

GRADE LEVEL: KINDERGARTEN

SUBJECT: LIBRARY AND COMPUTER SCIENCE

DATE: 2019-2020

MONTH/GRADING PERIOD: QUARTER 1

MASTER COPY 5-21-19

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
DATA AND INFORMATION (DI)					
<ul style="list-style-type: none"> Sorting 	<p>K-2.DI.2 Understand how to arrange (sort) information into useful order, such as sorting students by birth date, without using a computer.</p>	<ul style="list-style-type: none"> Identify categories used to sort objects or information. Sort a variety of information without using a computer (unplugged). 	<ul style="list-style-type: none"> Class discussion Teacher observation Unplugged Sorting activity 	<ul style="list-style-type: none"> Sort Unplugged 	CRITICAL
<ul style="list-style-type: none"> Software 	<p>K-2.DI.3 Recognize that software is created to control computer operations.</p>	<ul style="list-style-type: none"> Use software program such as Keyboarding Without Tears. Define the term software. Give examples of software such as Keyboarding Without Tears. 	<ul style="list-style-type: none"> Class discussion Teacher observation 	<ul style="list-style-type: none"> Keyboarding Without Tears Software 	IMPORTANT

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
COMPUTING DEVICES AND SYSTEMS (CD)					
<ul style="list-style-type: none"> • Device Components • Keyboarding 	<p>K-2.CD.1 Use standard input and output devices to operate computers and other technologies.</p>	<ul style="list-style-type: none"> • Identify the parts of a computer. • Log in to the computer using username and password with assistance. • Demonstrate how to use a mouse. • Practice using drag, drop, left and right mouse click. • Identify the difference between desktop computer and laptop computer. • Use Keyboarding Without Tears. • Log into Keyboarding Without Tears with assistance. 	<ul style="list-style-type: none"> • Class discussion • Teacher observation • Complete Computer Parts coloring worksheet • Group Parts of a Computer identification activity • Mouse skills activity • Keyboard worksheet • Complete 1 lesson in Keyboarding Without Tears – Drag and Drop • Observation of logging in to Keyboarding Without Tears 	<ul style="list-style-type: none"> • Click • CPU • Desktop computer • Drag • Drop • Headphones • Home row • Keyboard • Laptop • Left mouse button • Lesson • Log in • Log in screen • Log off • Monitor • Mouse • Right mouse button • Password • Username 	CRITICAL

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
PROGRAMS AND ALGORITHMS (PA)					
<ul style="list-style-type: none"> Websites Multi-media Resources Research Learning 	K-2.PA.1 Use technology and developmentally appropriate multimedia resources to conduct age-appropriate research and support learning across the curriculum.	<ul style="list-style-type: none"> Demonstrate how to get to school website and select resources that will be used across the curriculum to support learning. 	<ul style="list-style-type: none"> Class discussion Teacher observation 	<ul style="list-style-type: none"> Home Page Resources School website Website 	IMPORTANT
IMPACT AND CULTURE (IC)					
<ul style="list-style-type: none"> Responsible Use of Technology Digital Citizenship 	K-2.IC.1 Practice responsible digital citizenship (legal and ethical behaviors) in the use of technology.	<ul style="list-style-type: none"> Consider what it means to use technology responsibly. Demonstrate what it means to be a good digital citizen. Discuss the importance of being good digital citizens. 	<ul style="list-style-type: none"> Class discussion Teacher observation 	<ul style="list-style-type: none"> Digital citizenship Internet Responsibility Technology 	CRITICAL
READING: VOCABULARY					
<ul style="list-style-type: none"> Sorting 	K.RV.2.2 Identify and sort pictures of objects into categories (e.g., colors, shapes, opposites).	<ul style="list-style-type: none"> Sort objects into categories. Identify categories used to sort objects. 	<ul style="list-style-type: none"> Class discussion Teacher observation Sorting activity 	<ul style="list-style-type: none"> Sorting 	CRITICAL

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MONTH/GRADING PERIOD: QUARTER 2

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CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
DATA AND INFORMATION (DI)					
<ul style="list-style-type: none"> Algorithmic Problem Solving Drag and Drop 	K-2.DI.1 Use technology resources to solve age-appropriate problems and communicate thoughts, ideas, or stories in a step-by-step manner.	<ul style="list-style-type: none"> Create a basic algorithm using a single command. 	<ul style="list-style-type: none"> Jigsaw Learn to Drag and Drop 	<ul style="list-style-type: none"> Drag Drop Puzzle Target Workspace 	ADDITIONAL
<ul style="list-style-type: none"> Sorting 	K-2.DI.2 Understand how to arrange (sort) information into useful order, such as sorting students by birth date, without using a computer.	<ul style="list-style-type: none"> Identify categories used to sort objects or information. Sort a variety of information without using a computer (unplugged). 	<ul style="list-style-type: none"> Class discussion Teacher observation Unplugged Sorting Activity using an algorithm 	<ul style="list-style-type: none"> Algorithm Unplugged 	CRITICAL
COMPUTING DEVICES AND SYSTEMS (CD)					
<ul style="list-style-type: none"> Keyboarding Motor Skills 	K-2.CD.1 Use standard input and output devices to operate computers and other technologies.	<ul style="list-style-type: none"> Log into the computer using username and password with assistance. Use Keyboarding Without Tears. Use correct keyboard positioning. Log into Keyboarding Without Tears with assistance. 	<ul style="list-style-type: none"> Class discussion Teacher observation Complete 3 lessons in Keyboarding Without Tears <ul style="list-style-type: none"> Finger Fitness Discovering Keys Letter Combo 	<ul style="list-style-type: none"> Keyboard positioning Letter Recognition Matching Motor Skills Target Vowels Combination Image 	CRITICAL

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
PROGRAMS AND ALGORITHMS (PA)					
<ul style="list-style-type: none"> • Algorithm • Sequencing • Concept Mapping • 	<p>K-2.PA.3 Arrange information using concept mapping tools and a set of statements that accomplish a simple task.</p>	<ul style="list-style-type: none"> • Use a blockly-based tool to accomplish a task. • Given a task, sequence the information in the correct order. 	<ul style="list-style-type: none"> • Teacher observation • Class discussion • Sequencing with Angry Birds • Three Little Pigs Coding activity 	<ul style="list-style-type: none"> • Arrange • Blockly • Blocks • Code • Concept mapping • Debug • Direction • East • Hour of Code • Instructions • Left Click • Maze • North • Programming • Run • Sequence • South • Toolbox • West • Workspace 	IMPORTANT

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCABULARY	PRIORITY
IMPACT AND CULTURE (IC)					
<ul style="list-style-type: none"> Responsible Use of Technology Digital Citizenship 	K-2.IC.1 Practice responsible digital citizenship (legal and ethical behaviors) in the use of technology.	<ul style="list-style-type: none"> Demonstrate digital citizenship while visiting a website online. 	<ul style="list-style-type: none"> Class discussion Teacher observation Website activity 	<ul style="list-style-type: none"> Digital citizenship Internet Responsibility Technology 	CRITICAL
<ul style="list-style-type: none"> Internet Safety 	K-2.IC.2 Identify positive and negative social and ethical behaviors for using technology	<ul style="list-style-type: none"> Identify rules for traveling safely on the internet. 	<ul style="list-style-type: none"> Class discussion Teacher observation Internet safety activity 	<ul style="list-style-type: none"> Internet Online Safety 	IMPORTANT
READING: LITERATURE					
<ul style="list-style-type: none"> Author Illustrator 	K.RL.3.2 With support define the role of the author and illustrator of a story in telling the story.	<ul style="list-style-type: none"> Identify the role of the author. Identify the role of the illustrator. Identify the author and illustrator of a given book. 	<ul style="list-style-type: none"> Class discussion Teacher observation Illustrator activity Author vs. illustrator activity Author Study activity 	<ul style="list-style-type: none"> Author Illustrations Illustrator 	ADDITIONAL
READING: VOCABULARY					
<ul style="list-style-type: none"> Sorting Categories 	K.RV.2.2 Identify and sort pictures of objects into categories (e.g., colors, shapes, opposites).	<ul style="list-style-type: none"> Sort objects into categories. Identify categories used to sort objects. 	<ul style="list-style-type: none"> Class discussion Teacher observation Sorting activity 	<ul style="list-style-type: none"> Sorting Categories 	CRITICAL

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CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
DATA AND INFORMATION (DI)					
<ul style="list-style-type: none"> Technology Resources <ul style="list-style-type: none"> Microsoft Word Google Docs 	K-2.DI.1 Use technology resources to solve age-appropriate problems and communicate thoughts, ideas, or stories in a step-by-step manner.	<ul style="list-style-type: none"> Communicate ideas using word processing software to type a note. Use enter, shift, and space bar keys in a word processing program. Adjust font size in a word processing document. 	<ul style="list-style-type: none"> Class discussion Teacher observation Valentine Word activity 	<ul style="list-style-type: none"> Enter Font size Letter Note Microsoft Word Google Docs Shift Space bar 	CRITICAL
<ul style="list-style-type: none"> Sorting 	K-2.DI.2 Understand how to arrange (sort) information into useful order, such as sorting students by birth date, without using a computer.	<ul style="list-style-type: none"> Identify categories used to sort objects or information. Sort a variety of information without using a computer (unplugged). 	<ul style="list-style-type: none"> Class discussion Teacher observation Valentine Sorting Unplugged activity 	<ul style="list-style-type: none"> Mail Sort 	CRITICAL
<ul style="list-style-type: none"> Web Browser 	K-2.DI.3 Recognize that software is created to control computer operations.	<ul style="list-style-type: none"> Demonstrate how to open and click on a link in a Web Browser. 	<ul style="list-style-type: none"> Class discussion Teacher observation 	<ul style="list-style-type: none"> Google Chrome Web browser 	IMPORTANT

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
COMPUTING DEVICES AND SYSTEMS (CD)					
<ul style="list-style-type: none"> Keyboarding 	<p>K-2.CD.1 Use standard input and output devices to operate computers and other technologies.</p>	<ul style="list-style-type: none"> Use Keyboarding Without Tears. Log into Keyboarding Without Tears with assistance. 	<ul style="list-style-type: none"> Class discussion Teacher observation Complete two lessons in Keyboarding without Tears <ul style="list-style-type: none"> Key words and Syllable Parts Spacing out 	<ul style="list-style-type: none"> Definition Dolch words Phrases Sentences Space bar Syllable Vocabulary 	CRITICAL
PROGRAMS AND ALGORITHMS (PA)					
<ul style="list-style-type: none"> School Website 	<p>K-2.PA.1 Use technology and developmentally appropriate multimedia resources to conduct age-appropriate research and support learning across the curriculum</p>	<ul style="list-style-type: none"> Demonstrate how to get to school website and select resources that will be used across the curriculum to support learning. 	<ul style="list-style-type: none"> Class discussion Teacher observation Valentine Website Activity 	<ul style="list-style-type: none"> Home page Resources School website Website 	IMPORTANT

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
IMPACT AND CULTURE (IC)					
<ul style="list-style-type: none"> Cyber bullying 	K-2.IC.1 Practice responsible digital citizenship (legal and ethical behaviors) in the use of technology.	<ul style="list-style-type: none"> Discuss how using manners online is being a good digital citizen. Give examples and non-examples of using good manners online. 	<ul style="list-style-type: none"> Class discussion Teacher observation Cyberbullying activity 	<ul style="list-style-type: none"> Cyberbullying Digital citizenship Respectful 	CRITICAL
<ul style="list-style-type: none"> Netiquette 	K-2.IC.2 Identify positive and negative social and ethical behaviors for using technology.	<ul style="list-style-type: none"> Identify good and bad netiquette behaviors online. 	<ul style="list-style-type: none"> Class discussion Teacher observation Netiquette activity 	<ul style="list-style-type: none"> Internet Manners Netiquette 	IMPORTANT
READING: NONFICTION					
<ul style="list-style-type: none"> Nonfiction Text Features 	K.RN.3.1 Identify text features of a nonfiction text (e.g., title, author, illustrations) and describe the relationship between those features and the text in which they appear.	<ul style="list-style-type: none"> Identify text features in a nonfiction text. Identify the title and author of a nonfiction text. Identify illustrations in a nonfiction text. Explain what is learned from illustrations in a nonfiction text. 	<ul style="list-style-type: none"> Class discussion Teacher observation Text Features activity 	<ul style="list-style-type: none"> Bold Heading Nonfiction Text Text features 	ADDITIONAL
READING: VOCABULARY					
<ul style="list-style-type: none"> Sorting 	K.RV.2.2 Identify and sort pictures of objects into categories (e.g., colors, shapes, opposites).	<ul style="list-style-type: none"> Sort objects into categories. Identify categories used to sort objects. 	<ul style="list-style-type: none"> Class discussion Teacher observation Sorting activity 	<ul style="list-style-type: none"> Sorting 	CRITICAL

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CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
DATA AND INFORMATION (DI)					
<ul style="list-style-type: none"> Technology Resources <ul style="list-style-type: none"> – Microsoft Word – Google Docs 	K-2.DI.1 Use technology resources to solve age-appropriate problems and communicate thoughts, ideas, or stories in a step-by-step manner.	<ul style="list-style-type: none"> Communicate ideas in Microsoft Word or Google Docs. Create a mini research document. 	<ul style="list-style-type: none"> Class discussion Teacher observation Mini Research activity 	<ul style="list-style-type: none"> Research 	CRITICAL
<ul style="list-style-type: none"> Sorting 	K-2.DI.2 Understand how to arrange (sort) information into useful order, such as sorting students by birth date, without using a computer.	<ul style="list-style-type: none"> Identify categories used to sort objects or information. Sort a variety of information without using a computer (unplugged). 	<ul style="list-style-type: none"> Class discussion Teacher observation Unplugged Sorting activity using an algorithm 	<ul style="list-style-type: none"> Algorithm Unplugged 	CRITICAL

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
COMPUTING DEVICES AND SYSTEMS (CD)					
<ul style="list-style-type: none"> Keyboarding 	<p>K-2.CD.1 Use standard input and output devices to operate computers and other technologies.</p>	<ul style="list-style-type: none"> Use Keyboarding Without Tears. Log into Keyboarding Without Tears with assistance. 	<ul style="list-style-type: none"> Class discussion Teacher observation Complete three lessons in Keyboarding Without Tears <ul style="list-style-type: none"> Words Up Discovering Number Keys Spot Check Letters 	<ul style="list-style-type: none"> Accuracy Fluency Image Keys per minute (KPM) Letter combination Math equation Number key Number row Rhyme Space bar Speed Symbol keys Spot check Target Words per minute (WPM) 	CRITICAL
PROGRAMS AND ALGORITHMS (PA)					
<ul style="list-style-type: none"> Research 	<p>K-2.PA.1 Use technology and developmentally appropriate multimedia resources to conduct age-appropriate research and support learning across the curriculum.</p>	<ul style="list-style-type: none"> Communicate ideas in Microsoft Word or Google Docs. Create a mini research document. 	<ul style="list-style-type: none"> Class discussion Teacher observation Mini research activity 	<ul style="list-style-type: none"> Clip art Website 	IMPORTANT

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
PROGRAMS AND ALGORITHMS (PA)					
<ul style="list-style-type: none"> Multimedia Product 	K-2.PA.2 Create developmentally appropriate multimedia products with support from teachers, family members, or student partners.	<ul style="list-style-type: none"> Create multimedia product with a student partner. 	<ul style="list-style-type: none"> Class discussion Teacher observation Create An Animal group activity 	<ul style="list-style-type: none"> Habitat Insert Multimedia 	ADDITIONAL
NETWORKING AND COMMUNICATION (NC)					
<ul style="list-style-type: none"> Collaboration 	K-2.NC.1 Use technology to work cooperatively and collaboratively with peers, teachers, and others.	<ul style="list-style-type: none"> Work cooperatively in a group to use a website to create a product. 	<ul style="list-style-type: none"> Class discussion Teacher observation Create an Animal group activity 	<ul style="list-style-type: none"> Collaborate Collaboratively Cooperatively 	ADDITIONAL
<ul style="list-style-type: none"> Communicate Electronically 	K-2.NC.2 Gather information and communicate electronically with others with support from teachers, family members, or student partners.	<ul style="list-style-type: none"> Standard addressed in Grade 2. 			
IMPACT AND CULTURE (IC)					
<ul style="list-style-type: none"> Intellectual property 	K-2.IC.1 Practice responsible digital citizenship (legal and ethical behaviors) in the use of technology.	<ul style="list-style-type: none"> Demonstrate digital citizenship when completing online research. Discuss examples of good digital citizenship. 	<ul style="list-style-type: none"> Class discussion Teacher observation 	<ul style="list-style-type: none"> Digital citizenship Intellectual property Source 	CRITICAL

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
READING: VOCABULARY					
<ul style="list-style-type: none"> • Sorting 	K.RV.2.2 Identify and sort pictures of objects into categories (e.g., colors, shapes, opposites).	<ul style="list-style-type: none"> • Sort objects into categories. • Identify categories used to sort objects. 	<ul style="list-style-type: none"> • Class discussion • Teacher observation • Sorting activity 	<ul style="list-style-type: none"> • Sorting 	CRITICAL
WRITING: THE WRITING PROCESS					
<ul style="list-style-type: none"> • Publishing • Technology 	K.W.4 Apply the writing process to – <ul style="list-style-type: none"> • With support, revise writing by adding simple details; review (edit) writing for format and conventions (e.g., correct spelling of simple words, capitalization of the first word of the sentence). • Use available technology to produce and publish writing. 	<ul style="list-style-type: none"> • Use technology to publish writing on a research topic. 	<ul style="list-style-type: none"> • Class discussion • Teacher observation • Mini Research activity 	<ul style="list-style-type: none"> • Publish • Research 	ADDITIONAL

CONTENT	STANDARD INDICATORS	SKILLS	ASSESSMENT	VOCAB	PRIORITY
WRITING: THE RESEARCH PROCESS FINDING, ASSESSING, SYNTHESIZING, AND REPORTING INFORMATION					
<ul style="list-style-type: none"> Sources 	<p>K.W.5 With support, build understanding of a topic using various sources.</p> <ul style="list-style-type: none"> Identify relevant pictures, charts, grade-appropriate texts, personal experiences, or people as sources of information on a topic. 	<ul style="list-style-type: none"> Use sources to conduct research on a topic. Use information from pictures and charts in a research activity. 	<ul style="list-style-type: none"> Class discussion Teacher observation Mini research activity 	<ul style="list-style-type: none"> Research Personal experiences Sources 	ADDITIONAL
MEDIA LITERACY					
<ul style="list-style-type: none"> Media Types 	<p>K.ML.1 Recognize various types of media.</p>	<ul style="list-style-type: none"> Identify and sort various types of media. 	<ul style="list-style-type: none"> Class discussion Teacher observation Media type sort activity 	<ul style="list-style-type: none"> Digital Electronic Print 	ADDITIONAL
<ul style="list-style-type: none"> Logos Signs 	<p>K.ML.2.1 Recognize common signs and logos and identify commercials or advertisements.</p>	<ul style="list-style-type: none"> Match logos to designated sites. Recognize and match signs. Identify if media is a commercial or advertisement. 	<ul style="list-style-type: none"> Class discussion Teacher observation Logo Match activity Recognizing Signs activity 	<ul style="list-style-type: none"> Logo Signs 	ADDITIONAL