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| **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 qualfiy 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** | 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 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. |