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**Explorer**

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**Adventurer**

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**Surveyor**

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**Sightseer**

## 1. Write a Question for Investigation

**Goal:** Write a focused question to guide your investigation.

- Question was clear, thoughtful and creative.
- Question required deep thought and challenging research.

- Question was clear and focused.
- Question required deep thought in order to do research.

- Question asked for easily available answers.

- Question did not relate to the Challenge task.
- Question required little creative thought.

## 2. Research

**Goal:** Use good sources to find information that will help you answer your research question.

- Information included basics of the topic and an in-depth study of the topic.
- Used a variety of quality sources and carefully selected only the information that answered the research questions.
- Several primary sources were included.

- Information included basics of the topic and an in-depth study was begun.
- Used a variety of sources to find information that answered the research questions.
- Primary sources were included.

- Information was incomplete and only included basic understanding of the topic.
- Sources lacked relevance, quality, depth, balance, or accuracy.
- Primary sources were not included.

- Information was incomplete and did not include basic understanding of the topic.
- No sources included.

## 3. Analyze & Organize

**Goal:** Answer your question for investigation with a thoughtful response to the challenge task.

- Information was thoughtfully collected; ideas thoroughly explained and supported.
- Answer explains why the connections were made and what was learned.
- Several detailed conclusions were reached from the evidence offered.
- Question was answered with meaningful information that showed accuracy, attention to detail, and understanding.

- Information was collected and ideas were explained and supported.
- Answer explained the connections made and what was learned.
- Several conclusions were reached from the evidence offered.
- Question was answered in a way that showed learning, detail and accuracy.

- Information was collected but ideas needed explanation and support.
- Answer included the connections made.
- Some detailed conclusions were reached from the evidence offered.
- Response to question was not clear or only answered part of the question.

- Document restated information found in resources. Thoughts are not supported by evidence.
- Answer did not identify connections made.
- Response to question was incomplete and/or wasn't completely accurate.

## 4. Publish & Reflect

**Goal:** Show what you have learned, reflect on your experience, and determine what new questions you have now.

- Meaningful information was incorporated into overall project and showed deep understanding of the topic.
- Student learning was clearly communicated; project was logical, creative, organized and complete; project incorporated a variety of sources.
- Student demonstrated a great deal of thought and effort.
- Reflection on learning showed a thoughtful consideration of unanswered questions and new ideas.

- Meaningful information was incorporated into project and showed understanding.
- Student learning was clearly communicated; project was logical, creative, organized and complete; project incorporated a variety of sources.
- Student demonstrated a great deal of thought and effort.
- Reflection on learning showed a thoughtful consideration of unanswered questions and new ideas.

- Some meaningful information was incorporated into project and showed a basic understanding.
- Student learning was somewhat organized, but needed clearer connections among ideas and sources.
- Reflection on learning showed some consideration of unanswered questions and/or new ideas.

- Little meaningful information was incorporated into project and showed a lack of understanding.
- Student learning was not organized and lacked connections between ideas and sources.
- Reflection on learning showed little consideration of unanswered questions or new ideas.