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Higher Order Thinking Item Formats

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Leveled Question Format Examples

- **<u>Remembering</u> factual knowledge:**
  - Write the question as a factual statement.
  - Offer similar, but discernable options
  - Ask: Provide the answer using a series of words or phrases (select)
- **<u>Understanding</u> conceptual knowledge:**
  - Write the question as a factual statement.
  - Ask: Provide the answer using fill-in-the-blank. (identify)
- **<u>Applying</u> procedural knowledge:**
  - Provide a diagram or data set and ask for application
  - Ask: Given the following chart, which of the following is most likely to occur next? (predict)
- **<u>Analyzing</u> conceptual knowledge**
  - Provide a diagram or data set and ask for analysis.
  - Ask: Given the following data, which illustrates a significant savings? (calculate)
- **<u>Evaluating</u> procedural knowledge**
  - Provide a case study, scenario, or current event situation
  - Ask: Which of the following would have been a better plan of action? (compare/contrast)
- **<u>Creating a solution</u>**
  - Provide a case study, scenario, or current event situation
  - Ask: Develop a plan to resolve this problem. (create)