Montana Technology Integration

Grades 6-8

The empowered learner content standards sixth-eighth grade are that each student will TI.EL.6-8	**1** define personal learning goals, select and manage appropriate technologies to achieve them and reflect on successes and areas of improvement in working toward those goals TI.EL.6-8.1
	2 navigate a variety of technologies and transfer personal knowledge and skills to learn how to use new technologies TI.EL.6-8.2
The digital citizen content standards for sixth-eighth grade are that each student will TI.DC.6-8	**1** manage digital identities and demonstrate an understanding of how the digital footprint is permanent and can impact reputation TI.DC.6-8.1
	2 demonstrate positive, safe, legal and ethical habits when using technology and interacting with others online TI.DC.6-8.2
	3 demonstrate and model the appropriate use of intellectual property of print and digital media, including copyright, permission and fair use, by creating a variety of media products that include appropriate citation and attribution elements TI.DC.6-8.3
	4 demonstrate how to keep personal data secure and understand how data-collection technologies work TI.DC.6-8.4
The knowledge constructor content standards for sixth-eighth grade are that each student will TI.KC.6-8	**1** use research strategies effectively to locate appropriate digital resources in support of learning TI.KC.6-8.1
	2 evaluate the accuracy, perspective, cultural sensitivity, credibility, and relevance of resources TI.KC.6-8.2
	3 define and consider potential biases resources TI.KC.6-8.3
	4 locate and collect resources from a variety of sources and organize into collections for a range of projects and purposes TI.KC.6-8.4
The innovative designer content standards for sixth-eighth grade are that each student will TI.ID.6-8	**1** select and use digital tools to support design processes, identify constraints and trade-offs and weigh risks TI.ID.6-8.1
	2 engage in design process to develop, test and revise prototypes or create innovative products TI.ID.6-8.2
	3 use the process of trial and error and understand problems or setbacks as potential opportunities for improvement TI.ID.6-8.3

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The computational thinker content standards for sixth-eighth grade are that each student will TI.CT.6-8

1. investigate and practice solving problems by using data analysis, modeling or algorithmic thinking TI.CT.6-8.1
2. organize data and use technology to display, analyze, solve problems and make decisions TI.CT.6-8.2
3. break down problems into component parts, identify key pieces and use that information to problem solve TI.CT.6-8.3
4. demonstrate an understanding of how automation works and use algorithmic thinking to design and automate solutions TI.CT.6-8.4

The creative communicator content standards for sixth-eighth grade are that each student will TI.CC.6-8

1. select appropriate platforms and tools to create, share, and communicate work TI.CC.6-8.1
2. create original works or responsibly remix and repurpose other digital resources into new creative works TI.CC.6-8.2
3. communicate complex ideas clearly using various digital tools to convey the concepts in a variety of accessible formats TI.CC.6-8.3

The global collaborator content standards for sixth-eighth grade are that each student will TI.GC.6-8

1. identify and use collaborative technologies to connect with others TI.GC.6-8.1
2. identify and select a role within a team to meet goals, based on knowledge of technology and content, as well as personal preference TI.GC.6-8.2

The reflective user content standards for sixth-eighth grade are that each student will evaluate personal preferences for use of technology tools for different tasks or purposes TI.RU.6-8

6-8. The reflective user content standards for sixth-eighth grade are that each student will evaluate personal preferences for use of technology tools for different tasks or purposes TI.RU.6-8