

DIGITAL LESSON



CONSERVATION OF MATTER



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chalki-ness *n* [U].
□ 'chalkboard *n* = BL.
chal-lenge' /'tʃælɪnd/
invitation or ca... (t...sb) t...
contest, fight etc... prove
more able, etc... i...

KEY VOCABULARY

VIDEO

CONSERVING MATTER
PREDICTIONS AND DATA

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

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KEY VOCABULARY

VIDEO

CONSERVING MATTER
PREDICTIONS AND DATA

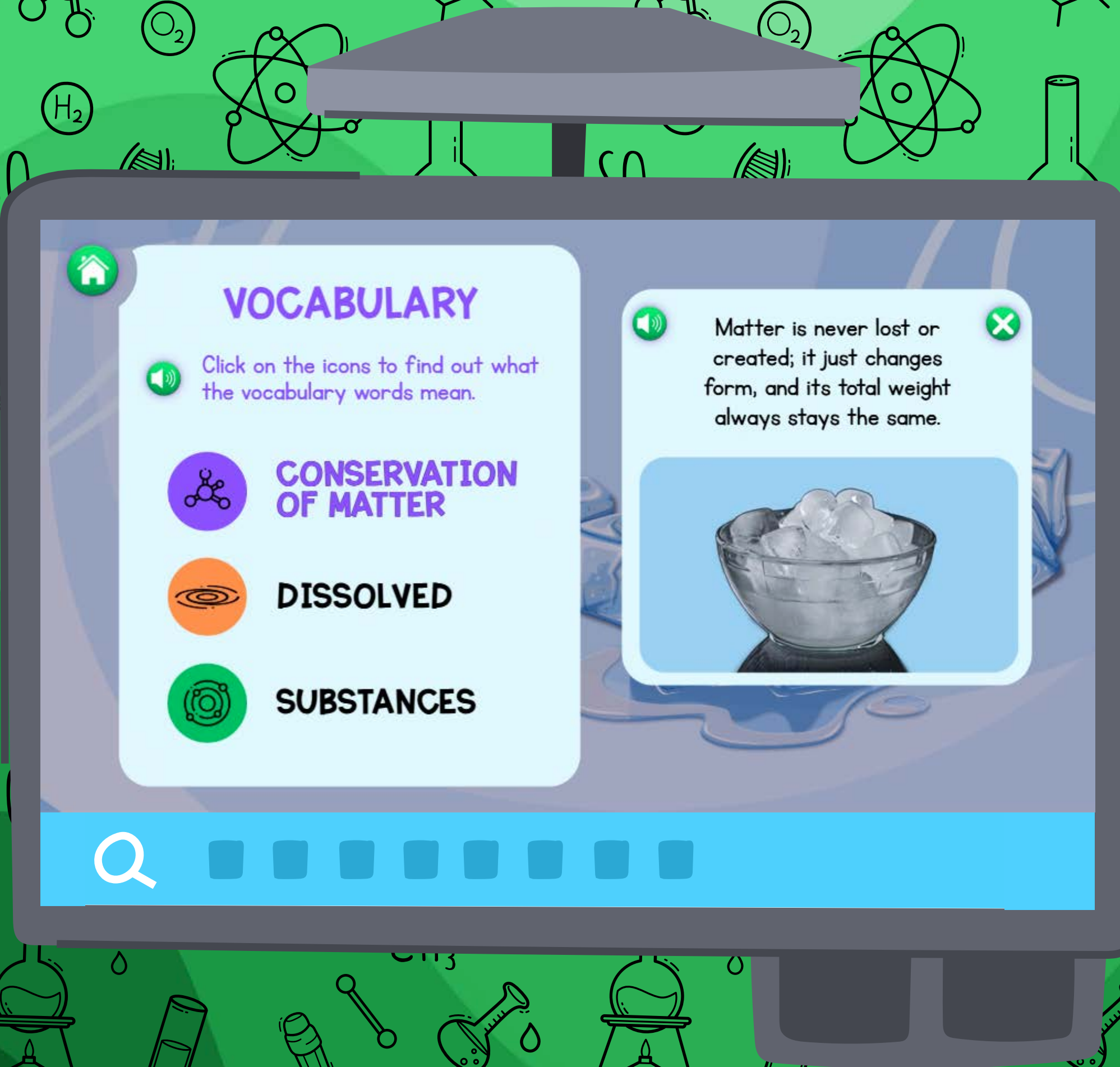
QUIZ

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



THE CONSERVATION OF MATTER

ORIGINAL VIDEO LESSON BY MAGICORE ACADEMY

Introduces concept and key
vocabulary



INTERACTIVE ACTIVITY

Short activity to
practice concepts
learned in video lesson

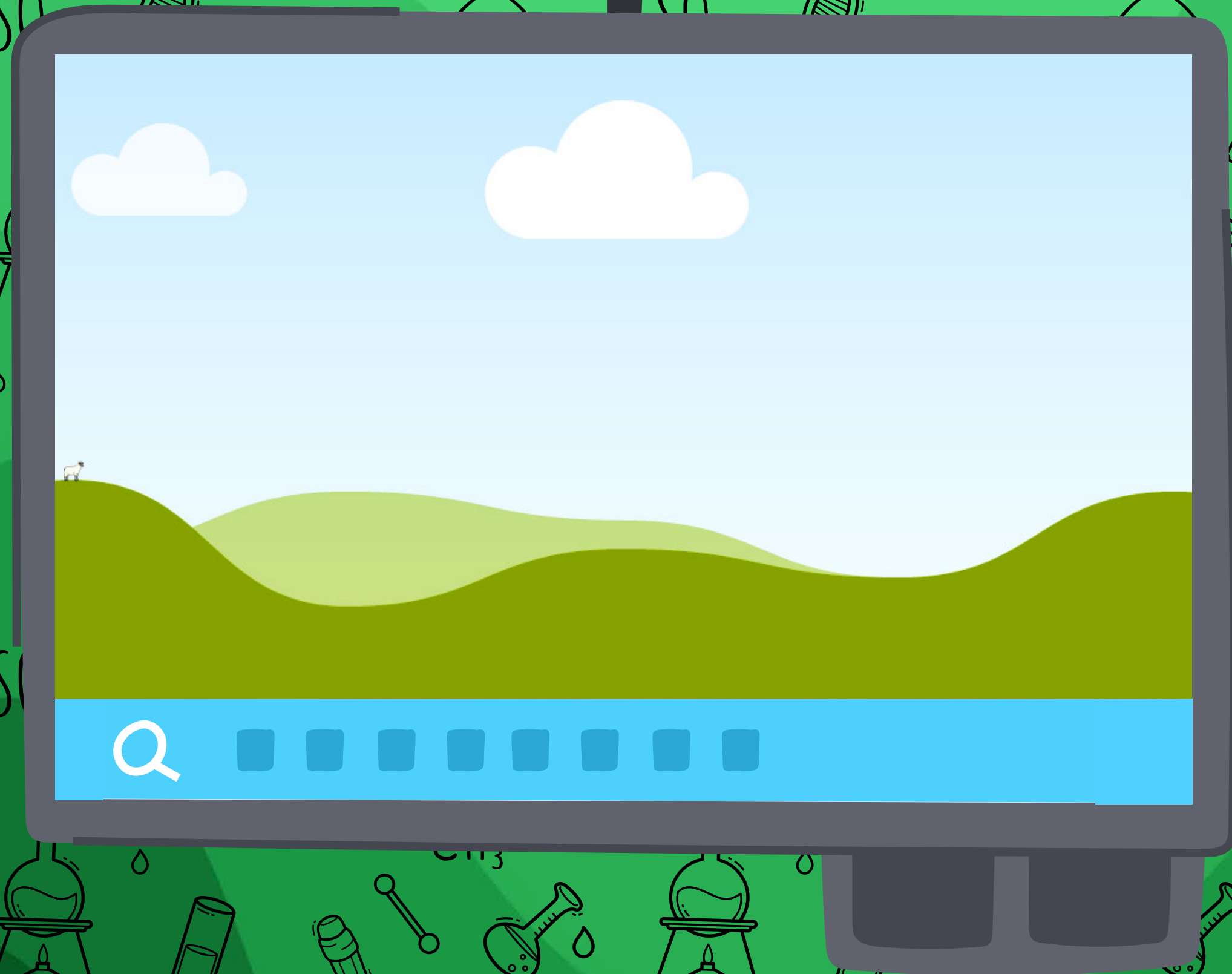
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GREAT JOB! YOU MADE IT TO THE END.

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 1: Which example shows the conservation of matter?

- ☐ Ice melting and weighing less than before.
- ☐ Sugar dissolving in water and keeping the same total weight.
- ☐ Bubbles forming and causing matter to vanish.
- ☐ Baking soda losing weight when mixed with vinegar.

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.