Hot Pursuits: Learning Network Manager

Grades 9 to 10
Benchmark D: Recognize that scientific literacy is part of being a knowledgeable citizen.

Grade Level Indicator: Investigate how the knowledge, skills and interests learned in science classes apply to careers students plan to pursue.

Grades 11 to 12
Benchmark C: Explain how societal issues and considerations affect the progress of science and technology.

Grade Level Indicator: Research the role of science and technology in careers that students plan to pursue.

Teacher Information:
This video does a wonderful job providing students with several examples of various opportunities for students interested in STEM careers. After watching the video, have students take on the role of an engineer using Task Card 1.

Materials needed for each group or student:
Task Card 1
You are an engineer working at a local company. A high school student writes to you inquiring about experiences that would help her prepare for a career in engineering. Create a response letter that provides details about courses and experiences that she should consider. In your letter, be sure to address how each example you provide would be beneficial to preparing for a STEM career.
## Task Card 1 Teacher Rubric

<table>
<thead>
<tr>
<th>Points</th>
<th>Description</th>
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<tbody>
<tr>
<td>2 Points</td>
<td>Response provides multiple details about courses and experiences that would help prepare for a career in STEM and addresses why each experience is beneficial.</td>
</tr>
<tr>
<td>1 Points</td>
<td>Student response provides reasonable examples, but may lack details.</td>
</tr>
<tr>
<td>0 Points</td>
<td>Student response lacks details or does not contain sufficient information to guide potential candidates towards STEM careers.</td>
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