

## 7<sup>th</sup> & 8<sup>th</sup> Grade Idaho Student Information Technology Benchmarks

### STANDARD 1:

#### Basic Operations and Concepts

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b>	a. Use developmentally appropriate and accurate technology terminology.	Reinforce terminology and skills previously introduced and taught. Develop keyboarding skills to 30 wpm with 95% accuracy.
	b. Identify the appropriate technology device to complete a task.	Reinforce use of peripherals.
	c. Identify choices among technology systems, resources and services.	Use different Internet resources.
<b>2. Demonstrate proficiency in the use of technology.</b>	a. Demonstrate increasingly sophisticated operation of technology components	Students can convert common file types for use in other programs.
	b. Apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.	Students can identify the functions of various network devices such as printers, web servers and mail.

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**STANDARD 2:  
Social, Ethical, and Human Issues**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b>	a. Demonstrate knowledge of current changes in technologies and the effect those changes have on the workplace and society.	Students differentiate fair use from copyright violation and can give examples of each. Build student awareness of the techniques used to modify opinion and behavior.
	b. Demonstrate knowledge of legal and ethical issues when using technology, information sources, and consequences of misuse.	Students understand the implications of the use of email and other forms of electronic communications while maintaining a mature online presence.
<b>2. Practice responsible use of technology systems, information, and software.</b>	a. Practice responsible use of technological devices and software.	Students understand the implications of the use of email and other forms of electronic communications while maintaining a mature online presence.
	b. Demonstrate respect	Students understand the implications of the use of email and other forms of electronic communications while maintaining a

	for others while using technology.	mature online presence.
	c. Exhibit legal and ethical behaviors when using technology and information.	Students understand the implications of the use of email and other forms of electronic communications while maintaining a mature online presence.

**STANDARD 3:**  
**Technology Productivity Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b>	a. Use formatting capabilities of technology for communicating and illustrating.	Students demonstrate basic awareness of composition guidelines in the preparation of digital images, charts, graphs and video.
	b. Use a variety of technology tools for data collection and analysis.	Students demonstrate basic awareness of composition guidelines in the preparation of digital images, charts, graphs and video
	c. Publish and present information using technology tools.	Students routinely use video, digital images, original audio and animation in content area and class projects.
	d. Use technology tools to support analysis and modeling.	Students routinely use video, digital images, original audio and animation in content area and class projects.

**STANDARD 4:**  
**Technology Communications Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
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<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Use telecommunications efficiently and effectively to access remote information and communicate with others in support of facilitated and independent learning.</p>	<p>Students will access and utilize educational resources from online communities outside the district. Internet Safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>Students understand and participate in online communities such as virtual classrooms, forums, wikis, blogs, etc.</p>
	<p>c. Collaboratively use telecommunications and online resources.</p>	<p>Students will access and utilize educational resources from online communities outside the district and participate in collaborative projects with other educational institutions.</p>

## 7<sup>th</sup> & 8<sup>th</sup> Grade Idaho Student Information Technology Benchmarks

### STANDARD 5:

#### Technology Research Tools

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Locate information from electronic resources.	Reinforce the use of multiple sources to measure the validity of web resources.
	b. Evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information sources	Reinforce the use of multiple sources to measure the validity of web resources.
<b>2. Use technology tools to process data and report results.</b>	a. Select appropriate technology tools for data analysis and reporting.	Students can use GPS equipment to collect information for content area and class projects.

### STANDARD 6:

#### Technology Problem-Solving and Decision Making Tools

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. Determine when technology is useful, select and use the appropriate tools, and technology resources to solve the problem, and report findings.	Reinforce previously taught skills. Build student awareness of the techniques used to modify opinion and behavior.

**Sixth Grade STANDARD 1:  
Basic Operations and Concepts**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b></p>	<p>a. Use developmentally appropriate and accurate technology terminology.</p>	<p>Reinforce previously taught skills and terminology.</p>
	<p>b. Identify the appropriate technology device to complete a task.</p>	<p>Students can differentiate analog and digital devices.</p>
	<p>c. Explore choices among technology systems, resources and services.</p>	<p>Develop keyboarding skills to 20 wpm with 90% accuracy.</p>
<p><b>2. Demonstrate proficiency in the use of technology.</b></p>	<p>a. Demonstrate increasingly sophisticated operation of technology components.</p>	<p>Students demonstrate consistent use of shortcuts and keyboard commands.</p>

	b. Apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.	Students are able to match file extensions with applications.
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**STANDARD 2:  
Social, Ethical, and Human Issues**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b>	a. Demonstrate knowledge of current changes in technologies and the effect those changes have on the workplace and society.	Demonstrate an understanding of intellectual property, copyright law and plagiarism.
	b. Demonstrate knowledge of legal and ethical issues when using technology, information sources, and consequences of misuse.	Identify examples of copyright violations.
<b>2. Practice responsible use of technology systems, information, and software.</b>	a. Practice responsible use of technological devices and software.	Demonstrate proper netiquette. Reinforce previously taught skills for netiquette such as respect other's passwords and files; use appropriate language and courtesy.

	b. Demonstrate respect for others while using technology.	Demonstrate proper netiquette. Reinforce previously taught skills for netiquette such as respect other's passwords and files; use appropriate language and courtesy.
	c. Exhibit legal and ethical behaviors when using technology and information.	Use appropriate language and courtesy.

**6th Grade Idaho Student Information Technology Benchmarks**

**STANDARD 3:**

**Technology Productivity Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use formatting capabilities of technology for communicating and illustrating.</p>	<p>Students use video, digital images and original audio in class projects.</p>
	<p>b. Use a variety of technology tools for data collection and analysis.</p>	<p>Students will demonstrate the ability to post to Forums and Wikis, and import images. Students will participate in surveys and maintain journals.</p>
	<p>c. Publish and present information using technology tools.</p>	<p>Students will produce slide shows, video clips, and story boards.</p>
	<p>d. Use technology tools to support analysis and modeling.</p>	<p>Students will produce posters and other visual aides for presentations.</p>

**STANDARD 4:**

**Technology Communications Tools**

<p style="text-align: center;"><b>Standard</b></p> <p style="text-align: center;">The student will:</p>	<p style="text-align: center;"><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Use telecommunications efficiently and effectively to access remote information and communicate with others in support of facilitated and independent learning.</p>	<p>See Standard 3. Internet Safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>See Standard 3.</p>
	<p>c. Collaboratively use telecommunications and online resources.</p>	<p>See Standard 3.</p>

**STANDARD 5:**  
**Technology Research Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Locate information from electronic resources.	Students routinely use the Internet as a resource for content area projects.
	b. Evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information sources	Students use multiple sources to test the validity of web resources.
<b>2. Use technology tools to process data and report results.</b>	a. Select appropriate technology tools for data analysis and reporting.	Students are able to construct basic spreadsheets to report quantitative data.

**STANDARD 6:**  
**Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<p align="center"><b>Standard</b> The student will:</p>	<p align="center"><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology resources for solving problems and making informed decisions.</b></p>	<p>a. Determine when technology is useful, select and use the appropriate tools, and technology resources to solve the problem, and report findings.</p>	<p>Given a variety of technological tools, students will select the appropriate tools to complete content area projects.</p>

## 5th Grade Idaho Student Information Technology Benchmarks

### STANDARD 1:

#### ***Basic Operations and Concepts***

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b>	a. Use developmentally appropriate and accurate technology terminology.	Students understand and participate in all phases of the communication cycle that includes sender, receiver, message, media and feedback.
	b. Identify the appropriate technology device to complete a task.	Reinforce previously taught skills. Start computer, successfully login to network with personal account. Save work in organized folders and files. Successfully log off computer, leaving it ready for next person. Develop keyboarding skills to 16 wpm with 95 % accuracy.
	c. N/A	N/A
<b>2. Demonstrate proficiency in the use of technology.</b>	a. Demonstrate increasingly sophisticated operation of technology components.	Students will demonstrate keyboard commands and shortcuts. Reinforce previously taught skills as well as:

	b. Acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.	Check and reconnect power supply cords correctly to computers. Minimize and maximize screens. Restart computers, fix mouse, ask for help appropriately and have a working knowledge of the help system in computer applications.
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**STANDARD 2:  
Social, Ethical, and Human Issues**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b>	a. Discuss common uses of technology in daily life and related advantages and disadvantages.	Introduce copyright. Students will understand the concept of copyright. Students will consistently cite another person's work
	b. Discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use.	Practice with and encourage the use of computer peripherals in classroom projects. Practice with and encourage use of AV equipment in classroom projects.  Teacher modeling uses of AV equipment and computer peripherals in the classroom.
<b>2. Practice responsible use of technology systems, information, and software.</b>	a. Practice responsible use of technological devices and software.	Research projects using internet research and web search using keywords and judging the content of search results for validity and bias.

	b. Demonstrate respect for others while using technology.	Students will demonstrate proper netiquette and the consequences of improper netiquette.
	c. Exhibit legal and ethical behaviors when using technology and information.	Students will demonstrate proper netiquette and the consequences of improper netiquette.

**STANDARD 3:**  
**Technology Productivity Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use formatting capabilities of technology for communicating and illustrating.</p>	<p>Students will demonstrate the ability to post to forums and wikis. Import images from various sources.</p>
	<p>b. Use a variety of technology tools for data collection and analysis.</p>	<p>Students will participate in surveys. Maintain journals.</p>
	<p>c. Publish and present information using technology tools.</p>	<p>Students will produce storyboards that will develop into slide shows. Import video clips.</p>
	<p>d. Use technology tools to support analysis and modeling.</p>	<p>Students will produce posters and other visual aides for presentations.</p>

**STANDARD 4:****Technology Communications Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b>	a. Use telecommunications efficiently and effectively to access remote information and communicate with others in support of facilitated and independent learning.	See Standard 3. Internet Safety
	b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.	See Standard 3.
	c. Collaboratively use telecommunications and online resources.	See Standard 3.

**5th Grade Idaho Student Information Technology Benchmarks**

**STANDARD 5:**

**Technology Research Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b></p>	<p>a. Locate information from electronic resources.</p>	<p>Students will understand the use of keywords and Boolean operations refining internet research</p>
	<p>b. Evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information sources</p>	<p>Research projects using internet research, web search using keywords and judging content of search results. Students will demonstrate the ability to cite web sources in published works.</p>
<p><b>2. Use technology tools to process data and report results.</b></p>	<p>a. N/A</p>	<p>N/A</p>

**STANDARD 6:**

**Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	N/A

**Fourth Grade - STANDARD 1:**  
***Basic Operations and Concepts***

<p align="center"><b>Standard</b> The student will:</p>	<p align="center"><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b></p>	<p>a. Use developmentally appropriate and accurate technology terminology.</p>	<p>Reinforce and utilize technology previously introduced as well as digital, search engine, keyboard commands (short cuts i.e. Ctrl S, Ctrl P, Ctrl C, Ctrl V. Ctrl Z).</p>
	<p>b. Explore the appropriate technology device to complete a task.</p>	<p>Respect classroom and lab computers and coordinating equipment.            Follow lab rules.            Reinforce the use of digital camera and introduce scanners.            Demonstrate proper posture, finger placement, and hand positioning.            Develop keyboarding skills to 12 wpm with 95 % accuracy.</p>
	<p>c. N/A</p>	<p>N/A</p>
<p><b>2. Demonstrate proficiency in the use of technology.</b></p>	<p>a. Demonstrate increasingly sophisticated operation of technology components.</p>	<p>Demonstrate the use of scanners, digital cameras, flash drives, memory cards and various peripheral devices.</p>

	b. Acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.	Continue demonstration of trouble shooting techniques and connectivity. Recognize problems and report them to the computer teacher.
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**STANDARD 2:  
Social, Ethical, and Human Issues**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b>	a. Discuss common uses of technology in daily life and related advantages and disadvantages.	Discuss the impact of the technologies identified at the third grade level.
	b. Discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use.	Reinforce the concept of plagiarism and cheating as previously taught. Demonstrate how to give credit for another person's work. Student will be able to identify the consequences of plagiarism.

<p><b>2. Practice responsible use of technology systems, information, and software.</b></p>	<p>a. Practice responsible use of technological devices and software.</p>	<p>Reinforce the district acceptable use policy. Introduce concepts of cyber bullying and the importance of privacy issues concerning technology</p>
	<p>b. Demonstrate respect for others while using technology.</p>	<p>Reinforce and demonstrate appropriate netiquette.</p>
	<p>c. Exhibit legal and ethical behaviors when using technology and information.</p>	<p>Reinforce and demonstrate appropriate netiquette.</p>

## 4<sup>th</sup> Grade Idaho Student Information Technology Benchmarks

### STANDARD 3:

#### Technology Productivity Tools

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use formatting capabilities of technology for communicating and illustrating.</p>	<p>Students will use appropriate tools to produce visual representations of quantitative data.</p>
	<p>b. Use a variety of technology tools for data collection and analysis.</p>	<p>Recognize and utilize online research sources as book marked by the computer/content teacher.</p>
	<p>c. Publish and present information using technology tools.</p>	<p>Introduce storyboards. Students will produce storyboards for content projects.</p>
	<p>d. Use technology tools to support analysis and modeling.</p>	<p>N/A</p>

**STANDARD 4:**  
**Technology Communications Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Use telecommunications efficiently and effectively to access remote information and communicate with others in support of facilitated and independent learning.</p>	<p>Introduce and reinforce:            Search strategies            URL's            Bookmark/favorites            Internet safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>Students will actively participate in teacher-led forums utilizing district course management software systems.</p>
	<p>c. Collaboratively use telecommunications and online resources.</p>	<p>Recognize and utilize online resources such as Lili.</p>

**STANDARD 5:**  
**Technology Research Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Locate information from electronic resources.	Demonstrate the ability to access information from prescribed external sources such as PS, Wikipedia, National Geographic, etc.
	b. Evaluate the accuracy, relevance, appropriateness, comprehensiveness and bias of electronic information sources	Students will be able to identify validity and bias from a prescribed list of electronic sources reinforcing skills taught in 3 <sup>rd</sup> grade.
<b>2. Use technology tools to process data and report results.</b>	a. N/A	N/A

**STANDARD 6:**  
**Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	N/A

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### 3rd Grade Idaho Student Information Technology Benchmarks

#### STANDARD 1:

#### ***Basic Operations and Concepts***

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b>	a. Use developmentally appropriate and accurate technology terminology.	Utilize terminology previously introduced. Reinforce the function of keyboard keys, correct hand position and correct posture. Extend proper keyboarding techniques beyond the home row. The student will be able to type 15 words per minute with 80% accuracy.
	b. Explore the appropriate technology device to complete a task.	Reinforce the function of keyboard keys, correct hand position and correct posture. Extend proper keyboarding techniques beyond the home row. The student will be able to type 15 words per minute with 80% accuracy.
	c. N/A	N/A
<b>2. Demonstrate proficiency in the use of technology.</b>	a. Demonstrate functional operation of technology components.	Handle computer lab equipment properly utilizing safe practices such as cleaning, etc. Demonstrate proper handling of lab equipment such as CD's, DVD's, headphones, monitors, etc.
	b. Acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.	Demonstrate the ability to confirm device connectivity. Continue to save frequently and retrieve documents.

**STANDARD 2:  
Social, Ethical, and Human Issues**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b></p>	<p>a. Discuss common uses of technology in daily life and related advantages and disadvantages.</p>	<p>Students will compile a list and identify commonly used technology such as cell phones, PCs PDA, GPS, television, transportation, manufacturing and health care.</p>
	<p>b. Discuss basic issues related to responsible use of technology and information and describe personal consequences of inappropriate use.</p>	<p>Introduce and explain the “Acceptable Use Policy.” Given examples of the use of technology, students will be able to discern whether the use is acceptable or not according to the district policy.</p>
<p><b>2. Practice responsible use of technology systems, information, and software.</b></p>	<p>a. Practice responsible use of technological devices and software.</p>	<p>Student use of technology will follow the acceptable guidelines of the “Acceptable Use Policy for the district.</p>
	<p>b. Demonstrate respect for others while using technology.</p>	<p>Reinforce responsible computer lab behavior previously taught.</p>
	<p>c. Discuss legal and ethical behaviors when</p>	<p>Reinforce previously taught concepts of plagiarism and cheating.</p>

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**STANDARD 3:**  
**Technology Productivity Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use prescribed technology writing or drawing tools for communicating and illustrating.</p>	<p>Reinforce skills of word processing and keyboarding taught in 2<sup>nd</sup> grade. Students will demonstrate the ability to use a wide range of learning software such as AR, Plato, STAR and ISAT.</p>
	<p>b. Use prescribed technology tools for data collection and analysis.</p>	<p>Demonstrate the use of portable media such as flash drives and memory cards, etc.</p>
	<p>c. Explore prescribed technology for publishing and presenting information.</p>	<p>Content related assignments are published to a content course management system such as Moodle.</p>
	<p>d. N/A</p>	<p>N/A</p>

**STANDARD 4:**  
**Technology Communications Tools**

<p align="center"><b>Standard</b> The student will:</p>	<p align="center"><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Use telecommunications efficiently and effectively to access remote information and communicate with others in support of facilitated and independent learning.</p>	<p>Students will access from a prescribed list of sources information from the course management system from the internet. Students will determine the validity of internet sources. Internet Safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>Students will demonstrate word processing skills which include: delete/undo, font, select, size, spell check, and style. Students will demonstrate the ability to insert graphics.</p>
	<p>c. N/A</p>	<p>N/A</p>

### 3<sup>rd</sup> Grade Idaho Student Information Technology Benchmarks

#### STANDARD 5:

#### Technology Research Tools

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Explore electronic information sources.	Students will access from a prescribed list of sources information from the course management system from the internet.
	b. Evaluate the accuracy and relevance of electronic information sources.	Students will determine the validity of internet sources and other sources given by the computer or content teacher.
<b>2. Use technology tools to process data and report results.</b>	a. N/A	N/A

#### STANDARD 6:

#### Technology Problem-Solving and Decision Making Tools

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	N/A

**2nd Grade Idaho Student Information Technology Benchmarks STANDARD 1:**

***Basic Operations and Concepts***

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b></p>	<p>a. Use developmentally appropriate and accurate technology terminology.</p>	<p>Utilize terminology previously introduced. Reinforce the function of keyboard keys, correct hand position and correct posture. Extend proper keyboarding techniques beyond the home row. The student will be able to type 10 words per minute with 80% accuracy.</p>
	<p>b. N/A</p>	<p>N/A</p>
	<p>c. N/A</p>	<p>N/A</p>
<p><b>2. Demonstrate proficiency in the use of technology.</b></p>	<p>a. Demonstrate functional operation of technology components</p>	<p>Handle computer lab equipment properly utilizing safe practices such as cleaning, etc. Demonstrate proper handling of lab equipment such as CD's, DVD's, headphones, monitors, etc.</p>
	<p>b. Explore and acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.</p>	<p>Demonstrate the ability to confirm device connectivity. Continue to save frequently and retrieve documents.</p>

**STANDARD 2:  
Social, Ethical, and Human Issues**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b></p>	<p>a. N/A</p>	<p>N/A</p>
	<p>b. Demonstrate an awareness and respect for the ethical use of technology.</p>	<p>Demonstrate consistent respect for the ownership of other students' electronic works and maintain the security of their own works.</p>
<p><b>2. Practice responsible use of technology systems, information, and software.</b></p>	<p>a. Practice responsible use of technological devices and software.</p>	<p>Reinforce computer lab behavioral expectations. Students routinely access appropriate developmental and remedial programs, such as AR, etc.</p>
	<p>b. Demonstrate respect for others while using technology.</p>	<p>Introduce the concept of plagiarism and cheating. Students will define and give examples of plagiarism and cheating in electronic formats.</p>
	<p>c. N/A</p>	

**2nd Grade Idaho Student Information Technology Benchmarks**

**STANDARD 3:**

**Technology Productivity Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use prescribed technology writing or drawing tools for communicating and illustrating.</p>	<p>Reinforce word processing, keyboarding, and drawing tools taught in 1<sup>st</sup> grade.</p>
	<p>b. Use prescribed technology tools for data collection and analysis.</p>	<p>N/A</p>
	<p>c. Explore prescribed technology for publishing and presenting information.</p>	<p>Demonstrate the ability to integrate text with student-illustrated graphics, drawn illustrations and digital photographs.</p>
	<p>d. N/A</p>	<p>N/A</p>

**STANDARD 4:**  
**Technology Communications Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Gather information and communicate with others using telecommunications, with support from teachers, family members or student partners.</p>	<p>The student can successfully login to network resources using individual credentials and demonstrate the knowledge to save and retrieve their own documents.            Internet Safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>Reinforce skills taught in 1<sup>st</sup> grade.</p>
	<p>c. N/A</p>	<p>N/A</p>

**2<sup>nd</sup> Grade Idaho Student Information Technology Benchmarks STANDARD 5:  
Technology Research Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Explore electronic information sources.	Students will be able to access shared resources on the local network.
	b. N/A	N/A
<b>2. Use technology tools to process data and report results.</b>	a. N/A	N/A

**STANDARD 6:  
Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	Students will access information from content areas from a shared location and differential accurate vs. Inaccurate information.

**1st Grade Idaho Student Information Technology Benchmarks**

**STANDARD 1:**

***Basic Operations and Concepts***

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b></p>	<p>a. Use developmentally appropriate and accurate technology terminology.</p>	<p>Utilize terminology previously introduced in kindergarten. Identify and define the function of keyboard keys. Correctly position hands on the home row keys while maintaining correct posture. The student will be able to type 10 words per minute with 70 % accuracy.</p>
	<p>b. N/A</p>	<p>N/A</p>
	<p>c. N/A</p>	<p>N/A</p>
<p><b>2. Demonstrate proficiency in the use of technology.</b></p>	<p>a. Demonstrate functional operation of technology components.</p>	<p>Demonstrate the ability to save and retrieve documents from a variety of locations.</p>
	<p>b. Explore and acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.</p>	<p>Save frequently and retrieve documents from folders in preparation for printing and publication.</p>

**STANDARD 2:**  
**Social, Ethical, and Human Issues**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b>	a. N/A	N/A
	b. Demonstrate an awareness and respect for the ethical use of technology.	Demonstrate respect for the ownership of other student’s electronic works and maintain the security of their own works using technology.
<b>2. Practice responsible use of technology systems, information, and software.</b>	a. Practice responsible use of technological devices and software.	Review computer lab behavioral expectations.
	b. Demonstrate respect for others while using technology.	Demonstrate respect for the ownership of other student’s electronic works and maintain the security of their own works using technology.
	c. N/A	N/A

**1st Grade Idaho Student Information Technology Benchmarks STANDARD 3:  
Technology Productivity Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b></p>	<p>a. Use prescribed technology writing or drawing tools for communicating and illustrating.</p>	<p>Utilize terminology previously introduced in kindergarten. Identify and define the function of keyboard keys. Correctly position hands on home row keys while maintaining correct posture. The student will be able to type 10 words per minute with 70 % accuracy.</p>
	<p>b. Use prescribed technology tools for data collection and analysis.</p>	<p>N/A</p>
	<p>c. Explore prescribed technology for publishing and presenting information.</p>	<p>Create drawings and illustrations in an electronic format.</p>
	<p>d. N/A</p>	<p>N/A</p>

**STANDARD 4:**  
**Technology Communications Tools**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b></p>	<p>a. Gather information and communicate with others using telecommunications, with support from teachers, family members or student partners.</p>	<p>Demonstrate the ability to browse and retrieve information from the local network. Internet Safety</p>
	<p>b. Use technology tools for individual and collaborative writing, communication and publishing activities to create curricular related products for audiences inside and outside the classroom.</p>	<p>Students will use electronic tools in the writing process and share the finished product with an audience. Reinforce typing a simple sentence with an initial capital and ending punctuation. Use one space between words. Select text and change font/style/size.</p>
	<p>c. N/A</p>	<p>N/A</p>

**1st Grade Idaho Student Information Technology Benchmarks**

**STANDARD 5:**

**Technology Research Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. Explore electronic information sources.	Explore different electronic information sources that have been book marked by the teacher for information.
	b. N/A	N/A
<b>2. Use technology tools to process data and report results.</b>	c. N/A	N/A

**STANDARD 6:**

**Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	N/A

Kindergarten Idaho Student Information Technology Benchmarks **STANDARD 1:**

**Basic Operations and Concepts**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate a sound understanding of the basic nature and operation of technology systems.</b></p>	<p>a. Use developmentally appropriate and accurate technology terminology.</p>	<p>Identify and define: mouse, computer, monitor, printer, and keyboard with 80% proficiency.</p>
	<p>b. N/A</p>	<p>N/A</p>
	<p>c. N/A</p>	<p>N/A</p>
<p><b>2. Demonstrate proficiency in the use of technology.</b></p>	<p>a. Use input and output devices successfully to operate computers, VCRs, audio tapes and other technologies.</p>	<p>Demonstrate the ability to use all the functions of the mouse.</p>
	<p>b. Explore and acquire and apply strategies for identifying and solving routine software and hardware problems that occur in everyday use.</p>	<p>Accurately determine if the computer peripherals are on.</p>

**STANDARD 2:**  
**Social, Ethical, and Human Issues**

<p><b>Standard</b> The student will:</p>	<p><b>Content Knowledge and Skills:</b></p>	
<p><b>1. Demonstrate an understanding of the ethical, cultural, and societal issues related to technology.</b></p>	<p>a. N/A</p>	<p>N/A</p>
	<p>b. Demonstrate an awareness and respect for the ethical use of technology.</p>	<p>Exhibit respectful and responsible behavior when using computer systems.</p>
<p><b>2. Practice responsible use of technology systems, information, and software.</b></p>	<p>a. Practice responsible use of technological devices and software.</p>	<p>Demonstrate consistently safe and healthy practices while using technologies.</p>
	<p>b. Demonstrate respect for others while using technology.</p>	<p>Demonstrate knowledge of computer lab behavioral expectations.</p>
	<p>c. N/A</p>	<p>N/A</p>

**Kindergarten Idaho Student Information Technology Benchmarks**

**STANDARD 3:**

**Technology Productivity Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology tools to enhance learning, increase productivity, and promote creativity.</b>	a. N/A	N/A
	b. N/A	N/A
	c. N/A	N/A
	d. N/A	N/A

**STANDARD 4:**  
**Technology Communications Tools**

<b>Standard</b> The student will:	<b>Content Knowledge                      and Skills:</b>	
<b>1. Use telecommunications to collaborate, publish, and interact with peers, experts, and other audiences.</b>	a. N/A	N/A
	b. N/A	N/A
	c. N/A	N/A

Kindergarten Idaho Student Information Technology Benchmarks **STANDARD 5:**

**Technology Research Tools**

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology to locate, evaluate, and collect information from a variety of sources.</b>	a. N/A	N/A
	b. N/A	N/A
<b>2. Use technology tools to process data and report results.</b>	c. N/A	N/A

**STANDARD 6:**

**Technology Problem-Solving and Decision Making Tools**

*Problem solving is inherent in all disciplines. Technology Standard 6 is designed to provide a cumulative (capstone) experience.*

<b>Standard</b> The student will:	<b>Content Knowledge and Skills:</b>	
<b>1. Use technology resources for solving problems and making informed decisions.</b>	a. N/A	N/A

