Knowledge Constructor

**ISTE Standard 3:** Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.

Components for Design & Scoring

These projects, activities, and learning experiences consist of: the gathering, evaluating, and organizing of quality information from multiple sources, especially in connection with real-world problems and solutions.

**While designing, incorporate as many components as make sense & prioritize at least 2.** Consider the questions for the corresponding prioritized component as you design.

<table>
<thead>
<tr>
<th>a. Knowledge constructors collaborate with a teacher to employ appropriate research techniques to locate digital resources that will help them in their learning process.</th>
<th>c. Using a variety of strategies, knowledge constructors organize information and make meaningful connections between resources.</th>
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</thead>
<tbody>
<tr>
<td>With help from a teacher, do students have the opportunity to find and choose their own digital resources for research?</td>
<td>Do students have the opportunity to use digital tools to organize information and make connections between resources?</td>
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<tr>
<th>b. Knowledge constructors learn how to evaluate sources for accuracy, perspective, credibility and relevance.</th>
<th>d. Knowledge constructors explore real-world problems and issues and collaborate with others to find answers or solutions.</th>
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<tbody>
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<td>Do students learn strategies to evaluate the quality of online resources?</td>
<td>Do students have the opportunity to explore age-appropriate real world issues and work with others to find solutions?</td>
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Scoring Guide

Determine which of the following best describes the student's level of proficiency. The above components for design and scoring may assist in evaluating.

**Exceeded:** Students go beyond what was taught and demonstrate a high level of knowledge, skill or understanding.

**Mastered:** Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.

**Partially Understood:** Approaching mastery level. Meets some requirements for proficient work, demonstrates some knowledge & understanding

**Needed Support:** Below mastery level. Meets few requirements for proficient work. Demonstrates little knowledge & understanding.

Potential Exceeded Examples

Students can be marked as Exceeded if they have mastered the standard and demonstrated one or more of these components:

- Students collaborate with a teacher to employ appropriate research techniques to locate digital resources that will help them in their learning process.
- Students individually learn how to evaluate sources for accuracy, perspective, credibility and relevance.
- Students individually information and make meaningful connections between resources.
- Students individually explore real-world problems and issues and collaborate with others to find answers or solutions.