"Scientists Are Thinkers"

Question/Problem: What do we want to find out?

Does light affect the growth of plants?

Hypothesis: What do we think we will find out? Make a prediction.

Plants that are grown in warmer conditions grow faster than plants grown in cooler conditions

Materials: List what you will need to test the hypothesis

1. 2 plants of the same height.
2. A warm area of the room and a cold area of the room

Procedures/Steps: State step by step what you are going to do……specifically

1. Place a plant in a warm part of the room (near the heater) and place the other plant in a cooler part of the room (away from the heater or outside the classroom window).
2. Measure the height of the plant each day for 30 days (except weekends)

Observe and Record Data: List, picture, chart, graph

Create a table with the warm plant in the right column and the cold plan in the left column. Record the height of each plant each day for 30 days. The days will create the rows of the table.

Analysis/Results: What does the data tell us?

Based on the data, the plant grown in the warm conditions grew an extra inch (this is a made up number) at the end of 30 days.

Conclusion: What did I learn? What does it make me want to learn next?

Plants grow better in warm conditions.

In the future, I would like to control for the temperature better and repeat the experiment or next time I would like to do this experiment with different types of plants