

# Technology: 9-12

## Empowered Learner

- 1** Articulate personal learning goals, select, and manage appropriate technologies to achieve them, and reflect on their successes and areas of improvement in working toward their goals. [T.9-12.1](#)

---

- 2** Develop online networks within school policy, and customize their learning environments in ways that support their learning. [T.9-12.2](#)

---

- 3** Utilize a variety of technologies efficiently and transfer their knowledge and skills to learn how to use new technologies. [T.9-12.3](#)

---

- 4** Select appropriate platforms and tools to create, share, and communicate their work effectively. [T.9-12.4](#)

---

- 5** Explore real-world issues and problems and actively pursue an understanding of them and solutions for them. [T.9-12.5](#)

---

- 6** Locate and collect resources from a variety of sources and organize assets into collections for a wide range of projects and purposes. [T.9-12.6](#)

---

- 7** Practice and demonstrate the ability to evaluate resources for accuracy, perspective, credibility, and relevance. [T.9-12.7](#)

---

- 8** Utilize research strategies effectively to locate appropriate digital resources across all content areas. [T.9-12.8](#)

## Digital Citizens

- 9** Keep their personal data private and secure, including the awareness of terms such as encryption, HTTPS, passwords, cookies, and computer viruses; understand the limitations of data management and how data-collection technologies work. [T.9-12.9](#)

---

- 10** Understand how to manage digital identities and reputations within school policy, including demonstrating an understanding of how digital actions are never fully erasable. [T.9-12.10](#)

---

- 11** Demonstrate and advocate for positive, safe, legal, and ethical habits when using technology and when interacting with others online. [T.9-12.11](#)

---

- 12** Demonstrate and advocate for an understanding of intellectual property with both print and digital media including copyright, permission and fair use by creating a variety of media products that include appropriate citation and attribution elements. [T.9-12.12](#)

Knowledge Constructor	<b>13</b> Publish, present, and defend content designed for specific audiences and select platforms that will effectively convey their ideas to those audiences. <a href="#">T.9-12.13</a>
	<b>14</b> Communicate complex ideas clearly using various digital tools to convey the concepts textually, visually, graphically, etc. <a href="#">T.9-12.14</a>
	<b>15</b> Create original works or responsibly repurpose other digital resources into new creative works. <a href="#">T.9-12.15</a>
Innovative Designer	<b>16</b> Engage in a design process and employ it to generate ideas, create innovative products or solve authentic problems. <a href="#">T.9-12.16</a>
	<b>17</b> Present ideas and information using appropriate tools that are appropriate for specific audiences. <a href="#">T.9-12.17</a>
Computational Thinker	<b>18</b> Find or organize relevant data and use technology to analyze and represent it in various ways to solve problems and make decisions. <a href="#">T.9-12.18</a>
	<b>19</b> Apply evaluation strategies when using electronic resources (such as publication/copyright date, fact vs. fiction, sources, credibility, ease of use). <a href="#">T.9-12.19</a>
Creative Communicator	<b>20</b> Actively seek performance feedback from people, including teachers, and from functionalities embedded in digital tools to improve their learning process, and select technology to demonstrate their learning in a variety of ways. <a href="#">T.9-12.20</a>
	<b>21</b> Use communication tools (such as email, discussion boards, online conferences, learning management systems, portfolios) to gather information, share ideas and respond to questions. <a href="#">T.9-12.21</a>
Global Collaborator	<b>22</b> Use collaborative technologies to connect with others, including peers, experts, and community members, to learn about issues and problems or to gain a broader perspective. <a href="#">T.9-12.22</a>
	<b>23</b> Use digital tools to interact with others to mutually develop a richer understanding of different perspectives and cultures. <a href="#">T.9-12.23</a>
	<b>24</b> Explore local and global issues and select collaborative technologies to use to work with others to investigate and develop solutions. <a href="#">T.9-12.24</a>