

Activity: Heating Air

Problem: How does adding heat energy to air affect its motion?

Hypothesis/Prediction:

Materials:

- an aluminum pie plate
- scissors
- a candle and matches or a lamp
- thread
- pencil or marker

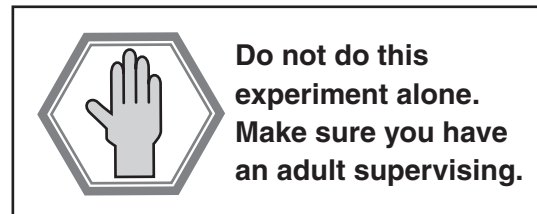
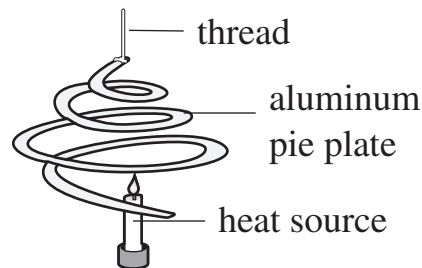


Diagram:



Procedure:

1. Measure to find the center of the aluminum pie plate and mark it with your pencil or marker. Poke a small hole in the center.
2. Draw a spiral design as shown in the diagram.
3. Cut out your spiral.
4. Tie the thread to the center hole so you can hold your spiral by the thread.
5. Hold your spiral over a lit candle or heated lamp. See the diagram.

Observations:

Inference/Conclusions:
