



BOE Approved 4/15

Cliffside Park Public Schools

	September	October	November	December	January	February	March	April	May	June
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	September	October	November	December	January	February	March	April	May	June
KINDERGARTEN TOPICS AND NJCCCS	<p>My 1st Computer: Introduction to the basic computer. Introduce students' to hardware (power button, mouse, and keyboard).</p>	<p>ABC Letter – sound relationships Using the mouse and keyboard</p>	<p>Counting and Addition Recognizing numbers and their value Numbers to 20</p>	<p>Counting and Addition/ Subtraction Recognizing numbers and their value</p> <p>Learn to Read Sounds/Word s Short Sentences (audio-visual programs to meet the needs of all students')</p>	<p>Counting and Addition Recognizing numbers and their value</p> <p>Learn to Read Sounds/Word s Short Sentences (audio-visual programs to meet the needs of all students')</p>	<p>It's Fun to Read! Poetry Riddles Tongue Twisters Music Art</p> <p>Keyboarding Students' will learn how to type using their index finger.</p>	<p>It's Fun to Read! Poetry Riddles Tongue Twisters Music Art</p> <p>Keyboarding Students' will learn how to type using their index finger.</p>	<p>Paint, graphics and shapes Using the mouse, keyboard, and tool bar students' will be able to create shapes and simple objects to manipulate and color.</p>	<p>Paint, graphics and shapes Using the mouse, keyboard, and tool bar students' will be able to create shapes and simple objects to manipulate and color.</p>	<p>Recap of year Letter-Sound Relationship Counting & Addition Learn to Read Keyboarding Painting, etc...</p>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

ACTIVITIES	ABC Sound and sight activities -Clicking -Dragging -Alphabet Order -Uppercase and Lowercase matching -Puzzles	ABC Sound and sight activities -Clicking -Dragging -Alphabet Order -Uppercase and Lowercase matching -Puzzles	Foundations: ELA making words - reading short sentences Computer Basics (Spiraling): Clicking Dragging	Foundations : Math -Counting objects -Putting numbers in order Computer Basics (Spiraling): Clicking Dragging	Foundations : Math -Counting objects -Putting numbers in order Computer Basics (Spiraling): Clicking Dragging	Foundations : ELA making words - reading short sentences Phonemic awareness Computer Basics (Spiraling): Clicking Dragging	Author Studies: Mem Fox, Eric Carle, etc... various authors, composers and artists - see and hear their works -learn about them -typing with index fingers	Computer Basics (Spiraling) : Clicking Dragging -learn about them -typing with index fingers Typing name -create picture -create graphic image-car/truck	Computer Basics (Spiraling): Clicking Dragging -learn about them -typing with index fingers Typing name -create picture -create graphic image-car/truck	Foundations for ELA & Math: Computer Basics (Spiraling): Paint, graphics and shapes
RESOURCES	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	NJCCCS 8.1P.A.1 8.1P.A.2 8.1P.A.3 8.1P.A.4 8.1P.A.5 8.1P.A.6 8.1P.A.7 8.1P.C.1 8.1P.E.1 8.1P.F.1



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	September	October	November	December	January	February	March	April	May	June
GRADE 1 TOPICS AND NJCCCS	<p><u>ABC Letter – sound relationship</u> -Using the mouse and keyboard -Phonemic awareness, letter-sound relationship</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>Learn to Read</u> Sounds Words Short Sentences Research</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>It’s Fun to Read</u> All About Me! Art Gallery Magic Music Poetry Tongue Twisters Bird Riddles</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>Counting and number patterns</u> <u>Addition and Subtraction</u> -numbers to 100</p> <p><u>Keyboarding</u> -</p> <p><u>Introduction to Dancemat typing</u></p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>Counting and number patterns</u> <u>Addition and Subtraction</u> -numbers to 100</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging, Font awareness</p>	<p><u>I’m Reading Research</u> -using search engines students’ will gain awareness to how to research a selected topic. (ex. Non-fiction Physical/Life Science)</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>I’m Reading Research</u> -using search engines students’ will gain awareness to how to research a selected topic. (ex. Non-fiction Physical/Life Science)</p> <p><u>Paint, graphics And shapes</u> Using the mouse, keyboard, and tool bar</p>	<p><u>Paint, graphics and shapes</u> Using the mouse, keyboard, and tool bar Time, Measurement, & Data: animated/inter-active program that assists students’ in awareness of this topic Computer Basics (Spiraling) : Clicking Dragging Font awareness</p>	<p><u>Paint, graphics and shapes</u> Using the mouse, keyboard, and tool bar students’ will be able to create shapes and simple objects to manipulate and color</p> <p><u>Computer Basics (Spiraling):</u> Clicking Dragging Font awareness</p>	<p><u>MS Word</u> Introduction to Microsoft Word. - keyboarding -saving images -retrieving documents</p> <p><u>Recap of year</u> Students’ will review basic computer skills necessary for a smooth transition to Second Grade.</p>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	ACTIVITIES	Foundations: ELA	Foundations: ELA	Foundations : Math	Foundations : Math	Cross- Curricular:	Cross Curricular	Cross- Curricular	Cross- Curricular	Cross- Curricula r
	ABC Sound and sight activities -Alphabet Order -Uppercase and Lowercase matching -Puzzles	Foundations: ELA -making words -Phonemic awareness -Word families - reading short sentences	Foundations: ELA Various authors, composers and artists (Mem Fox) -Being read to and independent reading -sight word	Foundations : Math -numbers to 100 Introduction to keyboarding, home row keys, space bar, enter, and backspace keys	Foundations : Math -Putting numbers in order -counting -navigating a calendar	Cross-Curricular: -Engaging read along texts Life Science – butterflies, frogs, baby animals, ducks, chicks Writer’s Workshop	Cross Curricular -Engaging read along texts Life Science – butterflies, frogs, baby animals, ducks, chicks Writer’s Workshop	Cross- Curricular moving hands to o’clock time Typing name Copying and original work	Cross- Curricular Writer’s Workshop text Layout and awareness for publishing Create picture -Create graphic image-car/truck	Cross- Curricula r Writer’s Workshop text Layout and awareness for published piece -Create graphic image-car/truck
RESOURCES	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster er Yooligans Yahookids google	Starfall ABCYA Smartboard FactMonster Yooligans Yahookids google	NJCCCS 8.1P.A.1 8.1P.A.2 8.1P.A.3 8.1P.A.4 8.1P.A.5 8.1P.A.6 8.1P.A.7 8.1P.C.1 8.1P.E.1 8.1P.F.1



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

GRADE 2 TOPICS AND NJCCCS	<p>ABCs – Learn to Read with Phonics Using the mouse and Keyboard Sounds – Words Short Sentences</p> <p>MS Word Introduction to Microsoft Word. -keyboarding images -retrieving documents</p>	<p>It's Fun to Read I'm Reading Various authors, composers and artists</p> <p>MS Word Introduction to Microsoft Word. -keyboarding images -retrieving documents</p>	<p>Adding and Subtracting Place value and addition and subtraction with numbers to 100.</p> <p>It's Fun to Read I'm Reading Various authors, composers and artists</p>	<p>Counting and number patterns Addition and Subtraction - Place value and addition and subtraction with numbers to 100</p> <p>MS Word Microsoft Word. -keyboarding Space bar, enter -saving images -retrieving documents</p>	<p>Keyboarding Review of dancemat typing For accuracy and speed</p> <p>MS Word Microsoft Word. -keyboarding images -retrieving documents</p>	<p>I'm Reading Research -using search engines students' will gain awareness to how to research a selected topic. (ex. Non-fiction Physical/Life Science) Cross Curricular: Writer's Workshop Non-fiction Author Gail Gibbons</p>	<p>I'm Reading Research -using search engines students' will gain awareness to how to research a selected topic. (ex. Non-fiction Physical/Life Science) Cross Curricular: Writer's Workshop Non-fiction Author Gail Gibbons</p>	<p>Paint, graphics and shapes Using the mouse, keyboard, and tool bar Time, Graphs & Data: animated/inter-active program that assists students' in awareness of this topic Computer Basics (Spiraling) : Clicking Dragging Font awareness</p>	<p>Paint, graphics and shapes Using the mouse, keyboard, and tool bar students' will be able to create shapes and simple objects to manipulate and color</p> <p>Computer Basics (Spiraling): Clicking Dragging Font awareness</p>	<p>Development of a Word Document Independently develop a Word document and save and retrieve</p> <p>Recap of year Students' will review basic computer skills necessary for a smooth transition to Third Grade.</p>
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	September	October	November	December	January	February	March	April	May	June
ACTIVITIES	Foundations : ELA ABC sound and sight activities ABC order Making words and reading sentences	Foundations: ELA Various authors, composers and artists -Being read to and independent reading -sight word	Foundations: ELA & Math -Engaging text -Various authors, composers and artists -Counting with and without manipulatives Number chart/grid	Foundations : ELA & Math -Engaging text -Various authors, composers and artists -Counting with and without manipulatives Number chart/grid	Cross-Curricular Introduction to keyboarding, home row keys, space bar, enter, and backspace keys	Cross-Curricular Animals: Earth Science -Solar System (sun, stars, moon) Life Cycles -mammals & birds -Amphibians -Reptiles	Cross-Curricular Writers' Workshop: Using search engines, students' will research their selected topics for their Non-fiction unit of study and also research author Gail Gibbons	Cross-Curricular -Students' will tell time, graph & interact with data to gain knowledge -Layout and awareness for publishing Create picture -Create graphic image-car/truck	Cross-Curricular Writer's Workshop text Layout and awareness for publishing Create picture -Create graphic image-car/truck -Life Science -Earth Science -Physical Science	Cross-Curricular Writer's Workshop text Layout and awareness for published piece
	RESOURCES	Starfall ABCYA Gamegoo Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Enchantedlearning Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Gamegoo Smartboard FactMonster Yooligans Yahookids google	Gamequarium ABCYA Gamegoo Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Gamegoo Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Gamegoo MrNussbaum Smartboard FactMonster Yooligans Yahookids google	Starfall ABCYA Gamegoo MrNussbaum Smartboard FactMonster Yooligans Yahookids google	MS Word 2010 ABCYA Paint Smartboard FactMonster Yooligans Yahookids google	Enchanted-learning Starfall Smartboard FactMonster Yooligans Yahookids google



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

GRADE 3 TOPICS AND NJCCCS	<u>Develop A Word Document.</u>	<u>Develop A Word Document.</u>	<u>Develop A Word Document.</u>	<u>Develop A Publisher Document</u>	<u>Develop A Publisher Document</u>	<u>Develop Excel Document</u>	<u>Develop Excel Document</u>	<u>Develop A Multimedia Presentation</u>	<u>Develop A Multimedia Presentation</u>	<u>Develop A Multimedia Presentation</u>
		-keyboarding -Saving Images -Inserting Images -Font Awareness -Saving Document -Retrieving Document	-keyboarding -Saving Images -Inserting Images -Font Awareness -Saving Document -Retrieving Document	-keyboarding -Saving Images -Inserting Images -Font Awareness -Saving Document -Retrieving Document	-keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design	-keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design	- keyboarding g -Saving Images -Inserting Images Awareness -Font -Page formatting -Page formatting -Saving Document -Retrieving Document -Graphic Design -Create Graphs	-keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Create Graphs	-keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation	-keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

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ACTIVITIES	<u>Keyboarding Document Prep.</u> -Bio Poem -Acrostic Poem Research - Plants/Animals *Life Cycles *Food Chain *Endangered Species -American History -Government -About Author	Students' will be able to complete at least 2 Finished products by the end of marking Period 1	Cross Curricular: Research paper for Writers' Workshop Lit. Non-Fiction -assist students with Gathering research and data.	<u>Graphic Design</u> -Greeting Card -Business Card -Flier -Brochures	Cross Curricular: -Weather -Geological Events -Colonial NJ -NJ in Revolution SWAT complete 2 Finished products By end of 2nd Marking Period.	<u>Data Management</u> -Time Management Graph -Fraction Graph -Budget -Trip cost estimator -General Graphs	SWAT complete at least 2 finished products by the end of the 3rd Marking period. Cross Curricular: Writers Workshop: Author Study Patricia Polacco	<u>Multimedia Presentation</u> -Force and Motion -Energy -NJ economics *Invention *Figures *Science and Tech *Industry -Culture and heritage	Students' will be able to complete at least 1 product by end of 4th Marking Period	Cross-Curricular Writer's Workshop text Layout and awareness for published piece	
	RESOURCES	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Powerpoint Smartboard Wikipedia Google Yahoo Bing Yahoo kids	NJCCCS 8.1.2.A.5 8.1.8.A.1 8.1.2.D.3 8.1.2.F.1 8.2.2.A.1 8.1.2.B.1 8.1.2.E.1 8.2.2.A.1	8.2.2.B.2 8.2.2.C.1 8.2.2.D.1 8.2.2.E.1 8.2.4.F.2 8.2.2.G.2



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

GRADE 4 TOPICS AND NJCCCS	<u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document	<u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document	<u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document	<u>Develop A Publisher Document</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design	<u>Develop A Publisher Document</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design	<u>Develop Excel Document</u> - keyboarding -Saving Images -Inserting Images Awareness -Font formatting -Page -Saving Document -Retrieving Document -Graphic Design -Create Graphs	<u>Develop Excel Document</u> -keyboarding -Saving Images -Inserting Images Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Create Graphs	<u>Develop A Multimedia Presentation</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation	<u>Develop A Multimedia Presentation</u> - keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation	<u>Develop A Multimedia Presentation</u> - keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

ACTIVITIES	<u>Keyboarding Document Prep.</u> -Bio Poem -Fall Story -Research Paper - Plants/Animals *Classification *Needs & Adaptation *Ecosystem *Food Chain and web *extinction and overpopulation -NJ Geography -NJ Government -About Author	Students' will be able to complete at least 2 Finished products by the end of marking Period 1	Cross Curricular: Research paper for Writers' Workshop Non-fiction -assist students with Gathering research and data and layout of published piece.	Graphic Design -Greeting Card -Business Card -Flier -Brochures	Cross Curricular -Soil Rocks and Minerals -Colonial NJ -NJ in Revolution SWAT complete 2 Finished products By end of 2nd Marking Period.	Data Management -Time Management Graph -Fraction Graph -Budget -Trip cost estimator -General Graphs	Complete at least 2 finished products by the end of the 3 rd Marking period. Cross Curricular: Writers Workshop: Author Study Cynthia Rylant	Multimedia Presentation -Motion *Gravity *Magnetism *Static Electricity -Matter *Structure & properties *Chemical Reactions *Physical Reactions -NJ economics *Invention *Figures *Science and Tech *Industry -Culture and heritage	Students' will be able to complete at least 1 product by end of 4th Marking Period	Cross-Curricular Writer's Workshop text Layout and awareness for published piece
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

RESOURCES	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids	MS Powerpoint Smartboard Wikipedia Google Yahoo Bing Yahoo kids	NJCCCS 8.1.4.A.5 8.1.8.A.1 8.1.4.D.3 8.1.4.F.1 8.2.2.A.1 8.1.4.B.1 8.1.4.E.2 8.2.4.A.2		
											8.2.4.B.4 8.2.4.C.3 8.2.4.D.1 8.2.4.E.1 8.2.4.F.2 8.2.4.G.3



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

GRADE 5 TOPICS AND NJCCCS	<u>Develop A Word Document.</u>	<u>Develop A Word Document.</u>	<u>Develop A Word Document.</u>	<u>Develop A Publisher Document</u>	<u>Develop A Publisher Document</u>	<u>Develop Excel Document</u>	<u>Develop Excel Document</u>	<u>Develop A Multimedia Presentation</u>	<u>Develop A Multimedia Presentation</u>	<u>Develop A Multimedia Presentation</u>
	-keyboarding	-keyboarding	-keyboarding	-keyboarding	-keyboarding	-	-keyboarding	-keyboarding	-keyboarding	-
	-Saving	-Saving	-Saving	-Saving	-Saving	keyboarding	-Saving	-Saving	-Saving	keyboarding
	Images	Images	Images	Images	Images	g	Images	Images	Images	ng
	-Inserting	-Inserting	-Inserting	-Inserting	-Inserting	-Saving	-Inserting	-Inserting	-Inserting	-Saving
	Images	Images	Images	Images	Images	Images	Images	Images	Images	Images
	-Font	-Font	-Font	-Font	-Font	-Inserting	-Font	-Font	-Font	-Font
	Awareness	Awareness	Awareness	Awareness	Awareness	Images	Awareness	Awareness	Awareness	Awareness
	-Page	-Page	-Page	-Page	-Page	-Font	-Page	-Page	-Page	-Page
	formatting	formatting	formatting	formatting	formatting	Awareness	formatting	formatting	formatting	formatting
-Saving	-Saving	-Saving	-Saving	-Saving	-Page	-Saving	-Saving	-Saving	-Saving	
Document	Document	Document	Document	Document	formatting	Document	Document	Document	Document	
-Retrieving	-Retrieving	-Retrieving	-Retrieving	-Retrieving	Document	Document	Document	Document	Document	
Document	Document	Document	Document	Document	-Retrieving	Document	Document	Document	Document	
				-Graphic	-Graphic	Document	-Graphic	-Graphic	-Graphic	
				Design	Design	Design	Design	Design	Design	
						-Create	-Create	Slide	Slide	
						Graphs	Graphs	Manipulation	Manipulation	



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	September	October	November	December	January	February	March	April	May	June
ACTIVITIES	<p><u>Keyboarding Document Prep.</u></p> <ul style="list-style-type: none"> -Bio Poem -Fall Story -Scientific Method research -Matter Research -Energy Research -Early Humans and Society Research. -About Author 	<p>Students' will be able to complete at least 2 Finished products by the end of marking Period 1</p>	<p>Cross Curricular:</p> <p>Research paper for Writers' Workshop Memoir</p> <p>-assist students with Gathering research and data and layout of published piece.</p>	<p><u>Graphic Design</u></p> <ul style="list-style-type: none"> -Greeting Card -Business Card -Flier -Brochures 	<p>Cross Curricular</p> <ul style="list-style-type: none"> -The Human Body - Characteristic s /Genes - Mesopotamia , Egypt and Kush -Civ. India & China <p>SWAT complete 2 Finished products By end of 2nd Marking Period.</p>	<p><u>Data Management</u></p> <ul style="list-style-type: none"> -Time Management Graph -Fraction Graph -Budget -Trip cost estimator -General Graphs 	<p>Complete at least 2 finished products by the end of the 3rd Marking period.</p> <p>Cross Curricular: Writers Workshop: Biography</p>	<p><u>Multimedia Presentation</u></p> <ul style="list-style-type: none"> -Animals *Cells *Classification *Life Cycles *Ecosystems -Ancient Greece 	<p>Students' will be able to complete at least 1 product by end of 4th Marking Period</p>	<p>Cross-Curricular</p> <p>Writer's Workshop text Feature layout and awareness for published piece</p>
	RESOURCES	<p>MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS WORD Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS Publisher Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS Excel Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>MS Powerpoint Smartboard Wikipedia Google Yahoo Bing Yahoo kids</p>	<p>NJCCCS 8.1.4.A.5 8.1.8.A.1 8.1.4.D.3 8.1.4.F.1 8.2.2.A.1 8.1.4.B.1 8.1.4.E.2 8.2.4.A.2</p>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

GRADE 6 TOPICS AND NJCCCS	<p><u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document</p>	<p><u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document</p>	<p><u>Develop A Word Document.</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document</p>	<p><u>Develop A Publisher Document</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design</p>	<p><u>Develop A Publisher Document</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design</p>	<p><u>Develop Excel Document</u> - keyboarding -Saving Images -Inserting Images Awareness -Page formatting -Page Document -Saving Document -Retrieving Document -Graphic Design -Create Formulas -Create Graphs</p>	<p><u>Develop Excel Document</u> -keyboarding -Saving Images -Inserting Images Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Create Formulas -Create Graphs</p>	<p><u>Develop A Multimedia Presentation</u> -keyboarding -Saving Images -Inserting Images -Font Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation -Animation</p>	<p><u>Develop A Multimedia Presentation</u> - keyboarding -Saving Images -Inserting Images Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation -Animation</p>	<p><u>Develop A Multimedia Presentation</u> - keyboarding -Saving Images -Inserting Images Awareness -Page formatting -Saving Document -Retrieving Document -Graphic Design -Slide Manipulation -Animation</p>
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

ACTIVITIES	<p><u>Keyboarding</u></p> <ul style="list-style-type: none"> -Bio Poem -Fall Story -Rocks and Rock Cycle -Rome -About Author 	<p>Students' will be able to complete at least 2 Finished products by the end of marking Period 1</p>	<p>Cross Curricular:</p> <p>Research paper for Writers' Workshop</p> <p>Persuasive Essay</p> <p>-assist students with Gathering research and data and layout of published piece.</p>	<p><u>Graphic Design</u></p> <ul style="list-style-type: none"> -Greeting Card -Business Card -Flier -Brochures 	<p>Topics Cross Curricular</p> <ul style="list-style-type: none"> -Volcanos -Earthquakes -Islamic World -Early African Civilizations <p>SWAT complete 2 finished products By end of 2nd Marking Period.</p>	<p><u>Data Managemen</u> <u>nt</u></p> <ul style="list-style-type: none"> -Time Managemen Graph -Fraction Graph -Budget -Trip cost estimator -General Graphs 	<p>Complete at least 2 finished products by the end of the 3rd marking period.</p> <p>Cross Curricular:</p> <p>Writers Workshop: Memoir-Multi-Genre</p>	<p><u>Multimedia Presentation</u></p> <ul style="list-style-type: none"> -Solar Sysytem -Renewal In Europe. -Middle Ages -Renaissance -Egypt -Rome 	<p>Students' will be able to complete at least 1 product by end of 4th Marking Period</p>	<p>Cross-Curricula r</p> <p>Writer's Workshop text</p> <p>Feature layout and awareness for published piece</p>
RESOURCIES	<p>MS WORD</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS WORD</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS WORD</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS Publisher</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS Publisher</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS Excel</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS Excel</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>MS</p> <p>Powerpoint</p> <p>Smartboard</p> <p>Wikipedia</p> <p>Google</p> <p>Yahoo</p> <p>Bing</p> <p>Yahoo kids</p>	<p>NJCCCS</p> <p>8.1.4.A.5</p> <p>8.1.8.A.1</p> <p>8.1.4.D.3</p> <p>8.1.4.F.1</p> <p>8.2.2.A.1</p> <p>8.1.4.B.1</p> <p>8.1.4.E.2</p> <p>8.2.4.A.2</p>	<p>8.2.4.B.4</p> <p>8.2.4.C.3</p> <p>8.2.4.D.1</p> <p>8.2.4.E.1</p> <p>8.2.4.F.2</p> <p>8.2.4.G.3</p>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

21st Century Themes and Skills

CRP2. Apply appropriate academic and technical skills. Career-ready individuals readily access and use the knowledge and skills acquired through experience and education to be more productive. They make connections between abstract concepts with real-world applications, and they make correct insights about when it is appropriate to apply the use of an academic skill in a workplace situation.

CRP4. Communicate clearly and effectively and with reason. Career-ready individuals communicate thoughts, ideas, and action plans with clarity, whether using written, verbal, and/or visual methods. They communicate in the workplace with clarity and purpose to make maximum use of their own and others' time. They are excellent writers; they master conventions, word choice, and organization, and use effective tone and presentation skills to articulate ideas. They are skilled at interacting with others; they are active listeners and speak clearly and with purpose. Career-ready individuals think about the audience for their communication and prepare accordingly to ensure the desired outcome.

For information related to the 12 Career Ready Practices follow the link below.

<http://www.state.nj.us/education/cccs/2014/career/CareerReadyPractices.pdf>

Personal Financial Literacy 9.1

<http://www.state.nj.us/education/cccs/2014/career/91.pdf>

Career Awareness, Exploration, and Preparation 9.2

<http://www.state.nj.us/education/cccs/2014/career/92.pdf>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

	<p>Career and Technical Education 9.3</p> <p>http://www.state.nj.us/education/cccs/2014/career/93.pdf</p>		
<p>8.1 Educational Technology</p> <p>8.2 Technology Education, Engineering, Design, and Computational Thinking - Programming</p>	<p>8.1.2.E.1 Use digital tools and online resources to explore a problem or issue.</p> <p>For NJ Technology Standards 8.1 and 8.2 follow the link below.</p> <p>http://www.state.nj.us/education/cccs/2014/tech/8.pdf</p>		
<p>Additional Differentiation/Accommodations/Modifications</p>			
<p>Gifted and Talented</p>	<p>English Language Learners</p>	<p>Students with Disabilities</p>	<p>Students at Risk of School Failure</p>
<p><i>(content, process, product and learning environment)</i></p>	<p>Modifications for Classroom</p> <p>Modifications for</p>	<p><i>(appropriate accommodations, instructional adaptations, and/or modifications as determined by the IEP or 504 team)</i></p>	<p>Modifications for Classroom</p> <p>Pair visual prompts with verbal presentations</p>



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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

Extension Activities	Homework/Assignments	Modifications for Classroom	
<p>Conduct research and provide presentation of cultural topics.</p> <p>Design surveys to generate and analyze data to be used in discussion.</p> <p>Debate topics of interest / cultural importance.</p> <p>Authentic listening and reading sources that provide data and support for speaking and writing prompts.</p> <p>Exploration of art and/or artists to understand society and history.</p> <p>Implement RAFT Activities as they pertain to the types / modes of communication (role, audience, format, topic).</p>	<p>Modified Assignments</p> <p>Native Language Translation (peer, online assistive technology, translation device, bilingual dictionary)</p> <p>Extended time for assignment completion as needed</p> <p>Highlight key vocabulary</p> <p>Use graphic organizers</p>	<p>Modifications for Classroom</p> <p>Pair visual prompts with verbal presentations</p> <p>Ask students to restate information, directions, and assignments.</p> <p>Repetition and and practice</p> <p>Model skills / techniques to be mastered.</p> <p>Extended time to complete class work</p> <p>Provide copy of classnotes</p> <p>Preferential seating to be mutually determined by the student and teacher</p>	<p>Ask students to restate information, directions, and assignments.</p> <p>Repetition and and practice</p> <p>Model skills / techniques to be mastered.</p> <p>Extended time to complete class work</p> <p>Provide copy of classnotes</p> <p>Preferential seating to be mutually determined by the student and teacher</p> <p>Student may request to use a computer to complete assignments.</p> <p>Establish expectations for correct</p>



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<p>Anchor Activities</p> <p>Use of Higher Level Questioning Techniques</p> <p>Provide assessments at a higher level of thinking</p>		<p>Student may request to use a computer to complete assignments.</p> <p>Establish expectations for correct spelling on assignments.</p> <p>Extra textbooks for home.</p> <p>Student may request books on tape / CD / digital media, as available and appropriate.</p> <p>Assign a peer helper in the class setting</p> <p>Provide oral reminders and check student work during independent work time</p> <p>Assist student with long and short</p>	<p>spelling on assignments.</p> <p>Extra textbooks for home.</p> <p>Student may request books on tape / CD / digital media, as available and appropriate.</p> <p>Assign a peer helper in the class setting</p> <p>Provide oral reminders and check student work during independent work time</p> <p>Assist student with long and short term planning of assignments</p> <p>Encourage student to proofread assignments and tests</p>
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		<p>term planning of assignments</p> <p>Encourage student to proofread assignments and tests</p> <p>Provide regular parent/ school communication</p> <p>Teachers will check/sign student agenda daily</p> <p>Student requires use of other assistive technology device</p> <p>Modifications for Homework and Assignments Extended time to complete assignments.</p> <p>Student requires more complex assignments to be broken up and explained in smaller units, with work</p>	<p>Provide regular parent/ school communication</p> <p>Teachers will check/sign student agenda daily</p> <p>Student requires use of other assistive technology device</p> <p>Modifications for Homework and Assignments Extended time to complete assignments.</p> <p>Student requires more complex assignments to be broken up and explained in smaller units, with work to be submitted in phases.</p> <p>Provide the student with clearly stated (written) expectations and grading criteria for assignments.</p> <p>Implement RAFT activities as they</p>
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TECHNOLOGY CURRICULUM MAPS FOR NJCCCS GRADE K-6

		<p>to be submitted in phases.</p> <p>Provide the student with clearly stated (written) expectations and grading criteria for assignments.</p> <p>Implement RAFT activities as they pertain to the types / modes of communication (role, audience, format, topic).</p> <p>Modifications for Assessments Extended time on classroom tests and quizzes.</p> <p>Student may take/complete tests in an alternate setting as needed.</p> <p>Restate, reread, and clarify directions/questions</p> <p>Distribute study guide for classroom tests.</p> <p>Establish procedures for accommodations / modifications for</p>	<p>pertain to the types / modes of communication (role, audience, format, topic).</p> <p>Modifications for Assessments Extended time on classroom tests and quizzes.</p> <p>Student may take/complete tests in an alternate setting as needed.</p> <p>Restate, reread, and clarify directions/questions</p> <p>Distribute study guide for classroom tests.</p> <p>Establish procedures for accommodations / modifications for assessments.</p>
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			assessments.	
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New Jersey State Department of Education. (2014). New Jersey core curriculum content standards. Trenton, NJ: Author.