



Britannica[®] Expedition:LEARN![™]

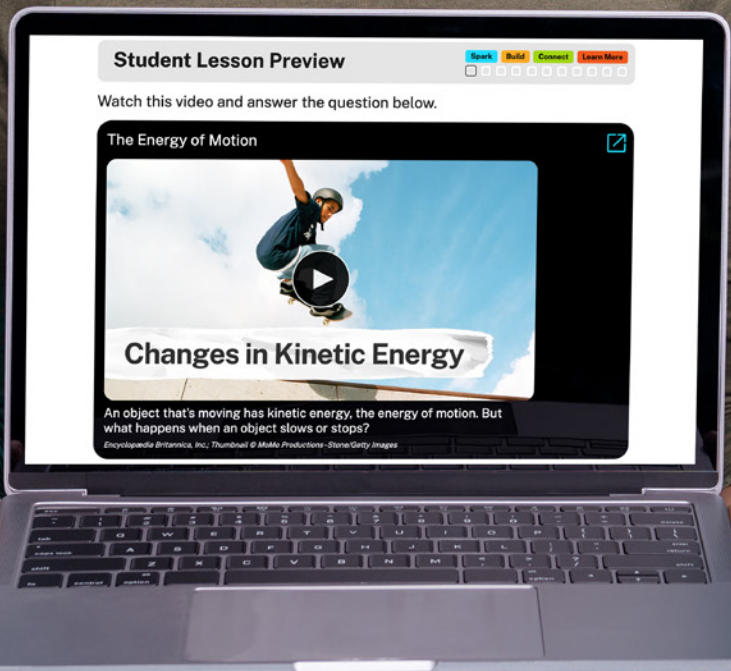
THE PATH TO KNOWLEDGE STARTS HERE

**Standards-Aligned Lessons
that Spark Curiosity and
Foster Exploration**

Expedition: Learn – an all-new, digital learning platform – takes students through interactive, standards-aligned lessons with built-in, ready-to-use differentiated instruction and assessments. Lesson content, available at four different Lexiled reading levels, help students develop critical thinking, problem-solving, media literacy, and communication skills.

Educators in grades 3-8 can easily assign lessons and monitor student progress with LMS integration, rostering capabilities, and comprehensive reporting tools. Teachers can quickly identify areas where learners need additional support and adjust instruction to help achieve success.

**Available for
Science and
Social Studies!**



**Britannica[®]
EDUCATION**

britannicaeducation.com/expedition

What is *Expedition: Learn*?

At Britannica Education, we believe that every learner should have access to curriculum tools that are engaging and effective. That's why we created *Expedition: Learn*, a robust digital platform that takes students on a four-stage journey of discovery and understanding.

By sparking curiosity, building background knowledge, connecting new information to prior experiences, and providing additional resources for inquiry-based learning, *Expedition: Learn* helps students develop a deep understanding of science and social studies concepts core to academic success.

How *Expedition: Learn* Works

1 Spark Interest

Introduce the lesson topic and key terms through a video.



Vocabulary

energy


kinetic energy
system
transfer

energy noun

: the ability of something (such as heat, light, or running water) to be active or do work

definition provided by
Thomson Reuters

Pique students' curiosity and generate interest.

Read Aloud 

What do you already know about changes in kinetic energy?

B / **I** / **U** / **≡** / **≡**

Check comprehension, vocabulary acquisition, and understanding with auto-scored, built-in assessments.

2 Build Understanding

Explore every topic in depth with trusted Britannica articles.



What Is Kinetic Energy?

Kinetic energy is the energy of motion. Everything has kinetic energy. People playing sports, raindrops falling, the wind, and ocean waves crashing onto a shore.

What is energy, anyway? Scientists define energy as the ability to do work. There are many forms, or kinds, of energy. Some of these are forms of potential energy. Others are forms of kinetic energy. You've read that kinetic energy is the energy of motion, but which forms of energy are classified as kinetic energy? Use the list below to find out.

Forms of Kinetic Energy

- Light
- Thermal
- Sound
- Electrical
- Mechanical

Accommodate different reading abilities with four different reading levels for each article.

Read Aloud 

The photo shows a dog pushing a ball with its snout. Fill in the blanks below to complete the explanation.

When the dog is pushing the ball, both the dog and the ball have _____ energy. The dog is doing _____ on the ball when the ball moves in _____ the dog.

kinetic **the same direction as** **a different direction from**

force **potential** **work**

3

Connect Learning

Read Aloud ▶ ■

Listed below are different ways that kinetic energy can change forms. Match each example to the correct change in kinetic energy.

electrical to light	→	
mechanical to sound	→	
thermal to sound	→	
<div> <div>⌵ striking a drum</div> <div>⌵ whistling teakettle</div> <div>⌵ switching on a lamp</div> </div>		

Prompt students to link the concepts they've learned throughout the lesson.

Guide students to assimilate and connect the knowledge, enabling them to draw conclusions and make inferences about each topic.

Read Aloud ▶ ■

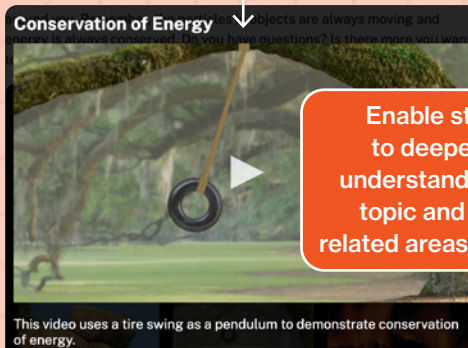
You and a friend want to build a model that shows a change in kinetic energy. You will use items in your home or at school to make the model. How will you and your friend build this model? In your answer, describe the roles you and your friend will take in making the model.

B / I / U / ☰ / ☷

4

Learn More

Provide additional Britannica resources for inquiry-based learning and research projects.



Enable students to deepen their understanding of the topic and explore related areas of interest.



Schedule a free demo today!
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How *Expedition: Learn* Helps

Ensure **standards-aligned instruction** with robust science and social studies digital lessons that meet state and national standards, including NGSS, C3, and more.

Reduce teacher workload with **ready-made digital lessons**, saving time and allowing them to focus more on teaching.

Personalize instruction for diverse learners with differentiated reading levels, ELA skills assessments, and resources in over 100 languages.

Easily **manage lessons in one centralized hub**, giving teachers instant access to track past, present, and future assignments, monitor deadlines, and stay organized with class-specific details.

Open now



Changes in Kinetic Energy

[See scores](#) | [View lesson](#)

CLASS

Middle School Science

LEXILE (READING LEVEL)

940L-1020L (Level 3)

START

3/21/2023

DUE

4/28/2023

Delete

Edit due date

[← Reset reports criteria](#)

Lesson Score Reports

Elementary Social Studies ▾

Maps and Globes ▾

[View lesson](#)

Track progress and assess learning with real-time reports that help teachers identify which students need additional support and make data-driven decisions about curriculum and instruction.

Scores Overview

Student data will appear once answers have been submitted. Click a student's name to review individual answers.

Student	Score	1	2	3	4	5	6	7	8	9	10
Joan Kole	100%										
Henry Lemo	88%										
Julie Butter	75%										
Tanisha Smith	75%										
Robert Frisch	50%										
Jennifer Bueti	75%										
Delila Spencer	75%										
Rodger Moore	88%										
Jimmy Douglass	75%										
Anthony Trey	88%										
Maureen Ant	75%										
Paulie Hardy	75%										



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