LAB: Photosynthesis & Colors of Light

ESSENTIAL QUESTION: Which colors of the light spectrum are most important for plant growth?

<u>Hypothesis</u>: Which color in the visible spectrum causes the most plant growth and which causes the least plant growth.

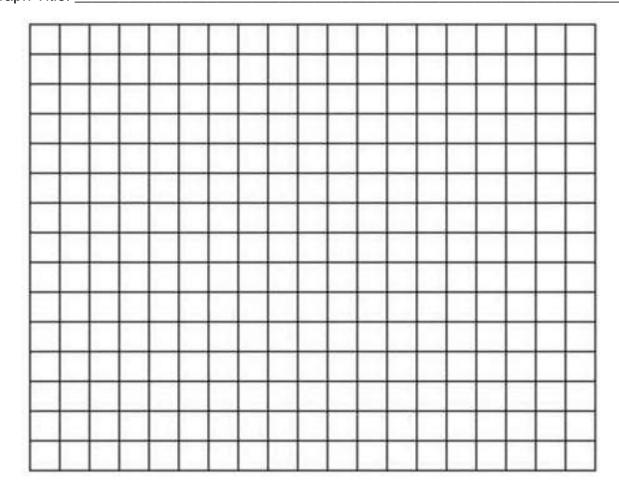
(Circle): Plants will grow best with [red / blue / green / white] light.

DATA: Collect data as the radish grows!

| Color | Red | | | Green | | | | Blue | | | White | | | | | |
|--------------------|-----|--|--|-------|--|--|--|------|--|--|-------|--|--|--|--|--|
| Date | | | | | | | | | | | | | | | | |
| Totale Height (cm) | | | | | | | | | | | | | | | | |
| Growth (cm) | | | | | | | | | | | | | | | | |

<u>Graph</u>: use the averages of each plant at each color. Label all axes, include appropriate units, titles, and a colored key.

Graph Title:



| X Axis: | |
|---------|--|
| | |