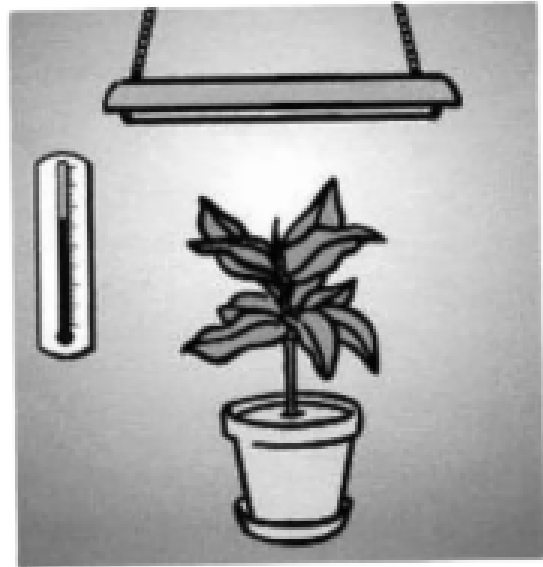


Scientific Method Worksheet



Based on the image, what would be a reasonable hypothesis for this experiment?

- A) If a plant receives more light, then it will grow taller because light is essential for photosynthesis.
- B) If a plant is in a bigger pot, it will grow taller irrespective of the amount of light.
- C) If a plant is watered more frequently, it will grow taller even if the light amount is constant.
- D) If a plant is grown in nutrient-rich soil, it will be greener, regardless of light conditions.

What scientific question best aligns with the experiment shown in the image?

- A) Does the type of pot affect plant growth?
- B) Does the type of soil influence how tall a plant grows?
- C) Does the amount of light affect plant growth?
- D) Does watering frequency change the color of the plant leaves?