**Name: Date:**

**Science** a. tool for looking at objects that cannot be seen with the eye alone

**Scientist** b. Idea or explanation that can be tested with a investigation

**Hypothesis** c. an explanation based on evidence

**Data** d. The study of the natural world

**Observations** e. The bits of information you observe

**Investigation** f. Asks questions about the natural world

**Inference** g. Used to measure mass with units called grams

**Microscope** h. Information collected by using the five senses

**Pan balance** i. A statement that describes an observation

**Spring scale** j. Used to answer questions. The steps include asking question, making observations, reding or talking to experts, drawing conclusions and sharing what you learn.

**Claim** k. used to measure force in units called newtons. It has a spring that is stretched by force, such as gravity

1. Scientists use their observations and existing research to make .
2. Scientists plan and conduct that will answer science questions.
3. Scientists when they think of a testable statement that tries to explain an observation.
4. Scientists draw when they use evidence to evaluate a hypothesis.