

Big Idea: Computer Basics

1st Quarter

Computers	Grades: K-2		Time Frame: 9 weeks September 1st - November 6th		
<i>Benchmarks</i>	<i>Content/ Skills</i>	<i>Key Terms</i>	<i>Assessment</i>	<i>College and career Readiness Standards</i>	<i>CCCS</i>
<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies • Use and apply appropriate computer terminology • Operate keys necessary for use of their computer for instruction • Use proper hand and body position for computer use. <p><u>First Grade:</u></p> <ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies. • Use and apply appropriate computer terminology. • Use home row keys with proper hand position. • Use proper hand and body position for computer use. <p><u>Second Grade:</u></p>	<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Demonstrate proper care of equipment. • Demonstrate respect for the rights of others while using the computer. • Identify uses of technology at home and at school. • Demonstrate acceptable behavior at the computer and in the lab. • Recognize letters/numbers on the keyboard • Recognize home row keys. • Identify CPU, keyboard, monitor, mouse, printer, and drives • Navigate through instructional software • Identify and use cursor, backspace, Enter, Escape, Space bar, Y, N, and Arrow keys <p><u>First Grade:</u></p> <ul style="list-style-type: none"> • Demonstrate proper care of equipment. • Demonstrate respect for the rights of others while using the computer. • Identify uses of technology at home and at school. 	<p><u>Kindergarten:</u></p> <p>Mouse Mouse pad Monitor Keyboard Computer Printer Desktop Cursor Click Double-click Network folder Username Password Log on/Log off USB Drive Save/Save As Print Click-and-Drag Network Portfolio Internet</p> <p><u>First Grade:</u></p> <p>Icon Email My Computer Delete On-line Webpage Menu CPU Folder</p>	<p>Quizzes Classwork Projects Classroom Observations</p>		<p>8.1.P.A.1 8.1.P.A.2 8.1.P.A.3 8.1.P.A.4 8.1.P.A.5 8.1.P.A.6 8.1.2.A.1 8.1.2.A.2 8.1.2.A.3 8.1.2.A.4 8.1.2.A.5</p>

<ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies. • Use and apply appropriate computer terminology. • Use home row keys with proper hand position. • Use proper hand and body position for computer use. 	<ul style="list-style-type: none"> • Demonstrate acceptable behavior at the computer and in the lab. • Use Caps Locks, Shift, punctuation keys. • Use instructional software to practice and reinforce academic skills. • Identify toolbar, scroll bar, menu bar, font. • Open, save/save as, and print a document. • Use mouse to select text and objects. <p><u>Second Grade:</u></p> <ul style="list-style-type: none"> • Demonstrate proper care of equipment • Demonstrate respect for the rights of others while using the computer. • Identify uses of technology at home and at school. • Learn and use proper keystrokes for all letters of the alphabet. • Use proper keystroke for shift keys to capitalize letters. • Use instructional software to practice and reinforce academic skills. • Continues to demonstrate proper body posture and hand position. • Understand vocabulary: text box, object, insert, slide, handles, navigate. • Demonstrate acceptable behavior at the computer and in the lab. 	<p>Disk/Disk drive Program Taskbar File Shortcut Server</p> <p><u>Second Grade:</u> Hard drive (c:) USB Drive Hardware Software Paste Cable Window Browser Font Text Toolbar Word processing Document Edit Cut Copy</p>			
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**Big Idea: Computer Basics
Quarter**

2nd

Computers	Grades: K-2		Time Frame: 9 weeks November 9th- January 22nd		
<i>Benchmarks</i>	<i>Content/ Skills</i>	<i>Key Terms</i>	<i>Assessment</i>	<i>College and career Readiness Standards</i>	<i>CCCS</i>
<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies • Use and apply appropriate computer terminology • Operate keys necessary for use of their computer for instruction • Use proper hand and body position for computer use. <p><u>First & Second Grade:</u></p> <ul style="list-style-type: none"> • Use home row keys with proper hand position. • Use proper hand and body position for computer use. • Use the keyboard to type letters and numbers • Locates and operates the following keyboard keys: Spacebar, Enter, Backspace, Delete, Shift • Successfully save a file 	<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Number lines App - Counting, ordering, sequencing, skip counting, addition and subtraction using number lines. • Kidgitz App - Addictive falling numbers math game. Fast and fun way for elementary kids to improve their addition skills and speed. • Telling Time App - This free time telling app has 2 levels, one teaches hours, the other teaches 1/2 hours. There is a paid version that adds more levels. • Ican Write 2 App - Sentence Structure Practice. Designed to help children become an independent writer. • BookWorm App - Link letter tiles to build words puzzle game. Build bigger words, get better bonuses. <p><u>First & Second Grade:</u></p>	<p><u>Kindergarten:</u></p> <p>Mouse Mouse pad Monitor Keyboard Computer Printer Desktop Cursor Click Double-click Network folder Username Password Log on/Log off USB Drive Save/Save As Print Click-and-Drag Network Portfolio Internet</p> <p><u>First Grade:</u></p> <p>Icon Email My Computer Delete On-line Webpage Menu CPU Folder</p>	<p>Quizzes Classwork Projects Classroom Observations</p>		<p>8.1.P.A.1 8.1.P.A.2 8.1.P.A.3 8.1.P.A.4 8.1.P.A.5 8.1.P.A.6 8.1.2.A.1 8.1.2.A.2 8.1.2.A.3 8.1.2.A.4 8.1.2.A.5</p>

	<ul style="list-style-type: none"> ● Microsoft Word - (3 sessions) Guided Writing ● Typing - (3 sessions) ● Microsoft Word - (3 sessions) Story Sequencing 	<p>Disk/Disk drive Program Taskbar File Shortcut Server</p> <p><u>Second Grade:</u> Hard drive (c:) USB Drive Hardware Software Paste Cable Window Browser Font Text Toolbar Word processing Document Edit Cut Copy</p>			
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Big Idea: Word Processing/Internet

3rd Quarter

Computers	Grades: K-2		Time Frame: 9 weeks January 25th- March 24th		
<i>Benchmarks</i>	<i>Content/ Skills</i>	<i>Key Terms</i>	<i>Assessment</i>	<i>College and career Readiness Standards</i>	<i>CCCS</i>
<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies • Use and apply appropriate computer terminology • Operate keys necessary for use of their computer for instruction • Use proper hand and body position for iPad use. <p><u>First & Second Grade:</u></p> <ul style="list-style-type: none"> • enter simple/complex text on a document • identify and use appropriate keys to edit text • use a mouse to navigate menus, toolbars, scrollbars • maximize and minimize windows • format text by choosing font color, styles, size and alignment • create and format original documents 	<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Number lines App - Counting, ordering, sequencing, skip counting, addition and subtraction using number lines. • Kidgitz App - Addictive falling numbers math game. Fast and fun way for elementary kids to improve their addition skills and speed. • Telling Time App - This free time telling app has 2 levels, one teaches hours, the other teaches 1/2 hours. There is a paid version that adds more levels. • Ican Write 2 App - Sentence Structure Practice. Designed to help children become an independent writer. • BookWorm App - Link letter tiles to build words puzzle game. Build bigger words, get better bonuses. <p><u>First & Second Grade:</u></p>	<p>Icon Email My Computer Delete On-line Webpage Menu Folder Disk/Disk drive Program Taskbar File USB Drive Hardware Software Paste Cable Window Browser Font Text Toolbar Word processing Document Edit Cut Copy Web Browser</p>	<p>Quizzes Classwork Projects Classroom Observations</p>		<p>8.1.P.A.1 8.1.P.A.2 8.1.P.A.3 8.1.P.A.4 8.1.P.A.5 8.1.P.A.6 8.1.2.A.1 8.1.2.A.2 8.1.2.A.3 8.1.2.A.4 8.1.2.A.5</p>

<ul style="list-style-type: none"> ● use application tools to edit work ● navigate a Web site to gather information ● use educational search engines to acquire information ● 	<ul style="list-style-type: none"> ● Microsoft Word - (6 - 12 sessions) Sentence Stretchers and Friendly Letters ● Typing - (4 - 6 sessions) ● Happy Valentine's Day letter- (1 session) ● Research - Fossils Webquest (1 session) ● Research - Insects / Animals - (6 - 8 sessions) 				
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Big Idea: Presentations/Images

Computers	Grades: K-2		Time Frame: 10 weeks April 11th- June 17		
<i>Benchmarks</i>	<i>Content/ Skills</i>	<i>Key Terms</i>	<i>Assessment</i>	<i>College and career Readiness Standards</i>	<i>CCCS</i>
<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Demonstrate proper etiquette in the use of computers and other technologies • Use and apply appropriate computer terminology • Operate keys necessary for use of their computer for instruction • Use proper hand and body position for iPad use. <p><u>First & Second Grade:</u></p> <ul style="list-style-type: none"> • write basic letters with an increased font size, one shape or piece of clipart, and a page border. • move the stick figures and objects a little bit at a time and press "next frame" after each movement. • write letters using font sizes, font styles, font colors, shapes, clipart, speech bubbles, and page borders • use frog life cycle images, text boxes and arrows to create a frog life cycle slide in PowerPoint 	<p><u>Kindergarten:</u></p> <ul style="list-style-type: none"> • Word Shaker App - Word searching game with a twist. • Sentence Builder Helps elementary aged children learn how to build grammatically correct sentences. • Toy Story Read Along Book App - Interactive read along practice. Packed with Games, Movie Clips, Coloring Pages, Sing-along Tunes, and Surprises. • Ican Write 2 App - Sentence Structure Practice. Designed to help children become independent writers. • Word Games for Kids App - Interactive multiple player word game. Outrageously fun word quizzes game for children 4 - 8. <p><u>First & Second Grade:</u></p> <ul style="list-style-type: none"> • Microsoft Word (2 - 4 sessions) - Diagramming / Labeling 	<p>Icon Email My Computer Delete On-line Webpage Menu Folder Disk/Disk drive Program Taskbar File USB Drive Hardware Software Paste Cable Window Browser Font Text Toolbar Word processing Document Edit Cut Copy Web Browser</p>	<p>Quizzes Classwork Projects Classroom Observations</p>		<p>8.1.P.A.1 8.1.P.A.2 8.1.P.A.3 8.1.P.A.4 8.1.P.A.5 8.1.P.A.6 8.1.2.A.1 8.1.2.A.2 8.1.2.A.3 8.1.2.A.4 8.1.2.A.5</p>

<ul style="list-style-type: none"> • 	<p>Students diagram clipart images such as a monkey, bee, ant, and skeleton bones.</p> <ul style="list-style-type: none"> • Pivot Animations (2 - 4 sessions) • Session 1 - Introduce program interface. Demonstrate basic animation movements using the basic stick figure. How to add a copy of a figure and color it. • Session 2 - Review interface. Demonstrate buttons for changing stick size, flipping, Slowing down action for more realism. • Session 3 - How to add extra figures; girl, skateboards, ramps, vehicles, etc. How to save files. • Happy Mother's Day Letters (1 session) • Microsoft Word (1-2) sessions • Session 1- Write thank you letters to their teachers. Utilize font size, font style formatting to fit entire page, add clip art, page borders. Print and save. Give to teacher. • Session 2 - Happy Father's Day Letter. Utilize font size, font style formatting to fit entire page, add clip art, page borders. Print and save. • Frog Lifecycle - Create a single slide showing the life cycle of a frog. Eggs > tadpole > tadpole with legs > froglet > adult frog. Print out for coloring. Save work and 				
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	<p>continue on session 2 as necessary. Students can use these frog lifecycle pictures.</p> <ul style="list-style-type: none">● Butterfly Lifecycle - Students create a single PowerPoint slide showing the lifecycle of a butterfly.				
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