

Below is a list of the resources found in the Machines 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>Machines 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>Machines Nonfiction Book</i> <i>Teacher's Guide</i> _____	<input type="checkbox"/> <i>FOCUS Book Teacher's Guide</i> _____
Low ●	<i>The Mole Machine</i> ●
<input type="checkbox"/> <i>Simple and Complex</i> <i>Machines</i> _____	<input type="checkbox"/> Book _____
<input type="checkbox"/> <i>Book Quiz</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Máquinas simples</i> <i>y complejas</i> _____	<i>Let's Ride a Bike!</i> ●●
<input type="checkbox"/> <i>Prueba del libro</i> _____	<input type="checkbox"/> Book _____
Mid ●●	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Simple and Complex</i> <i>Machines</i> _____	<i>Spaceship Motions and</i> <i>Deep, Deep Oceans</i> ●●
<input type="checkbox"/> <i>Book Quiz</i> _____	<input type="checkbox"/> Book _____
<input type="checkbox"/> <i>Máquinas simples</i> <i>y complejas</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Prueba del libro</i> _____	<i>Wrecking Ball vs. Strong Wall</i> ●●
High ●●●	<input type="checkbox"/> Book _____
<input type="checkbox"/> <i>Simple and Complex</i> <i>Machines</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
<input type="checkbox"/> <i>Book Quiz</i> _____	<i>Waterwheels and Windmills</i> ●●●
<input type="checkbox"/> <i>Máquinas simples</i> <i>y complejas</i> _____	<input type="checkbox"/> Book _____
<input type="checkbox"/> <i>Prueba del libro</i> _____	<input type="checkbox"/> <i>Teaching Tips</i> _____
Discussion Cards	Investigation Packs
<input type="checkbox"/> <i>Machines 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> _____
Project-Based Learning	<input type="checkbox"/> <i>I.Files Teaching Tips</i> _____
<input type="checkbox"/> <i>PBL Overview</i> _____	<input type="checkbox"/> <i>I.File Response Sheet</i> _____
<input type="checkbox"/> <i>PBL Teaching Tips</i> _____	I.Files
<input type="checkbox"/> <i>PBL Project Organizer</i> _____	<input type="checkbox"/> <i>Ferris Wheels</i> ●
<i>PBL Teacher Rubrics</i>	<input type="checkbox"/> <i>Can Openers</i> ●●
<input type="checkbox"/> <i>Team</i> _____	<input type="checkbox"/> <i>Sailboats</i> ●●
<input type="checkbox"/> <i>Individual</i> _____	<input type="checkbox"/> <i>Clocks and Watches</i> ●●●
<input type="checkbox"/> <i>SAZ Journal</i> _____	Mystery File
	<input type="checkbox"/> <i>Army Ants</i> _____

Science Fair Resources

Teacher Resources

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

Student Resources

- Science Fair Project Ideas–Machines* _____
- Science Fair Student Guide* _____

Debates

- Debate Teacher’s Guide Intermediate (3–6)* _____
- Moving Boxes* _____

Science Videos

- Video Teaching Guide* _____
- FlipperBot*
 - Video _____
 - Discussion Questions _____
- Using Weights to Balance a Lever*
 - Video _____
 - Discussion Questions _____
- A Rube Goldberg Machine*
 - Video _____
 - Discussion Questions _____
- Materials Engineer*
 - Video _____
 - Discussion Questions _____

Career Files

- Robotic Engineer* _____
- Hair Stylist/Barber* _____
- Elevator Mechanic* _____

Quick Reads

- Earth Movers*
 - low _____
 - mid _____
 - high _____
- Machines with Magnets*
 - low _____
 - mid _____
 - high _____

Rube Goldberg

- low _____
- mid _____
- high _____

Reading A–Z Books

- Learning A–Z Connections Machines* _____
- Big Machines Level L* _____

Graphic Organizers

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

Retelling Rubrics

- Nonfiction Retelling Rubric* _____

Science Diagrams

- Science Diagram Teacher’s Guide* _____
- Force x Distance = Work* _____
- Simple Machines* _____

Game Packs

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

Vocabulary Cards

- Machines Vocabulary Cards* _____

Word Work

- Word Search* _____
- Fill in the Blank* _____
- Word Sort* _____