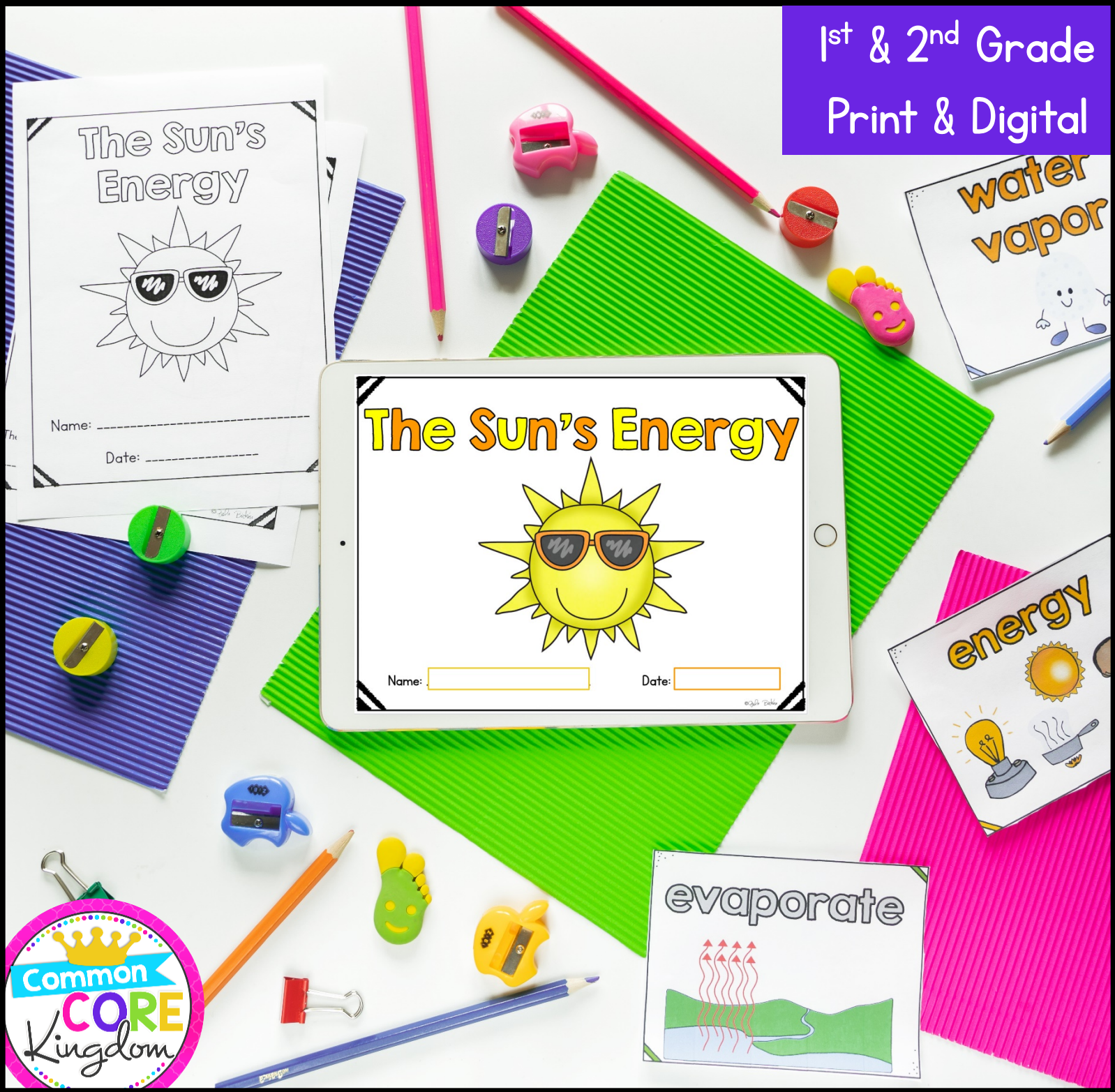
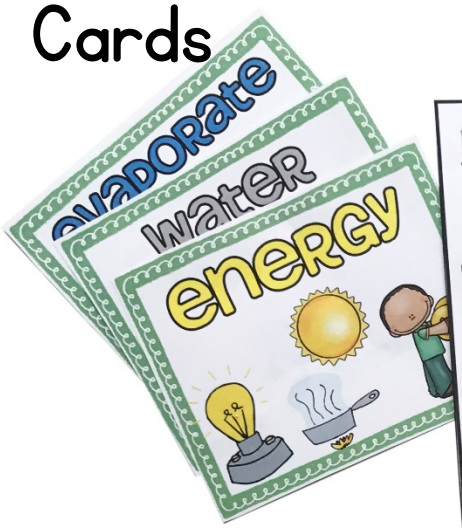
Science: The Sun's Energy



What is Included?

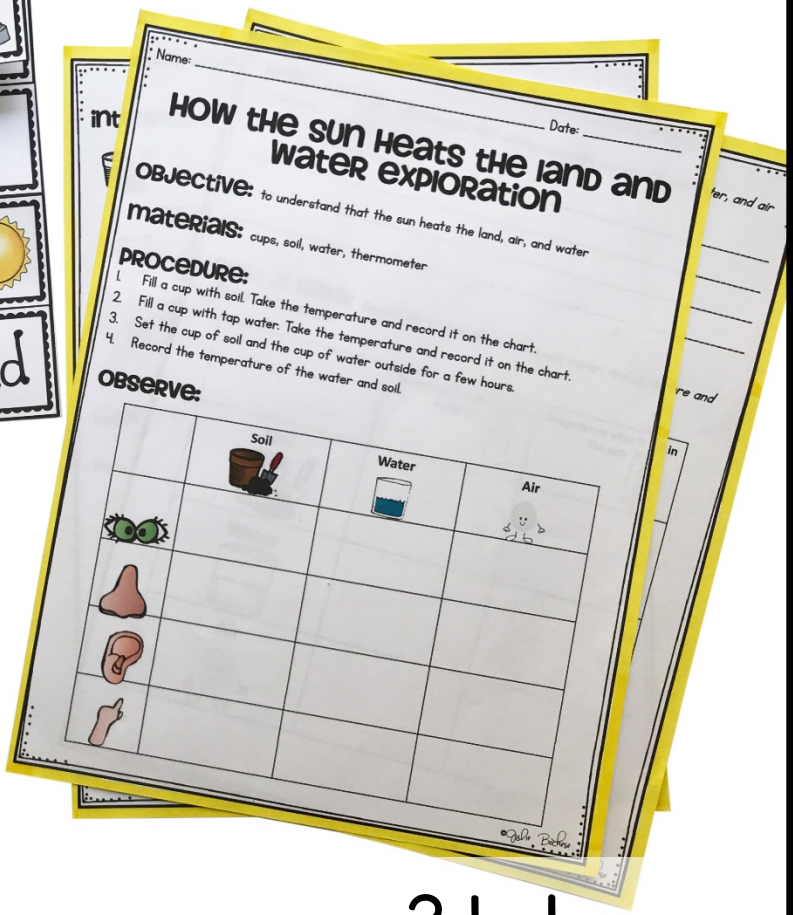
Video Resource List, Guide, and Worksheets

Vocabulary Cards

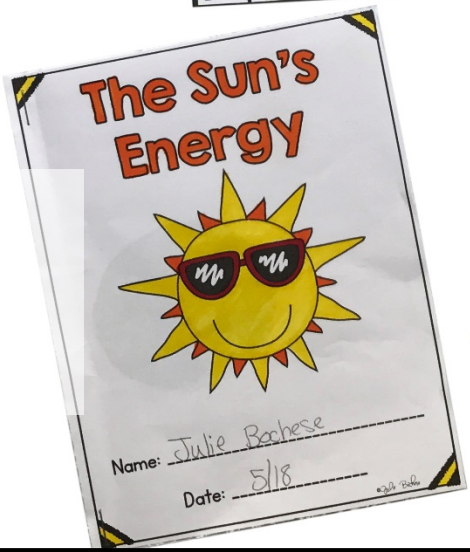


Flip Flap Activity

Quiz



Student Book



3 Labs

All About the Sun's Energy

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1. Teacher Page with Video Resources and Comprehension Worksheets
2. Brainstorm Blocks
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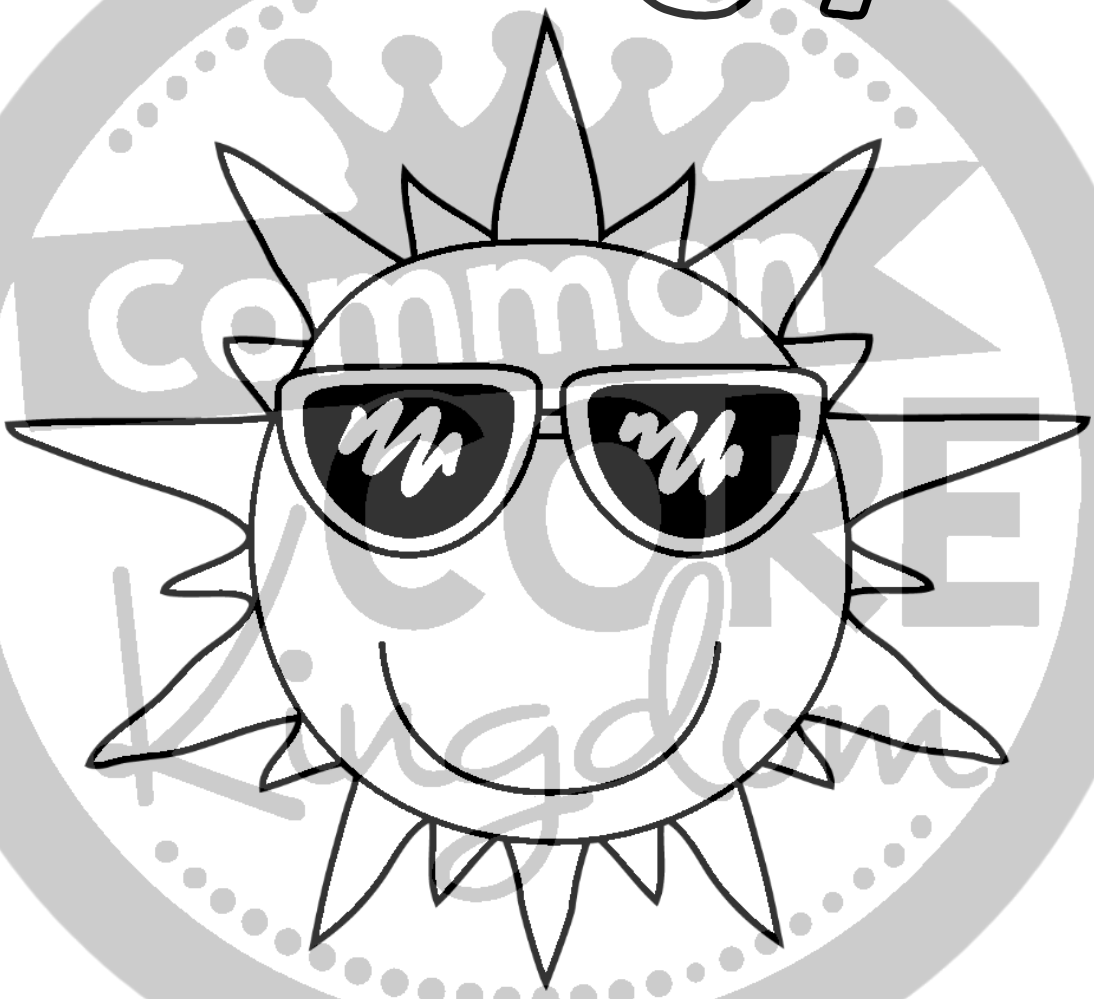
4. Mini Book
5. Types of Energy Flip Book Activity
6. How The Sun Heats the Land and Water Exploration/ Lab
7. Evaporation Exploration/ Lab
8. Disappearing Paintings Exploration/Lab
9. Quiz

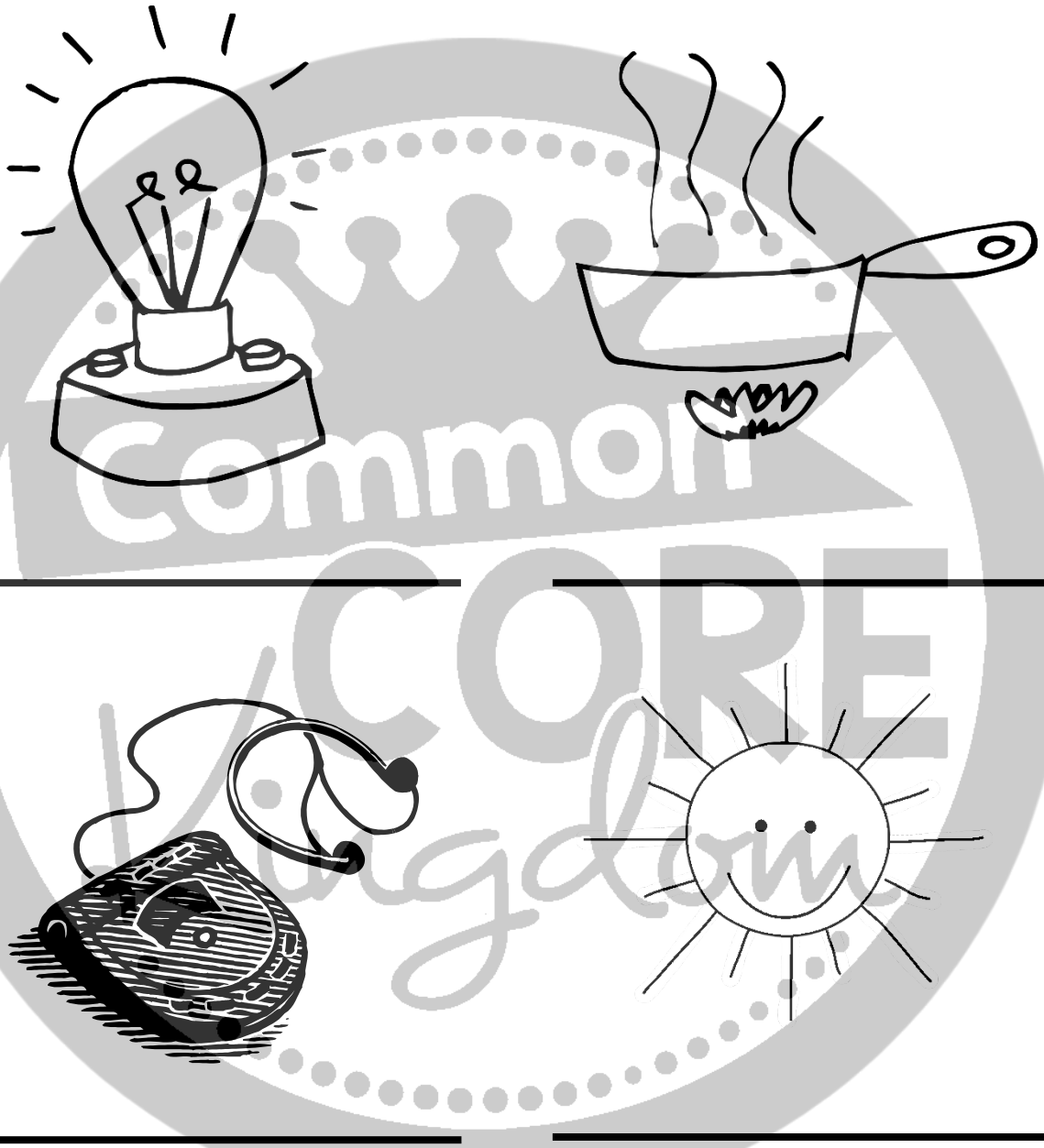
The Sun's Energy



Name: _____

Date: _____

Label the types of energy (heat, light, electrical, sound).



Light is a type of _____.

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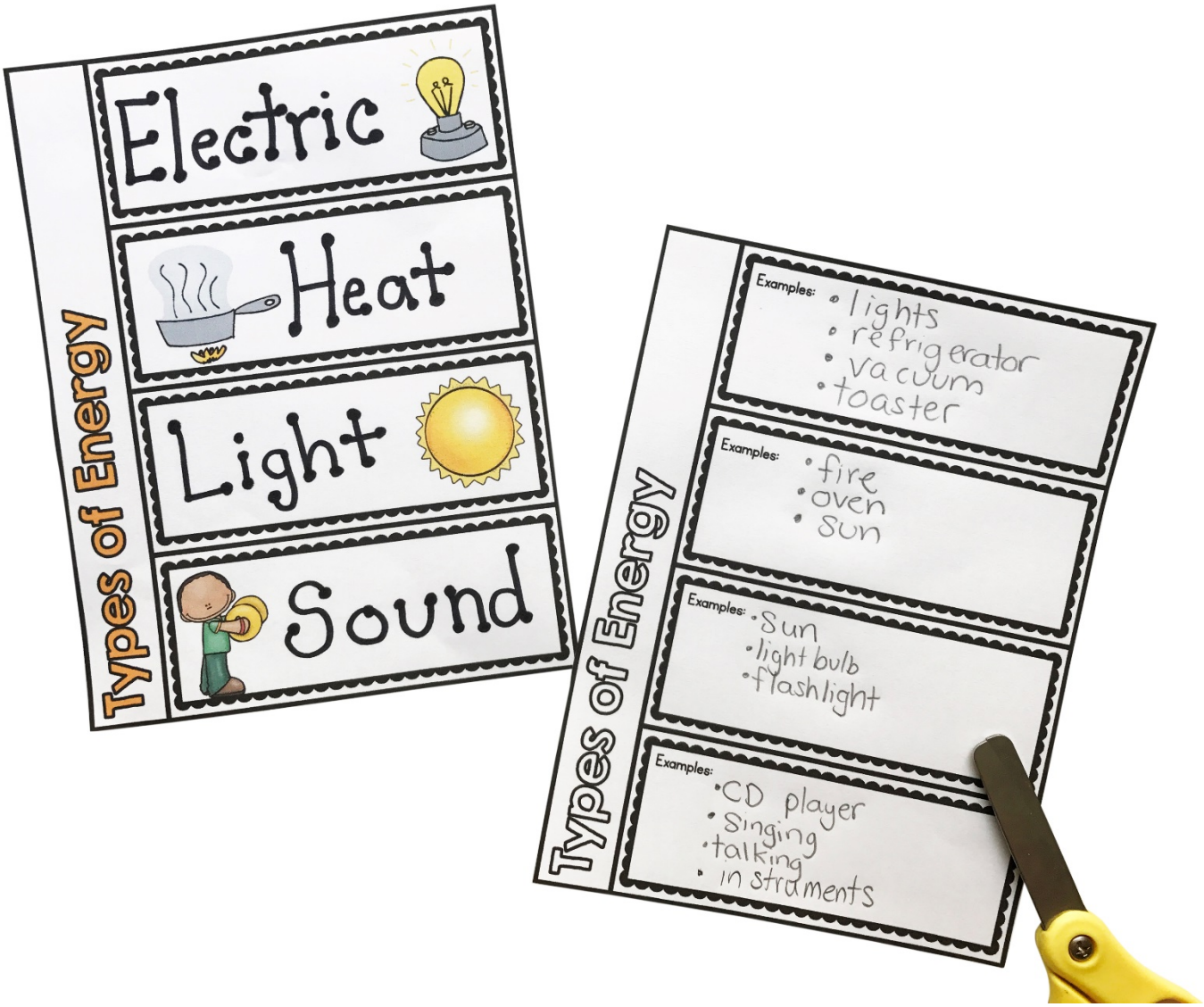
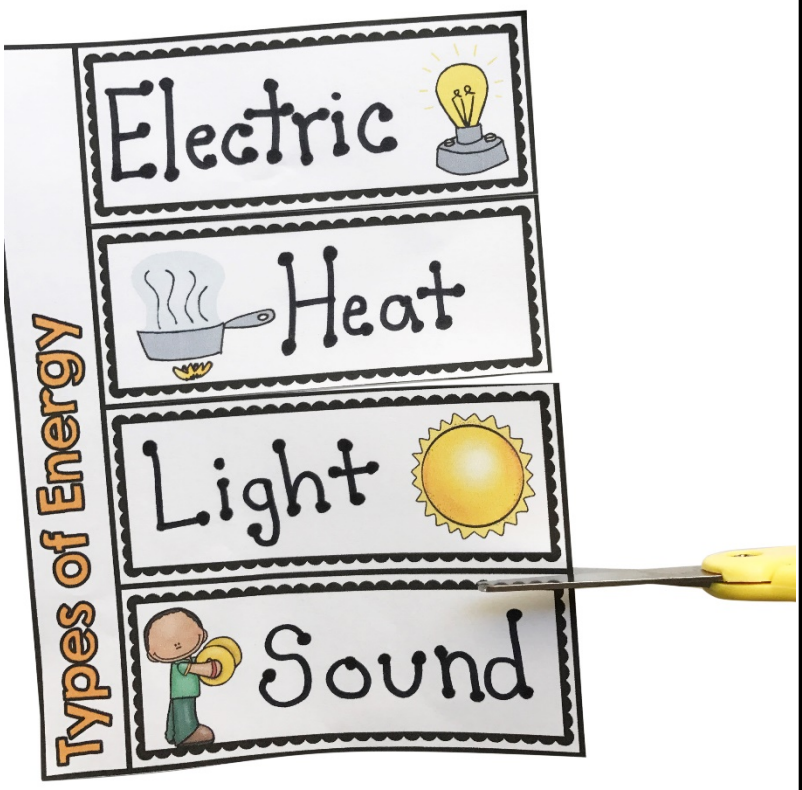


Flip Flap Activity Directions

1. Print pages 1-sided.
2. On page 1, cut the solid black lines separating the types of energy.
3. Staple or glue the margin of each page together to make a book.
4. Fill in facts and color.



Name: _____ Date: _____

How The Sun Heats the Land and Water Exploration

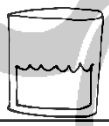
Objective: to understand that the sun heats the land, air, and water

Materials: cups, soil, water, thermometer

Procedure:

1. Fill a cup with soil. Take the temperature and record it on the chart.
2. Fill a cup with tap water. Take the temperature and record it on the chart.
3. Set the cup of soil and the cup of water outside for a few hours.
4. Record the temperature of the water and soil.

Observe:

	Soil	Water 	Air

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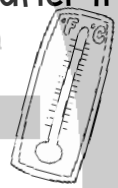
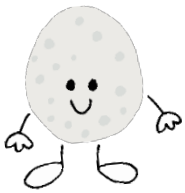
Hypothesis: *What do you think will happen when you set the soil, water, and air in the sun?*

Collect Data: *Record the temperature of the soil, water, and air before and after it sits in the sun.*

	Temperature before it sits in the sun	Temperature after it sits in the sun 
Soil		
Water		
Air 		

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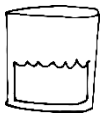
Interpret Data: *Write 3 sentences explaining the data you collected.*



Drawing Conclusions:

My hypothesis was _____ (correct/ incorrect). I discovered...

Reflections: *What questions do you have? What do you wonder?*

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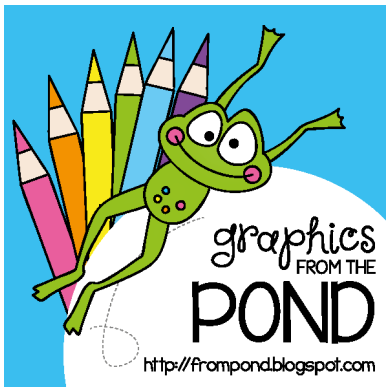
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