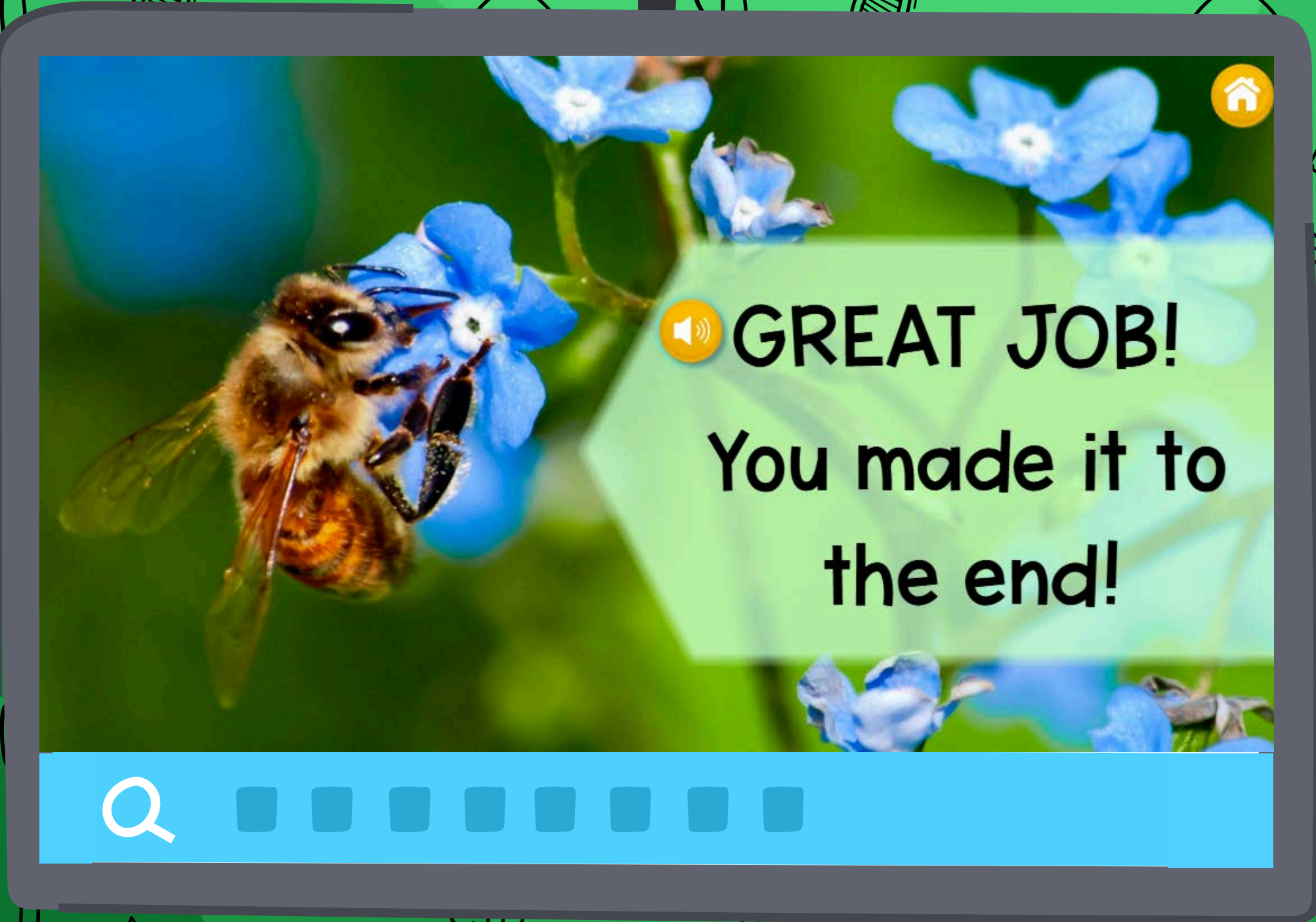
Chihuahua

type your answer here

SUBMIT

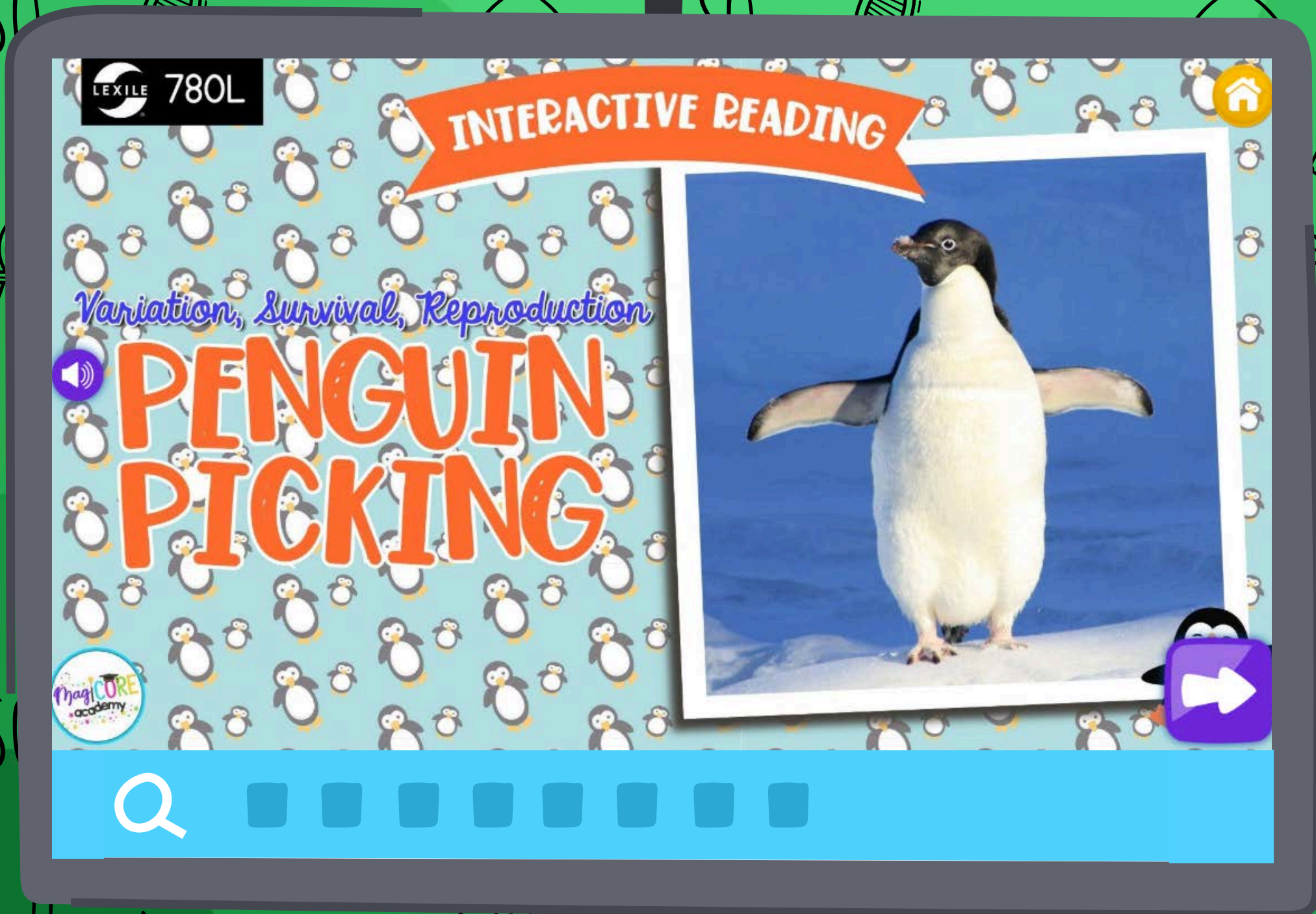
INTERACTIVE ACTIVITY

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 the color of an animal's fur be an advantage for survival?

- A It can make them run faster.
- B It can help them hide from predators.
- C It can keep them warmer.
- D It can help them find food more quickly.

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.