



# MAKING A PINWHEEL

## WIND LESSON

JUSTIN TAYLOR

Time Frame:	Standards:
30-60 minutes  Kindergarten	<b>K.S.1.6.1</b> Make observations <b>K.S.1.7.1</b> Use cooperation and interaction skills <b>K.S.1.8.1</b> Follow instructions
Objectives:	
<b>SWBAT</b> to follow instruction and help one another in creating a pinwheel. <b>SWBAT</b> to observe how the pinwheel works in different windy conditions, or how it works when they change the direction the pinwheel is facing.	
Background Information:	
<p>Wind is moving air. We can use the energy in wind to do work. Early Egyptians used the wind to sail ships on the Nile River. People use wind to move them in Sailboats. In Holland, people used windmills to grind wheat. Pilgrims used windmills to grind corn, to pump water, and to run sawmills. Today, we use wind to make electricity. This lesson, intended to show students that wind is able to work. Wind is able to move objects, from simple to more complex.</p>	
Materials:	
<ul style="list-style-type: none"><li>• Paper with the image copied on it.</li><li>• Scissors</li><li>• Pencil with a full eraser</li><li>• Thumb Tack</li></ul>	
Procedure:	
<ol style="list-style-type: none"><li>1. Copy the Pinwheel image on paper.</li><li>2. Have student color the square as they please.</li><li>3. With scissors have the student cut out the square</li></ol>	

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4. Also have the students cut on the lines towards the center
5. Instruct the student on how to fold the paper.
6. Use a tack to insert in the holes and into the eraser.
7. Have the student test the pin wheel.

### Assessment:

The assessment is observation. Can a student follow directions and make a pinwheel that is able to move with the wind.

### Additional Content:

Below is the template that can be copied and given to your students.

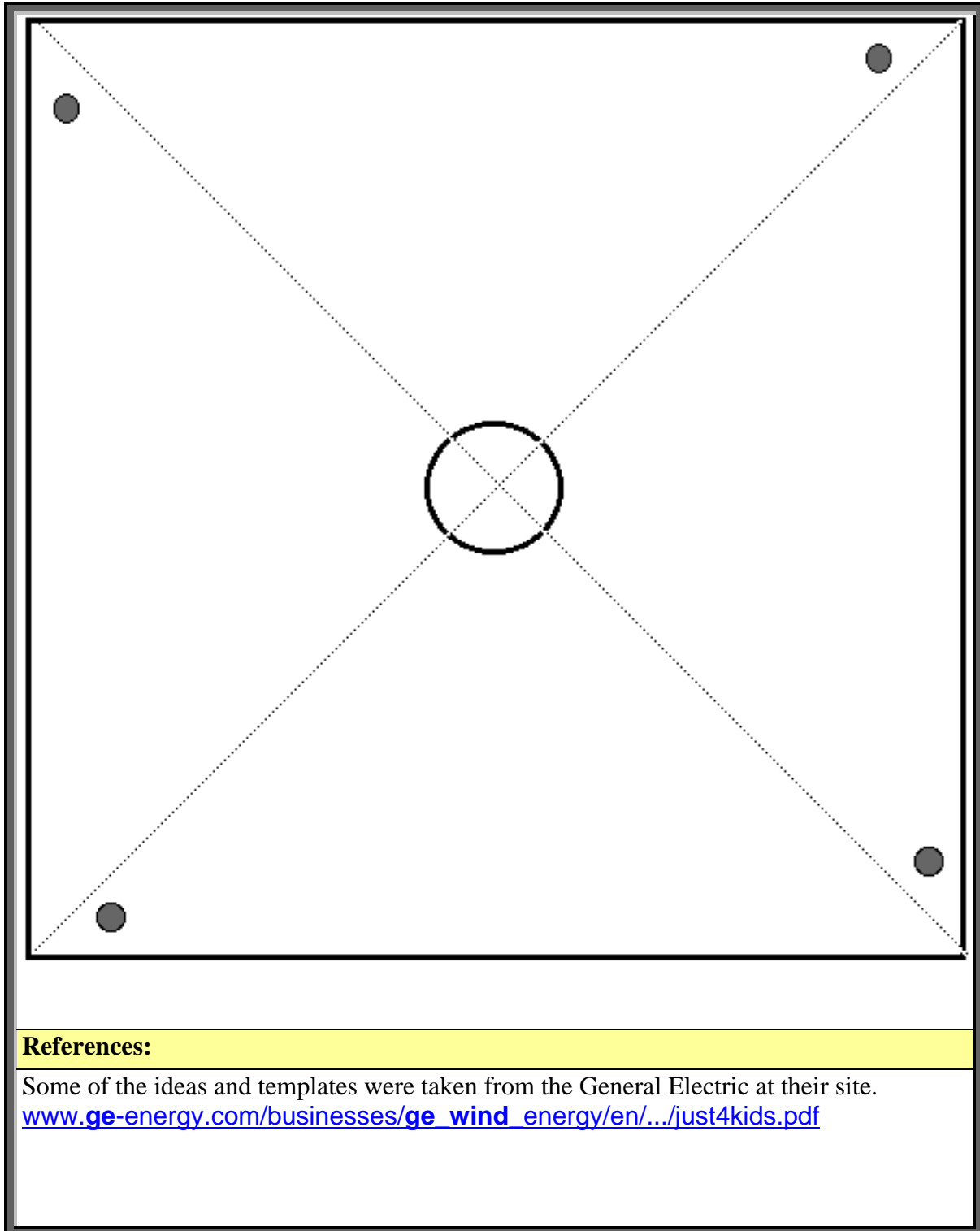
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