



ENERGY scavenger hunt

Self-Guided Floor Activity

Energy exists in many forms.
Kinetic energy is the energy of motion.
Potential energy is energy stored.
Energy can change from one form to another.

You have _____ minutes to find examples of forms of energy.
Write down the location of the object and how it works.

1. Find an object that uses fast moving air to make something move. _____

2. Find an object that uses gravity to make it work. _____

3. Find an exhibit that changes mechanical energy to electrical energy.

4. Find an exhibit that uses the movement of the human body to make something work. _____

5. Find an object that makes a sound and explain what is vibrating.

6. Find an exhibit that uses the force of water to push or move something.

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Kinetic energy is the energy of motion.
Potential energy is energy stored.
Energy can change from one form to another.
Simple machines make work easier by using less energy to move something up and down or from one place to another.

When you explore, your team will look for the objects described on the list.

	Find something that...	Describe location & name of exhibit	Check if found
1	Uses wind energy		
2	Uses electricity to make something move		
3	Uses light energy		
4	Uses solar power		
5	Has wheels and axles		
6	Uses a spring		
7	Uses a pulley		
8	Uses a ramp or inclined plane		
9	Uses your muscles to make something move		
10	Uses air pressure to make something go up		
11	Uses gravity to make it work		

Bonus challenges:

Find the exhibit that shows how much heat energy you have. What part of your face is the hottest? Coolest?

Some of the objects in the list are simple machines. Write down the names of the simple machines.