



Introduction Video

INTRODUCTION TO SCIENCE



Definitions:

GRAPHS/CHART/TABLES

Used to organize and analyze data

OBSERVATION

learning about the world through the use of the five senses.

Smell
SIGHT
TASTE
HEARING
TOUCH

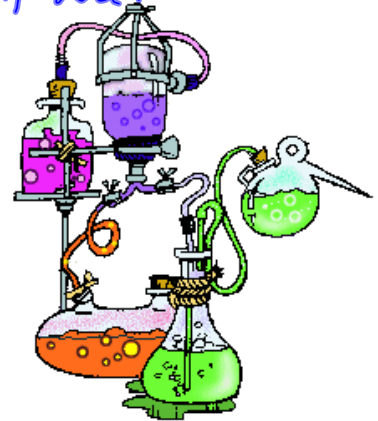
HYPOTHESIS

- 1) Prediction
- 2) Using what you observe to suggest a possible answer to your question
- 3) Hypothesis must be testable

CONTROLLED EXPERIMENT *same amt of sugar + water*

- 1) Test
- 2) All set-ups are the same in all ways except one

VARIABLE → *DIFFERENT* *TEMP of water*
Unknown - the "thing" you are trying to find out



CONCLUSION STATEMENT

- 1) Sums up what you have learned
- 2) Must reflect your hypothesis

THEORY

conclusion / idea supported by a lot of evidence

DATA

obtained information



Steps intro video

Video Song

SCIENTIFIC METHOD STEPS

1. **Make an observation**
2. **Ask a question**
3. **Make a hypothesis**
4. **Plan and do a test**
5. **Record and analyze**
6. **Draw a conclusion**

