Grade 4- Science Skills Review Vocabulary

Scientific Method- procedure used by scientists to solve problems

Hypothesis- a suggested solution to a problem or ‘educated guess’

“I think …………………………………………… because…………………………”

Experiment- a test performed check a hypothesis

Data- the results of an experiment

Data Table- a chart that is used to record the results from an experiment in an organized and easy to read manner

Graph- a picture or illustration of data from a data table

Conclusion- a summary of the results of an experiment which answers the question from the problem and states if the hypothesis is correct or incorrect. “Based on my experiment, my hypothesis is correct/incorrect.”

Metric System- system of measurement used by scientists – based on units of 10

List the steps of the scientific method:

1. State the problem or question
2. Gather information
3. Make a hypothesis
4. Experiment
5. Collect results and analyze data
6. Form a conclusion