

Below is a list of the resources found in the Heat Energy unit. Use this list to help you plan which resources to use with students; to plan for printing, using projectables, or using e-resources; and to make other notes. Resources are grouped by material category.

Unit Overview Resource	Process Activities
<input type="checkbox"/> <i>Heat Energy Unit Guide</i> _____	<input type="checkbox"/> <i>Process Activity Materials Lists</i> <i>All 3-4 units</i> _____
Unit Nonfiction Books	FOCUS Books
<input type="checkbox"/> <i>Heat Energy Nonfiction Book</i> <i>Teacher's Guide</i> _____	<input type="checkbox"/> <i>FOCUS Book Teacher's Guide</i> _____
Low ●	<i>Campfire Science</i> ●
<input type="checkbox"/> <i>Heat Energy</i> _____	<input type="checkbox"/> <i>Book</i> _____
<input type="checkbox"/> <i>Book Quiz</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>La energía térmica</i> _____	<i>Get Cool, Stay Cool!</i> ●●
<input type="checkbox"/> <i>Prueba del libro</i> _____	<input type="checkbox"/> <i>Book</i> _____
Mid ●●	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Heat Energy</i> _____	<i>Get Warm, Stay Warm!</i> ●●
<input type="checkbox"/> <i>Book Quiz</i> _____	<input type="checkbox"/> <i>Book</i> _____
<input type="checkbox"/> <i>La energía térmica</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Prueba del libro</i> _____	<i>Science Friction</i> ●●
High ●●●	<input type="checkbox"/> <i>Book</i> _____
<input type="checkbox"/> <i>Heat Energy</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Book Quiz</i> _____	<i>The Heat of Kilauea</i> ●●●
<input type="checkbox"/> <i>La energía térmica</i> _____	<input type="checkbox"/> <i>Book</i> _____
<input type="checkbox"/> <i>Prueba del libro</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
Discussion Cards	Investigation Packs
<input type="checkbox"/> <i>Heat Energy</i> <i>Discussion Cards</i> _____	<input type="checkbox"/> <i>Complete Investigation Pack</i> _____
<input type="checkbox"/> <i>Blank Discussion Cards</i> _____	<input type="checkbox"/> <i>Investigation Pack</i> <i>Teacher's Guide</i> _____
Interactive Science Lessons	<input type="checkbox"/> <i>I.Files Teaching Tips</i> _____
<input type="checkbox"/> <i>Interactive Science Lesson</i> <i>Teacher's Guide</i> _____	<input type="checkbox"/> <i>I.File Response Sheet</i> _____
<i>Thermal Energy Transfer</i>	I.Files
<input type="checkbox"/> <i>Part 1: Thermal</i> <i>Energy Transfer</i> _____	<input type="checkbox"/> <i>Wildfires</i> ●
<input type="checkbox"/> <i>Part 2: Convection</i> _____	<input type="checkbox"/> <i>Geysers</i> ●●
<input type="checkbox"/> <i>Part 3: Radiation</i> _____	<input type="checkbox"/> <i>Sea Vents</i> ●●
<input type="checkbox"/> <i>Part 4: Conduction,</i> <i>Convection,</i> <i>or Radiation?</i> _____	<input type="checkbox"/> <i>Volcanoes</i> ●●●
<input type="checkbox"/> <i>Teaching Tips</i> _____	Mystery File
	<input type="checkbox"/> <i>Body Heat</i> _____

Science Fair Resources

Teacher Resources

- Science Fair Teacher's Guide (3-4)* _____
- Science Fair Rubric* _____

Student Resources

- Science Fair Project Ideas-Heat Energy* _____
- Science Fair Student Guide* _____

Debates

- Debate Teacher's Guide Intermediate (3-6)* _____
- Marshmallow Roast* _____

Science Videos

- Video Teaching Guide* _____
- Gallon of Gas*
- Video _____
 - Discussion Questions _____
- Yellowstone Geyser*
- Video _____
 - Discussion Questions _____

Career Files

- Glassblower* _____
- Volcanologist* _____
- Fire Investigator* _____

Quick Reads

Geothermal Power

- low _____
- mid _____
- high _____

Heat Sources Used Around the World

- low _____
- mid _____
- high _____

Hot Springs and Geysers

- low _____
- mid _____
- high _____

Microwave Ovens

- low _____
- mid _____
- high _____

Sweat

- low _____
- mid _____
- high _____

Where Matches Come From

- low _____
- mid _____
- high _____

Reading A-Z Books

- Learning A-Z Connections Heat Energy _____
- The Sun* Level V _____

Graphic Organizers

Nonfiction

- All Intermediate Nonfiction Graphic Organizers* _____
- Cause and Effect* _____
- KWL _____
- Word Smart _____

Retelling Rubrics

- Nonfiction Retelling Rubric* _____

Science Diagrams

- Science Diagram Teacher's Guide* _____
- Freezing and Boiling Points of Water* _____
- Light Energy Converts to Heat Energy* _____

Game Packs

- Heat Energy Game Pack-ALL* _____
- Game Pack Guide* _____
- Vocabulary Cards* _____
- Image Cards* _____
- Blank Image Cards* _____
- Word Sort Placemat* _____
- Game Boards* _____
- Wordo Board* _____

Vocabulary Cards

- Heat Energy Vocabulary Cards* _____

Word Work

- Crossword* _____
- Unscramble* _____
- Suffixes* _____