

Writing a good hypothesis

DIRECTIONS: Use the following statements and write a good hypothesis – think about how one thing will affect the other (The **INDEPENDENT** variable is the “cause” & the **DEPENDENT** variable is the “effect”) and use your ‘if, then’ statements. Try using the words “increase” and “decrease”

1) Chocolate may cause pimples.

If the amount of chocolate decreases,
then Pimples will decrease.

2) Salt in soil may affect plant growth.

If the amount of salt decreases,
then plant growth will increase.

3) Plant growth may be affected by the color of the light.

If the light is white, then
the plant will grow taller.

4) Bacterial growth may be affected by temperature.

If the ~~temperature~~ temperature increases,
then bacterial growth will increase.

5) Sunlight may cause skin cancer.

If the amount of sunlight increases,
then the risk of skin cancer increases.

6) Temperature may cause leaves to change color.

If temperature decreases, then the
leaves will change to red, orange, or
yellow.

7) Amount of reading that you do may affect your intelligence.

If the amount of reading increases
then intelligence increases.

* These are examples. Notice they
all have an If/then statement.