

SCIENCE VOCABULARY # 1

- DIRECTIONS:** 1. **DEFINE** each word.
2. **DRAW** a quality **COLOR** picture of concept.
3. Give an **EXAMPLE** from the book **or** class.

1. **HYPOTHESIS:** an educated **guess** or a possible **explanation**.
2. **CONTROL GROUP:** in an experiment the population or group that **does not** get the treatment (variable).
3. **EXPERIMENTAL GROUP:** in an experiment the population or group that **receives** the treatment (variable).
4. **VARIABLE:** the part of the experiment or treatment that is **different** between the control and experimental groups.
5. **DATA:** facts, figures and **information** that is gathered through observations and conducting experiments.
6. **CONCLUSION:** an **explanation** of what the data means.
7. **OBSERVING:** the process of using one or more of your senses to **gather information**.
8. **INFERRING:** the process of **making sense** of information gathered.
9. **PREDICTING:** the process of **deciding what will happen** in the future based on past experience or information gathered.
10. **MEASURING:** the process of **collecting data** from the world around you.
11. **QUALITATIVE:** observations that describe something's **characteristics** or **quality**.
12. **QUANTITATIVE:** observations that provide information about **quantity** or the **amount**. (They almost always **include the units**).