CRS

COMMUNITY RESOURCES FOR SCIENCE
practical support for great science teaching

1611 San Pablo Avenue, Suite 10 B
Berkeley, CA 94702

(510) 527-5212 | www.crscience.org

Sentence Frame Examples

Predicting and Making a Hypothesis:

I predict _____ because _____

I think that if we change _____ then the _____ will _____.

Collecting Data:

The _____ will be measured (or observed, timed, weighed) to find out _____.

Responding Variable: The _____ will be measured (observed, timed, weighed) every _____(minutes/hrs/days).

The manipulated variable is _____ and the responding variable is _____.

_____ Number of trials will be run for each change in the manipulated variable.

When I changed the _____, I observed that _____.

The color is _____. The texture is_____. The shape is_____. It tasted like_____

Draw a picture of your object:

Analyzing Data:

The (*tested object, i.e. Electromagnet*) (*action tested, i.e. picked up*) _____ (*number or other data, 3 paperclips*) with _____ (*number or other description of manipulated variable, i.e. 10 coils*) .

It *(action tested, i.e. picked up)* *(number or other data, 8 paperclips)* with _____(*number or other description of manipulated variable, i.e. 20 coils*). Etc.

I think the data could have been affected by _____

The pattern I noticed is _____.

The experiment showed that _____ was more (successful, larger) than _____.

Drawing and Applying Conclusions:

The evidence supports the idea that _____

I learned that _____. I know this because _____.

Another example that demonstrates this idea is_____.

Content Specific Examples of Big Idea Statements:

Matter freezes when _____ *energy is pulled out.*

Food webs are *stronger* when they have more connections.

Organisms that can make their own food from the Sun's Energy are called _____*producers*_____.

Consumers get their energy by *eating other organisms* .