



# MAKING A WIND SERPENT

JUSTIN TAYLOR

## WIND LESSON

<b>Time Frame:</b>		<b>Standards:</b>	
30-60 minutes Kindergarten		K.S.1.6.1 Make observations K.S.1.7.1 Use cooperation and interaction skills K.S.1.8.1 Follow instructions	
<b>Objectives:</b>			
SWBAT to follow directions and help one another in creating a wind serpent. Also SWBAT to discuss what happens when wind hits the wind serpent.			
<b>Background Information:</b>			
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.			
<b>Materials:</b>			
<ul style="list-style-type: none"><li>• Paper with the image below copied on it.</li><li>• String</li><li>• Scissors</li><li>• Crayons</li><li>• Sharp pencil</li></ul>			
<b>Procedure:</b>			
<ol style="list-style-type: none"><li>1. Copy the image below onto a paper</li><li>2. Have the students color the serpent.</li></ol>			

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3. Cut out the square
4. Have the students cut along the dotted line.
5. With the pencil have the students poke a hole
6. Cut string to 12 inches.
7. Insert string into the hole.
8. Tie a knot on the bottom side of the serpent.
9. Hold the string from the top and allow the serpent to spin in the wind.

### Assessment:

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

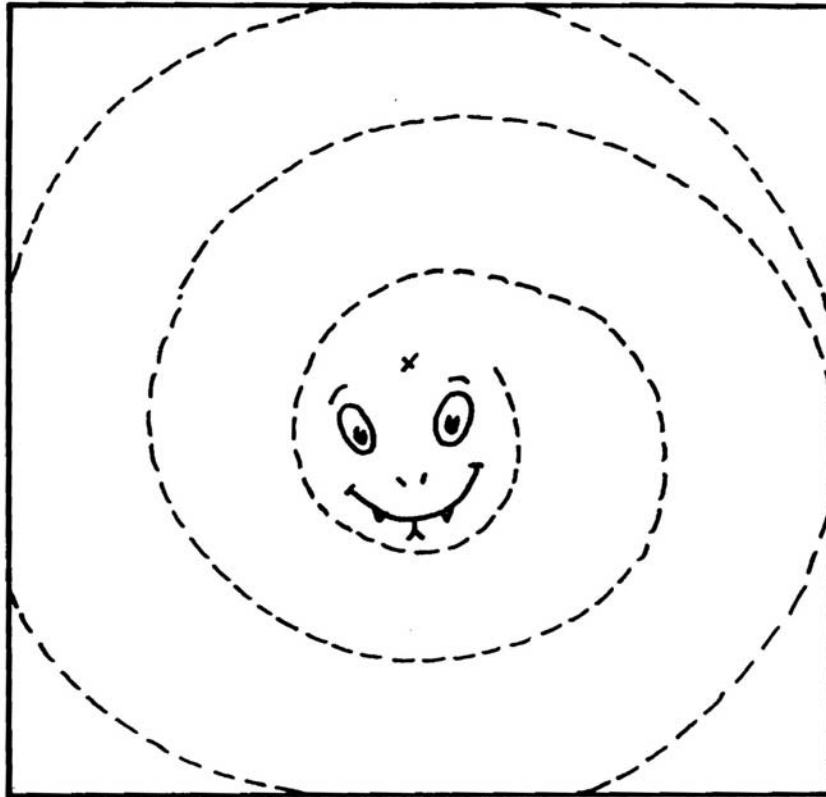
### Additional Content:

Template

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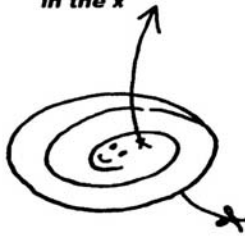
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### Make a wind serpent!



cut on the dotted lines

First, thread a string through a hole poked in the x



(Make sure there's a knot in it)

### FUN!

Then, you can carefully hold it under a flame - what happens?



(Don't get it too close to the flame)

References:

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Some of the ideas and templates were used from General Electric at their site.

[http://www.gepower.com/businesses/ge\\_wind\\_energy/en/downloads/serpent.pdf](http://www.gepower.com/businesses/ge_wind_energy/en/downloads/serpent.pdf)

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