

How Does it Run?

Lesson Title: Power Play

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Answer these questions as you play the activity, Power Play.

Machine #1

What is the power source?

What task does the machine perform?

Is energy either created or destroyed in the process? Explain.

What observations can you make about the different parts and how they work together to run the machine?

How did you know which part to use when building the machine?

Describe what happens to the energy as it moves from its source to the work it performs.

Machine #2

What is the power source?

What task does the machine perform?

Is energy either created or destroyed in the process? Explain.

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What observations can you make about the different parts and how they work together to run the machine?

How did you know which part to use when building the machine?

Describe what happens to the energy as it moves from its source to the work it performs.

Machine #3

What is the power source?

What task does the machine perform?

Is energy either created or destroyed in the process? Explain.

What observations can you make about the different parts and how they work together to run the machine?

How did you know which part to use when building the machine?

Describe what happens to the energy as it moves from its source to the work it performs.

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Machine #4

What is the power source?

What task does the machine perform?

Is energy either created or destroyed in the process? Explain.

What observations can you make about the different parts and how they work together to run the machine?

How did you know which part to use when building the machine?

Describe what happens to the energy as it moves from its source to the work it performs.

When you're done with the activity....

Think of a machine that you used this morning. What was the machine?

What task did it help you complete?

What energy source(s) made it work?