### Standard 1: Creativity and Innovation

*Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.*

**Students will be able to:**

- **ITF6.1.1** Apply existing knowledge to generate new ideas, products, or processes.
- **ITF6.1.2** Create original works as a means of personal or group expression.

### Standard 2: Communication and Collaboration

*Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.*

**Students will be able to:**

- **ITF6.2.1** Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media.
- **ITF6.2.2** Communicate information and ideas effectively to multiple audiences using a variety of media and formats.
- **ITF6.2.3** Contribute to project teams to produce original works or solve problems.

### Standard 3: Research and Information Fluency

*Students apply digital tools to gather, evaluate, and use information.*

**As a basis for this, students will:**

- **ITF6.3.1** Plan strategies to guide inquiry.
- **ITF6.3.2** Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media.
- **ITF6.3.3** Evaluate and select information sources and digital tools based on the appropriateness to specific tasks.

### Standard 4: Critical Thinking, Problem Solving, and Decision Making

*Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.*

**Students will be able to:**

- **ITF6.4.1** Plan and manage activities to develop a solution or complete a project.
- **ITF6.4.2** Collect and analyze data to identify solutions and/or make informed decisions.
## Standard 5: Digital Citizenship

*Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.*

**Students will be able to:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITF6.5.1</td>
<td>Advocate and practice safe, legal, and responsible use of information and technology.</td>
</tr>
<tr>
<td>ITF6.5.2</td>
<td>Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity.</td>
</tr>
<tr>
<td>ITF6.5.3</td>
<td>Demonstrate personal responsibility for lifelong learning.</td>
</tr>
</tbody>
</table>

## Standard 6: Technology Operations and Concepts

*Students demonstrate a sound understanding of technology concepts, systems, and operations.*

**Students will be able to:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITF6.6.1</td>
<td>Understand and use technology systems.</td>
</tr>
<tr>
<td>ITF6.6.2</td>
<td>Select and use applications effectively and productively.</td>
</tr>
<tr>
<td>ITF6.6.3</td>
<td>Troubleshoot systems and applications.</td>
</tr>
<tr>
<td>ITF6.6.4</td>
<td>Transfer current knowledge to learning of new technologies.</td>
</tr>
</tbody>
</table>