**Science Vocabulary**

* *Calculate:* Perform mathematical steps to arrive at a final answer, including algebraic expressions, properly substituted numbers, and correct labeling of units and significant figures.
* *Construct/Draw:* Create a diagram, graph, representation, or model that illustrates or explains relationships or phenomena. Labels may or may not be required.
* *Describe:* Provide relevant characteristics of a specified topic.
* *Determine:* Decide or conclude after reasoning, observation, or applying mathematical routines (calculations).
* *Evaluate:* Judge or determine the significance or importance of information, or the quality or accuracy of a claim.
* *Explain:* Provide information about how or why a relationship, process, pattern, position, situation, or outcome occurs, using evidence and/or reasoning to support or qualify a claim. Explain “how” typically requires analyzing the relationship, process, pattern, position, situation, or outcome; whereas explain “why” typically requires analysis of motivations or reasons for the relationship, process, pattern, position, situation, or outcome.
* *Identify:* Indicate or provide information about a specified topic, without elaboration or explanation.
* *Justify:* Provide evidence to support, qualify, or defend a claim, and/or provide reasoning to explain how that evidence supports or qualifies the claim.
* *Make a claim:* Make an assertion that is based on evidence or knowledge.
* *Predict/Make a prediction:* Predict the causes or effects of a change in, or disruption to, one or more components in a relationship, pattern, process, or system.
* *Represent:* Use appropriate graphs, symbols, words, illustrations, and/or tables of numerical values to describe biological concepts, characteristics, and/or relationships.
* *State (the null/alternative hypothesis):* Indicate or provide a hypothesis to support or defend a claim about a scientifically testable question.
* *Support a claim:* Provide reasoning to explain how evidence supports or qualifies a claim.