

# Grades 9, 10, 11, 12

Adopted 2010

The student will use digital tools and resources for problem solving and decision making.

- 1.1** use multiple approaches and diverse perspectives, including Montana American Indians, to explore alternative solutions

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- 1.2** collect relevant data and information on a subject from a variety of digital resources

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- 1.3** select from an array of digital tools to organize and analyze data from a variety of resources

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- 1.4** evaluate and synthesize data and information

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- 1.5** share data and information ethically and appropriately cite sources

The student will collaborate and communicate globally in a digital environment.

- 2.1** evaluate and apply online collaboration and communication tools to exchange ideas and information and participate in projects

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- 2.2** use digital collaboration and communication tools in a safe, legal, and responsible manner and advocate for such use by others

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- 2.3** synthesize and communicate the results of research and learning with others using various digital tools

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- 2.4** apply technology that supports collaboration, learning and productivity in a global environment

The student will apply digital tools and skills with creativity and innovation to express his/herself, construct knowledge and develop products and processes.

- 3.1** develop projects combining multiple digital tools to suit a variety of audiences and purposes

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- 3.2** evaluate and employ a variety of digital tools to effectively produce an original work

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- 3.3** use models and simulations to identify trends, predict outcomes, and investigate information

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- 3.4** evaluate legal protections for intellectual property and apply that understanding to personally created digital media

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- 3.5** use digital tools and skills to construct new personal understandings

**The student will possess a functional understanding of technology concepts and operations.**

**4.1 apply and refine the skills needed to use communication, information and processing technologies**

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**4.2 use appropriate terminology when communicating about current technology**

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**4.3 transfer current knowledge to learning of new technology skills**