**The Hypothesis**

If the (MV) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ increase/decreases

then the (RV \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_will increase/decrease

because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**The Materials List**

**The Material List should follow these rules:**

1. Be specific to amount, size and length.
2. Listed in metric units where appropriate.

**Example of a Material List:**

|  |  |
| --- | --- |
| **Bad Material List:** | **Good Material List:** |
| * + 1. Water     2. Watch     3. Ruler     4. Dirt | 1. 20 Liters of Water 2. Stop watch with second hand 3. Metric Ruler with millimeters listed 4. 3 cubic meters of potting soil |

**The Procedure**

**The Procedures should follow these rules:**

1. Label each step with a number or letter.
2. Write your procedures in a cookbook format
3. Be very specific with quantities, amounts and the order that things need to be done or completed.
4. Include EVERYTHING that must be done, even if it seems obvious.
5. Write the steps in order.

**Example of a Procedures / Method list:**

1. Prepare three trays by putting an equal amount of potting soil in each tray. If you are using pans or cookie sheets, spread a layer of gravel on the bottom of the pan before adding the soil. This will allow for drainage since you will be watering all three pans while the grass is growing.
2. Set Tray 1 aside. In Tray 2, cover the soil with a layer of leaves and grass clippings. In Tray 3, sprinkle grass seed on the top of the soil.
3. Place the three trays in a place where they are level and have similar light and temperature conditions. (The temperature must be above 50°F (10°C) for the grass to grow.)

Use the sprinkling can to give each tray the same amount of water. Continue watering all three trays approximately every 3 days until the grass in Tray 3 is about .5 inches (1.25 centimeters) tall. This may take one week or longer. You may have to adjust your watering schedule depending on how fast the soil dries. Check the soil daily to see if it looks and feels moist.

**Fill in the blanks below to create a quality Procedure / Method list.**

|  |
| --- |
| **Procedures:** |
| **1)** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **2)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **3)**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |