Kindergarten Technology Class

Unit:	**Logging into a computer/ Using the numeric keypad**
Big Ideas:	**Demonstrating how to login to the school computer. Finding and using the numeric keypad, backspace and enter.**
Unit Essential Questions:	**What do these keys used for on the keyboard (enter, backspace, num lock). How do we login to the school computer network?**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
1-2 days	15.4.2.D: Demonstrate the correct use of simple input technologies 15.4.2.B: Demonstrate responsible use of technology and equipment	*Enter *Backspace *Num lock	*How can these major keyboard keys be used to help login? *How can we login to the computer?	*Logging into the computer * Using the major keys on the keyboard *Find the numeric keypad and practice	* Login keyboard paper with numeric keypad (color number and then take home to practice)	*Teacher observation

Unit:	**Introduction to the Mouse**
Big Ideas:	**Basic functions of the mouse**
Unit Essential Questions:	**What are the basic functions of the mouse?**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
6-7 classes	15.4.2.B: Demonstrate responsible use of technology and equipment 15.4.2.D: Demonstrate the correct use of simple input technologies(mouse) 15.4.2.L: With help and support, use web browser to locate content-specific websites.	*Mouse *Pointing *Clicking *Dragging *Double-click *Left button *Right button	*How do you hold the mouse? *How do you move a mouse) *What are the basic functions of the mouse? *How do you perform certain tasks with the mouse? *What is the difference between the left and right mouse buttons?	*Introduction to holding the mouse (bunny ears) *GCF mouse tutorial (link on my website –learn about the mouse) *Moving the mouse -Mouse packets to work on mouse movement (if needed) *Mouse activities on my website-Kindergarten page (mouse page)	*Mouse packets ***GCF tutorial**-show up on projector and then students practice *My website- ---**Definitely do**: -Pop the bubbles -Birthday candle counting -Letter and number tracing -ABC drag and drop -Double click shapes -Mouse choice activities (Click and Make) -Google slide mouse activities if needed	*Teacher observation

Kindergarten Technology Class

Unit:	**Computer Parts**
Big Ideas:	**Learning the different parts of the computer (keyboard, mouse, headphones, monitor)**
Unit Essential Questions:	**What are the different parts of a computer and what do they do?**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
1 class	15.4.2.A: Identify various technologies used in the classroom and at home 15.4.2.B: Demonstrate responsible use of technology and equipment 15.4.2.D: Demonstrate the correct use of simple input technologies 15.4.2.L: With help and support, use web browser to locate content-specific websites.	*Computer parts (monitor, mouse, keyboard, headphones) *Computer, laptop, tablet	*What are the names of specific computer parts? *What do certain computer parts do? *How do we use this technology in school and at home?	*Technology scavenger hunt *Brainpop (Parts of a computer) *ABCYA find the technology game (do review first to learn parts) *Computer parts tracing *Computer parts coloring sheet *Technology counting PowerPoint and worksheet	*Scavenger hunt worksheet *Computer parts tracing worksheet *Computer parts coloring sheet *Technology counting PowerPoint and worksheet *My website (kindergarten page-computer parts page) -Brainpop Jr. -Abcya Computer parts	*Teacher observation

Unit:	**Keyboarding**
Big Ideas:	**Using proper posture. Locating letters with left and right hands.**
Unit Essential Questions:	**How can knowing where the letters are on the keyboard help me? Why is using two hands on the keyboard better than one?**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
10+ days	15.4.2.B: Demonstrate responsible use of technology and equipment CC.1.1.K.B: Recognize and name all uppercase and lowercase letters of the alphabet. (on the keyboard)	*Keyboard *Typing	*Why is using two hands better than one when using the computer?	*Discuss and demonstrate two hands to type. *Demonstrate how knowing where the keys are located will help go faster. ***Activities**: -Typetastic levels 1-6 (some mouse/ keyboard) -Typing Jungle Program	*Typetastic typing website *Typing Jungle accounts *Sight words *Type the alphabet PowerPoint file *Other typing activities on my website	*Teacher observation

Kindergarten Technology Class

Unit:	**Going Places (online) Safely**
Big Ideas:	**Staying safe online, both at home and school.**
Unit Essential Questions:	**How do I go places safely on the computer?**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
1-2 days	15.4.2.B: Demonstrate responsible use of technology and equipment 15.3.2.T: With prompting and support, answer questions related to digital citizenship	*Internet *Websites	*How can I go places safely on the computer? *How can I travel to far-away places using my computer? *How is staying safe online the same as staying safe in the real world?	*Discuss class field trips or ones taken with families *Ways to stay safe in the real world *Ways to stay safe online *My online neighborhood video	(Links on my website—Kindergarten safety page) *Cyber 5 video and list *My online neighborhood video -Links to virtual trips *My favorite place worksheet	*Teacher observation

Unit:	**Major keyboard keys**
Big Ideas:	**Demonstrating how the major keys on the keyboard help us do things.**
Unit Essential Questions:	**What do these keys used for on the keyboard (enter, backspace, spacebar, num lock, caps lock).**

Concept & Pacing	New Emphasis (Pa Core Standard)	Key Vocabulary	Essential Questions	Mini-Lessons/Activities	Instructional Materials	Assessments
2 days	15.4.2.D: Demonstrate the correct use of simple input technologies 15.4.2.B: Demonstrate responsible use of technology and equipment	*Enter *Backspace *Spacebar *Num lock *Caps lock	*How can these major keyboard keys be used? *How can keys such as enter, backspace, and num lock help us login to the computer	* Using the major keys on the keyboard	*Spelling words to practice major keys with	*Teacher observation