

**Curriculum**

<b>Content Area:</b>	<b>EDUCATIONAL TECHNOLOGY SKILLS</b>	<b>Grade Level:</b>	<b>4</b>
<b>NETS Content Standard:</b>	<b>1. CREATIVITY &amp; INNOVATION:</b> Students demonstrate creative thinking, construct knowledge and develop innovative products and processes using technology.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
<i>Instruction Levels: I = Introduced; R = Reinforced; E = Evaluated through a Documented Classroom Activity; D = District Common Assessment</i>			
1.a.1	Share content knowledge using a technology tool and/or application of their choice.	RE	
1.b.1	Plan, design, and construct a product to communicate theme, content and/or idea to an audience or individual.	IR	
1.c.1	Manipulate variables in a computer simulation (web-based applet, textbook support software and/or simulation application) to reach a desired outcome.	IR	

\*Codes indicate the highest instructional level of that grade level and may include an earlier level of instruction.

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<b>NETS Content Standard:</b>	<b>2. COMMUNICATION &amp; COLLABORATION:</b> Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
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2.a.1	Use technology to improve their ability to communicate.	RE	
2.b.1	Present their work technologically.	R	
2.c.1	Use web technology to interact with others around the world and gain insight about another culture	IRE	
2.d.1	Identify communication tools and online resources for collaborative projects.	RE	

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<b>NETS Content Standard:</b>	<b>3. RESEARCH AND INFORMATION FLUENCY:</b> Students apply digital tools to gather, evaluate, and use information.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
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3.a.1	Use research strategies to find, use, apply and evaluate information.	R	
3.b.1	Conduct a basic Boolean logic search function.	R	
3.b.3	Organize electronic information using software applications.	IR	
3.c.1	Use basic guidelines to determine the validity of information accessed from various sources (Website, dictionary, online newspaper, CD-ROM).	R	
3.d.1	Independently use existing databases (Athena, MARVEL, electronic dictionaries or encyclopedias) and report results on an assigned topic.	RE	

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<b>NETS Content Standard:</b>	<b>4. CRITICAL THINKING, PROBLEM-SOLVING &amp; DECISION-MAKING:</b> Students use critical thinking skills to plan and conduct research, manage projects, solve problems and make information decisions using appropriate digital tools and resources.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
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4.a.1	Identify and define an authentic problem.	RE	
4.a.2	Create guiding questions to investigate a self-defined problem/issue	RE	
4.b.1	Apply their knowledge of problem-solving to select appropriate technology tools and resources to solve a specific problem or make a decision.	R	
4.c.1	Select and use information and communication technology tools and resources to collect, organize, and evaluate information relevant to a real-world problem.	I	
4.d.1	Use technology resources for problem solving and determining multiple solutions.	IR	

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<b>NETS Content Standard:</b>	<b>5. DIGITAL CITIZENSHIP:</b> Students understand human, cultural, and societal issues related to technology and proactive legal and ethical behavior.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
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5.a.2	Cite material from the Internet understanding that this information (including images and music) are someone else's intellectual property (plagiarism).	RE	
5.b.1	Demonstrate sensitivity, empathy, and tolerance when collaborating with classmates and students around the world.	IRE	

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<b>NETS Content Standard:</b>	<b>6. TECHNOLOGY OPERATIONS &amp; CONCEPTS:</b> Students demonstrate a sound understanding of technology concepts, systems and operations.		
<b>NETS Performance Indicators</b>	<b>WSD Benchmarks</b>  The student will	<b>Instruction Level*</b>	<b>Common Assessment</b>
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6.a.1	Use basic input and output devices (common peripherals) - including adaptive devices as needed.	RE	
6.b.2	Identify and apply common productivity software features such as menus and toolbars to plan, create, and edit word-processing documents, spreadsheets, or presentations.	RE	
6.b.3	Know procedures for importing and manipulating pictures, images, and charts in word-processing documents and spreadsheets, presentations, and other creative works.	RE	
6.c.1	Use the correct terminology to identify a problem or error.	RE	
6.c.2	Identify and communicate possible solutions to troubleshoot common problems or errors.	R	
6.c.3	Utilize help resources, tutorials or peers to problem solve.	R	
6.d.1	Transfer functionality knowledge or familiar applications to the learning of new applications.	RE	

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