Every country has cyber security issues and every business has to prepare for these types of issues. They are not isolated to only big companies but small ones as well. In order for companies to survive cyber security issues they have to have procedures that will help reduce the exposure to potential breaches. These procedures have to take into consideration the laws in a country and what the government allows.

Global Competencies Addressed:

- Investigate the World: Initiate investigations of the world by framing questions, analyzing and synthesizing relevant evidence, and drawing reasonable conclusions about global issues.
- Recognize Perspectives: Recognize, articulate, and apply an understanding of different perspectives.
- Communicate Ideas: Select and apply appropriate tools and strategies to communicate and collaborate effectively, meeting the needs and expectations of diverse individuals and groups.
- Take Action: Translate ideas, concerns, and findings into appropriate and responsible individual or collaborative actions to improve conditions.
### Standards Addressed

<table>
<thead>
<tr>
<th>Career/Technical Knowledge and Skills</th>
<th>Academic Knowledge and Skills</th>
<th>21st Century Skills</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Determine the agencies responsible for protecting against cyber threats.</td>
<td></td>
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</tbody>
</table>
| 2. Determine how to keep the rights of employees in place but also protect a company from losing vital information. | **Writing:** Communicate information and ideas in narrative, informative, and persuasive writing with clarity and effectiveness. **Speaking:** Deliver planned and impromptu oral presentations. **Mathematics:** Create a sequence graphic on how the protocols will go. | **Learning and Innovative Skills:**  
  - Critical Thinking and Problem Solving  
  - Communication and Collaboration  
**Life and Career Skills:**  
  - Initiative and Self-Direction  
  - Leadership and Responsibility |

### Project Definition & Goals/Objectives

Students will acquire skills needed to research different legal rights and regulations on cyber security issues in different countries. Students will learn about the different types of government entities that deal with cyber security issues and what procedures they recommend for businesses to use. They will work on adapting cyber security policies and procedures for a company from the research they conduct. They will also have to present this new procedure to a panel.

Project Goals/Objectives:

- Identify agencies that are responsible for certain cyber security issues.
- Determine how to keep the rights of employees in place but also protect a company from losing vital information.

### Scenario or Problem: What scenario or problem will you use to engage students in this project?

A multinational manufacturing company is expanding to another country from the United States. This company has had security procedures put in place to restrict employee access. The company, however, has to adopt new procedures based on the new country’s laws. They have to work with the agencies responsible for investigating cyber threats.

### Essential Questions

What legal protections and agencies are in place to help protect against cyber threats?

### Grade Level Adaptations

Lower grade levels:

- Focus on only one part of the project objective at a time, and work all the students through the same process.
- Provide additional research or resources prior to starting the project.
ASSESSMENT: How will you determine what students have learned? (Check all that apply.)

<table>
<thead>
<tr>
<th>FORMATIVE</th>
<th>SUMMATIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quizzes/Tests</td>
<td>Multiple Choice/Short Answer Test</td>
</tr>
<tr>
<td>Notes/Graphic Representations</td>
<td>X Essay Test</td>
</tr>
<tr>
<td>Rough Draft</td>
<td>Written Product with Rubric</td>
</tr>
<tr>
<td>Practice Presentation</td>
<td>X Oral Presentation with Rubric</td>
</tr>
<tr>
<td>Preliminary Plans/Goals/Checklists of Progress</td>
<td>Other Product or Performance with Rubric</td>
</tr>
<tr>
<td>Journal/Learning Log Adapted from Tammy Worcester Tang</td>
<td>Self-Evaluation or Reflection</td>
</tr>
<tr>
<td>Other:</td>
<td>Evaluation by Authentic Audience</td>
</tr>
</tbody>
</table>

MATERIALS, RESOURCES, or CONSTRAINTS: What materials and resources will be needed? Are there any perceived challenges?

Materials:
- Computer Access
- Internet Access
- Project self-reflection form – Buck Institute [http://www.bie.org/object/document/my_thoughts_about_the_project](http://www.bie.org/object/document/my_thoughts_about_the_project)

Internet Resources:

SUPPORT, MODIFICATIONS, AND EXTENSIONS: What is needed to provide support for students who have difficulty learning the content, modify for students with special learning needs, or to provide enrichment for advanced students?

Additional time can be arranged if needed by the resource teacher.

CALENDAR OF MAJOR LEARNING ACTIVITIES—What are the learning activities or tasks for each day? Are there any project milestones? When will formal assessment activities occur?

<table>
<thead>
<tr>
<th>Week 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
</tr>
<tr>
<td>Introduce project and assign groups.</td>
</tr>
<tr>
<td>Students will work on the NSA Day of Cyber.</td>
</tr>
</tbody>
</table>

**STUDENT REFLECTION ACTIVITIES**—How will students reflect on their work? Add reflection questions and/or activities here.

Project self-reflection form – Buck Institute [http://www.bie.org/object/document/my_thoughts_about_the_project](http://www.bie.org/object/document/my_thoughts_about_the_project)

Adapted from: Southern Regional Education Board, Unit Planning Template, 592 10th St. N.W., Atlanta, GA 30318-5776