**GRADE 7 – Scientific Method**

**1.1 - The Scientific Method**

* Steps of Scientific Method – Visual (observe, question, hypothesis, experiment, analyze, conclusion/revise)
* The Scientific Method
* The Scientific Method in Action
* Qualitative Observation vs. Quantitative Observation
* Observation and Inference

**1.2 - Variables**

* Control, Independent, Dependent Variables
* Gizmos - Seed Germination
* Experiment - Rubber Band Launcher
* Gizmos - Design Your Own Experiment - Trebuchet

**1.3 - Data (mean, mode, median, range, outliers)**

* Practice
* Gizmos - Reaction Time (Meter sticks)
* Experiment - Ball Toss Accuracy

**1.4 - Graphing**

* Bar Graphs + Line Graphs