

Science Vocabulary – week 1

data – the facts, figures, and other evidence gathered through observations

inference – to explain or interpret things you observe

prediction – to make a forecast of what will happen in the future based on past experience or evidence

hypothesis (pl. hypotheses) – a possible explanation for a set of observations or answer to a scientific question; an educated guess

variable – factors that can change in an experiment

observing – using one or more of your senses to gather information

experiment – the set of steps taken to test a hypothesis

control group – the group in an experiment in which no variable is tested; most like a normal situation

experimental group – the group in an experiment in which one variable is tested

theory – an idea which is supported by data and generally accepted by scientific community to be true

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