Grade 4 Technology *(Master)*

	Essential Questions	Content	Skills

Fall	**NET Standard I** How do the basic operations help me use technology more efficiently?
	
	NET Standard III How can I use technology as a tool to show what I've learned?
	
	How can I use technology to improve learning?
	
	NET Standard V Given an assignment, how do I choose what technology would be useful and appropriate?
		A. Basic Operations
		
		B. Drawing and Painting
			A. **Demonstrate** login & log out of the computer
			A. **Access** Group Share
			A. **Open** a template from the Group Share folder
			A. **Review** naming & saving documents
			A. **Navigate** saving to a specific location
			A. **Review** opening a saved document from a specific location
			A. **Review** choosing a printer and printing documents
			A. **Use** column, list, & icon view in windows.
			
			B. **Choose** the appropriate Draw Tools
			    -Rectangle tool
			    -Line tool
			    -Color fill
			    -Line fill
			    -Text tool
			
			B. **Arrange & manipulate** text in conjunction with the drawing
			    -**Use** rulers to align elements on the page
			    -**Rotate** Images
			    -**Move** Images forward and backward for layering
			    -**Scale** by Percent

	NET Standard I How do the basic operations help me use technology more efficiently? **NET Standard III** How can I use technology as a tool to show what I've learned? **NET Standard V** Given an assignment, how do I choose what technology would be useful and appropriate? **NET Standard VI** In what ways can technology skills help me in everyday life?	A. Multitasking B. Word Processing	A. **Open & switch** between multiple applications A. **Use** the Dock to switch between two applications A. **Minimize** a window A. **Resize** the windows so that you may view multiple windows at the same time A. **Arrange** multiple windows on the desktop A. **Use** the Dock or the Finder to determine what application you are using B. **Reinforce** basic skills B. **Change** font, size, color and style B. **Use** Spell Check B. **Insert** graphics B. **Cut, Copy, and Paste** B. **Use** Single & Double spacing B. **Create** Columns B. **Create** Sections B. **Demonstrate** additional skills B. **Change** Margins

	Essential Questions	Content	Skills

			-Alignment
			  -Left
			  -Center
			  -Right
			  -Justify
			B. **Add** bulleted & numbered lists

	NET Standard I
	 In what ways does technology make life easier?
	
	NET Standard II
	 How can I be responsible in using technology?
	
	Describe personal consequences when technology is used inappropriately?
	
	What are my responsibilities as a technology user?
	
	NET Standard III
	 How can I use technology to improve learning?
	
	NET Standard V
	 How can technology help me find information and use it in projects?
	
	NET Standard VI
	 In what ways can technology skills help me in everyday life?
		A. Internet	**Internet Research**
			A. **Identify** quality sites
			A. **Use** web sites to find additional information about specific topic
			A. **Complete** a web search
			    -Internet Safety
			A. **Search** for Images
			    -NOT thumbnails
			    -find the largest image possible
			A. **Navigate** the web
			    -Address Bar
			    -Scroll Bar
			    -Back & forward buttons
			    -Links
			    -Home
			A. **Cite** web resources used

Winter	**NET Standard I**
	 How does my understanding of basic operations and concepts influence my use of technology?
	
	NET Standard III
	 How can I use technology as a tool to show what I've learned?
	
	How can I use technology to improve learning?
		A. Presentation	A. **Produce** slide show
			A. **Insert** slides
			A. **Type** information from assigned topic
			A. **Insert** pictures
			A. **Choose** backgrounds
			A. **Choose** slide transitions
			A. **Choose** animations & sounds
			A. **Apply** elements of an effective presentation
			  -Planning
			  -Text
			  -Graphics

Essential Questions	Content	Skills

NET Standard IV
 How can I use technology to communicate with others?
 	
How do I work with others to communicate using technology?
 	
NET Standard V
 How can technology help me find information and apply it to projects?
 	
Given an assignment, how do I choose what technology would be useful and appropriate?
 	
NET Standard VI
 In what ways can technology skills help me in everyday life?
		-Color
		-Placement
		-Clarity
		-Simplicity
		-Spelling
		
		Presentation skills
		 A. **Use** a strong projection voice
		   -Body Language
		   -Eye Contact
		 A. **Demonstrate** being a good audience member

NET Standard II
 How can I be responsible in using technology?
 	
NET Standard III
 How can I use technology as a tool to show what I've learned?
 	
NET Standard IV
 How can I use technology to communicate with others?
 	
How do I collaborate with others to communicate using technology?
 	
NET Standard V
 Given an assignment, how do I choose what technology would be useful and appropriate?
 	
NET Standard VI
 In what ways can technology skills help me in everyday life?
	A. Peripherals	A. **Apply** digital camera use
		   -Proper handling of the camera
		   -Turning camera on and off
		   -Taking pictures
		   -Show zoom features
		   -View picture
		   -Delete unwanted pictures
		
		A. **Demonstrate** deleting an image
		 A. **Demonstrate** importing images to a computer
		 A. **Create** Albums
		   -organize images
		 A. **Insert** graphic/digital photo into a document

NET Standard I In what ways does technology make life	A. Spreadsheets	A. **Recognize** parts of spreadsheet -Columns

Essential Questions	Content	Skills

easier?
 	
NET Standard III
 How can I use technology as a tool to show what I've learned?
 	
NET Standard IV
 How can I use technology to communicate with others?
 	
NET Standard VI
 In what ways can technology skills help me in everyday life?
 	
How can technology help me solve problems?
		-Rows
		-Cells
		-Cell Address
		A. **Move** to different cells in a spreadsheet
		  -Arrow keys
		  -Tab keys
		  -Return keys
		  -Click with mouse
		A. **Enter** data into cells
		A. **Create** charts and graphs
		A. **Demonstrate** basic formulas
		  -addition, subtraction, multiplication, & division
		  -Sum formula
		A. **Demonstrate** setting a print area

Spring	**NET Standard I**
	 How does my understanding of basic operations and concepts influence my use of technology?
	
	NET Standard III
	 How can I use technology as a tool to show what I've learned?
	
	How can I use technology to improve learning?
	
	NET Standard IV
	 How can I use technology to communicate with others?
	
	How do I work with others to communicate using technology?
	
	NET Standard V
	 How can technology help me find information and apply it to projects?
	
	Given an assignment, how do I choose what technology would be useful and appropriate?
	
	NET Standard VI
	 In what ways can technology skills help me in everyday life?
		A. Presentation	A. **Produce** slide show
			A. **Insert** slides
			A. **Type** information from assigned topic
			A. **Insert** pictures
			A. **Choose** backgrounds
			A. **Choose** slide transitions
			A. **Choose** animations & sounds
			
			A. **Apply** elements of an effective presentation
			  -Planning
			  -Text
			  -Graphics
			  -Color
			  -Placement
			  -Clarity
			  -Simplicity
			  -Spelling
			
			Presentation skills
			A. **Use** a strong projection voice
			  -Body Language
			  -Eye Contact
			A. **Demonstrate** being a good audience member

Essential Questions	Content	Skills

NET Standard IV
 How can I use technology to communicate with others?
 	
NET Standard V
 How can technology help me find information and apply it to projects?
	A. Database	A. **Recognize** parts of a database
		    -Field
		    -Record
		    -Different layouts
		A. **Recognize** the purpose of a database
		    -To store information
		    -To sort information in a variety of ways
		    -To match specific criteria
		A. **Add** Records
		A. **Sort** Database
		A. **Match** Criteria
		A. **Define** Fields

NET Standard I In what ways does technology make life easier? **NET Standard III** How can I use technology as a tool to show what I've learned? **NET Standard VI** In what ways can technology skills help me in everyday life?	A. Webbing/Outlining	A. **Create** a story web A. **Show** main topic A. **Add** branches to show subtopics A. **Add** graphics A. **Manipulate** graphics