**Science** is a study of the natural world.

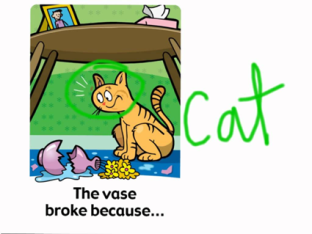
A person who studies science is a **scientist**.

**Observe** – using your senses to notice details. (facts)

We use five senses: see, hear, touch, taste, smell



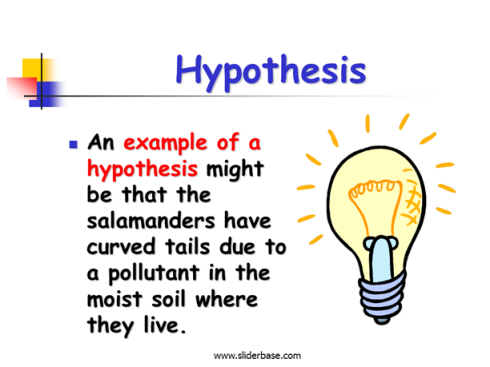
**Predict** – a guess using what you already know.



**Infer** - offering an explanation of what you observed. (based on what you see)



**Investigation** – a planned way to finding answers to a question.



**Hypothesis** – a possible

explanation or answer to a question,

a testable statement.

**Experiment** – a test done to gather evidence.

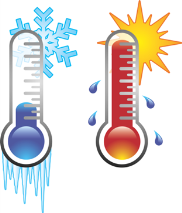


**Variable** – the one thing that changes in an experiment.



**Microscope** – a tool that magnifies objects that

are too tiny to be seen just with the eyes.



**Temperature** – a measurement of how hot or cold something is.

**Tools** used to measure **volume**:

Beaker Measuring Cup Graduated cylinder





**Data** – individual facts, statistics and items of information.

For example, grades.

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**Evidence** – the facts that show if a hypothesis was correct.



**Bar Graph** – a graph that shows how things compare.

**Data Table** - a chart for holding numbers.

**Observation** is something that you see (observe) using your senses.

I can prove it with 5 senses

**Inference** – is something you think based on your observation. (what you see)