

Name \_\_\_\_\_ # \_\_\_\_\_

Date \_\_\_\_\_

## Science Terms

data: information you collect from an experiment

analyze: to study something closely

data table: a way to organize and display information that has been collected from an experiment

bar graph: a graph that uses bars to show information

model: a copy of something. Scientists create models so they can study things that are very small or very large. (\*large example: solar system) (\*small example: a cell)

line graph: a way to organize and display information using horizontal lines; line graphs show changes over time

hypothesis: an educated assumption. \*Meaning your guess should be reasonable.

prediction: a statement about what you think will happen within the experiment

investigation: this is what you are doing when you look at a problem in a scientific way and ask questions in order to solve it. This is also called an experiment.

conclusion: a decision made based on knowledge and observations

observation: when you are using your five senses to learn more about the world

inference: a conclusion based on prior knowledge and experience

reasonable: something that makes sense

accurate: means correct

volume: how much space an object takes up

weight: the pull of gravity on an object

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