

#27

Grade 7 – St. Joseph School

Herndon, VA

Mrs. Hurley

Botany

Just Keep Growing

If bean seeds are exposed to natural light sunlight, a 60 Watt light bulb, an LED light and a fluorescent light, then the fluorescent light will facilitate the greatest growth.

The Independent variable in my experiment was the light source. The light sources changing for the plants were natural sunlight, 60 Watt light bulb, fluorescent light and an LED light. The dependent variable in my experiment was the plant height. The greatest plant height was from the 60 Watt light bulb, (3 in. = 7.62 cm.). The lowest height out of my plants was from the LED light, (1 in. = 2.54 cm.). But, for both of the plant heights for natural sunlight and fluorescent light did not grow.

In conclusion, the plant that grew the tallest was the 60 Watt light bulb. The plant grew to be 7.62 cm. taller than all the other plants with different lights.