

Problem: How does the amount of sunlight affect the growth of plants?

Hypothesis: Plants that spend more time in the sunlight will grow taller because plants grow taller in warm conditions.

Changed variables: amount of time in the sunlight and type of plant

Constant variables: amount of water

Materials: plants, water, sunlamp, ruler

Procedure: Take the plants and put them under the sunlamp. Leave some of them under the lamp for longer amounts of time than others.

Data Table:

Plant number	Length of time in sunlight per day	Height after 2 weeks
1	5 hours	8 inches
2	8 hours	12 inches

16 Assess Would you believe this result or would you be skeptical of it? Explain your answer.