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Grants Pass School District

Technology Curriculum Guide for Technology Literate Students

8th Grade

Educational technology is the application of technology to the teaching and learning process.

In order for students to be prepared for the 21st century, Oregon schools need to provide opportunities for students to use technology skills that are applied in a variety of courses, subjects, experiences, and settings. Technologically literate students access and acquire knowledge, exchange ideas & opinions, solve problems, and create, innovate, and express themselves through the skillful use of a variety of technologies. (ODE)

Creativity and Innovation	<ul style="list-style-type: none"> Describe and illustrate a content-related concept or process using a model, simulation, or concept-mapping software Create original animations or videos documenting school, community, or local events Use Power Point and Google Presentation with graphics, audio, video and text for presentations Integrate a variety of file types to create and illustrate a document or presentation
Communication and Collaboration	<ul style="list-style-type: none"> Participate in a cooperative learning project in an online learning community Demonstrate the ability to read, save, reply, and forward an email Use collaborative electronic authoring tools to explore content from different perspectives with other learners (i.e. Google Docs)
Research and Information Fluency	<ul style="list-style-type: none"> Use Career Information System for career option or paths research Create spreadsheet formulas Create and graph information collected in a spreadsheet Evaluate digital resources to determine the credibility of the author and publisher and the timeliness and accuracy of the content Employ data collection technology such as probes, handheld devices and geographic mapping systems to gather, view, analyze, and report results for content-related problems
Critical Thinking, Problem Solving, and Decision Making	<ul style="list-style-type: none"> Gather data, examine patterns, and apply information for decision making using digital tools and resources Select and use the appropriate tools and digital resources to accomplish a variety of task and to solve problems
Digital Citizenship	<ul style="list-style-type: none"> Demonstrate respect for the work of others Understand the rules and regulations for using technology in D7 Demonstrate appropriate email etiquette Demonstrate safe and cooperative use of technology Document sources obtained electronically using a standard format Discuss the use of technology in the world
Technology Operations and Concepts	<ul style="list-style-type: none"> Independently develop and apply strategies for identifying and solving routine hardware and software problems Demonstrate keyboarding skills (i.e. 20 – 25 wpm) Use the network to locate and retrieve files Demonstrate the ability to plug in headphones, probes, and cameras

Adapted from the National Education Technology Standards for Students, NETS Student Profiles