

## Ohio Technology Standards

## Technology-related National Standards

# Ohio's K-12 Technology Academic Content Standards

<b>Ohio National Standards Correlation</b>  <i>This chart displays the shared characteristics between Ohio's Technology Academic Content Standards and the technology-related National Standards.</i>	<b>AASL/AECT</b> American Association of School Librarians & Association of Educational Communications & Technology	<b>ISTE</b> International Society for Technology in Education	<b>ITEA</b> International Technology Education Association
<b>Standard 1 Nature of Technology</b>  <ul style="list-style-type: none"> <li>Students develop an understanding of technology, its scope, core concepts, characteristics and relationships between technologies and other fields.</li> </ul>	<b>Standards</b> <b>4, 5, 6</b>	<b>Standard 1</b>	<b>Standards</b> <b>1, 2, 3</b>
<b>Standard 2 Technology and Society Interaction</b>  <ul style="list-style-type: none"> <li>Students recognize interactions among society, the environment and technology, and understand technology's relationship with history. Consideration of these concepts forms a foundation for engaging in responsible and ethical use of technology.</li> </ul>	<b>Standards</b> <b>7, 8, 9</b>	<b>Standard 2</b>	<b>Standards</b> <b>4, 5, 6, 7</b>
<b>Standard 3 Technology for Productivity Applications</b>  <ul style="list-style-type: none"> <li>Students learn the operations of technology through the usage of technology and productivity tools.</li> </ul>	<b>Standards</b> <b>1, 2, 3</b>	<b>Standard 3</b>	<b>Standards</b> <b>8, 9, 10</b>
<b>Standard 4 Technology and Communication Applications</b>  <ul style="list-style-type: none"> <li>Students use an array of technologies and apply design concepts to communicate with multiple audiences, acquire and disseminate information, and enhance learning.</li> </ul>	<b>Standards</b> <b>1, 2, 3, 4, 5, 6</b>	<b>Standard 4</b>	<b>Standards</b> <b>8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20</b>
<b>Standard 5 Technology and Information Literacy</b>  <ul style="list-style-type: none"> <li>Students engage in information literacy strategies, use the Internet, technology tools and resources, and apply information-management skills to answer questions and expand knowledge.</li> </ul>	<b>Standards</b> <b>1, 2, 3</b>	<b>Standard 5</b>	<b>Standards</b> <b>8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20</b>
<b>Standard 6 Design</b>  <ul style="list-style-type: none"> <li>Students will apply a number of problem solving strategies demonstrating the nature of design, the role of engineering, and the role of assessment.</li> </ul>	<b>Standards</b> <b>4, 5, 6</b>	<b>Standard 6</b>	<b>Standards</b> <b>8, 9, 10, 11, 12, 13</b>
<b>Standard 7 Designed World</b>  <ul style="list-style-type: none"> <li>Students understand how the physical, informational and bio-related technological systems of the designed world are brought about by the design process. Critical to this will be students' understanding of their role in the designed world: its processes, products, standards, services, history, future, impact, issues and career connections.</li> </ul>	<b>Standards</b> <b>7, 8, 9</b>	<b>Standards</b> <b>4, 5, 6</b>	<b>Standards</b> <b>11, 12, 13, 14, 15, 16, 17, 18, 19, 20</b>



Indicates direct alignment between Ohio Standards and technology-related national standards.



Indicates correlation between Ohio Standards and technology-related national standards.



Indicates connection between Ohio Standards and technology-related national standards.