

2nd Grade Curriculum

		12/31	1/1	1/2	1/3	1/4	
		ETHICS	LANGUAGE ARTS	MATH	SCIENCE (DAY 1)	SCIENCE (DAY 2)	HISTORY
Week 7 (10/28 - 11/01)	CLASSWORK:	Kindness	Lesson 1.10 & Review Combining Sentences	Addition and Subtraction	Animal Cells (p100) KWL what does an animal cell look like? Utube vidoes on cells. Create an animal cell https://www.pinterest.com/explore/cells-activity/ . label work. https://www.teacherspayteachers.com/Product/Animal-and-Plant-Cell-Match-and-Color-Pages-FREEBIE-1771191	Plant Cells Using knowledge of animal cell, discuss what would be different in a plant cell. Show video or bring in a plant to look at under a microscope. Draw what what you see, compare it to actual plant cell https://www.pinterest.com/search/pins/?q=ativites on plant cells. create simple model. https://www.teacherspayteachers.com/Product/Animal-and-Plant-Cell-	
	SUGGESTED:		Write 6 sentences. Turn each pair of sentences into a compound sentence.	KHAN ACADEMY: PLACE VALUE	Discuss what an animal cell looks like with someone at home. VideosCinema ModeOff Video Lecture: 4-1 Plant and Animal Cells.Use readworks.org for more information about cells. Create model of cell cell https://www.pinterest.com/explore/cells-activity .	Same as lower grades but more intense. Get a sampleof lake or river water to view under microscope. Draw what viewed. create a model of a plant cell. https://www.teacherspayteachers.com/Product/FREE-Cells-Anatomy-Animal-Cells-and-Plant-Cells-Posters-with-QR-Code-3396195 https://www.teacherspayteachers.com/Product/I-Have-Who-Has-Plant-Cell-3183443 https://www.pinterest.com/search/pins/?q=ativites on	

Week 8 (11/04 - 11/08)	CLASSWORK:	Tolerance	Lesson 2.1 Capitalizing the First Word in Sentence	Addition and Subtraction	The Cell Cycle		
	SUGGESTED:		Write 6 sentences. Make sure the first word is capitalized in every sentence!	Practice your addition facts up to 40. Write out problems or have someone quiz you. Make notecards if that helps you. https://www.khanacademy.org/math/early-math/cc-early-math-measure-data-topic/cc-early-math-money/v/counting-dollars	Explain the cell cycle in your own words. Be sure to use your neatest handwriting!		
Week 9 (11/11 - 11/15)	CLASSWORK:	Tolerance	Lesson 2.2 Capitalizing Pronoun	Unit 3: Length	Principles of Evolution		
	SUGGESTED:			Measure 4 things in your house. Which is the longest? Which is the shortest? Which unit of measurement did you use? https://www.khanacademy.org/math/early-math/cc-early-math-measure-data-topic/cc-early-math-money/v/counting-dollars	Draw and label one part of evolution we talked about in class. Then write 3+ sentences about the evolution piece you chose.		

Week 10 (11/18 - 11/22)	CLASSWORK:	Tolerance	Lesson 2.3-2.4 Capitalizing Names and Place Names	Length	The Evolution of Populations		
	SUGGESTED:			Measure 4 new things. Compare them to the last 4 things you measured. How do they compare to each other? Which one is the longest? Which one is the shortest? Can you measure the same thing in two different units of measurement? https://www.khanacademy.org/math/early-math/cc-early-math-measure-data-topic/cc-early-math-money/v/counting-dollars	Answer these questions: What do populations need? What happens if the population grows? What would happen if the population doubled instantly?		
Week 11 (11/25 - 11/29)	CLASSWORK:	Tolerance	Lesson 2.5 & Review Capitalizing Day and Months	Length	Invertebrates & Vertebrates	Unit 4: Multiplication and Division	
	SUGGESTED:			https://www.khanacademy.org/math/early-math/cc-early-math-add-sub-20/cc-early-math-add-20/v/adding-within-20 https://www.khanacademy.org/math/early-math-measure-data-topic/cc-early-math-money/v/counting-dollars			

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Week 12 (12/02 - 12/06)	CLASSWORK:		Lesson 1.10 & Review Combining Sentences	Unit 4: Subtraction Within 10	Bacteria	Discuss different types of bacteria and its purpose. Read https://newpathworksheets.com/science/grade-7/bacteria-and-viruses-1 https://www.ducksters.com/science/bacteria.php about bacteria from these websites. Create models of types of bacteria. Begin science experiment using bacteria from classroom. Check out pinteret for ideas on bacteria experiments.	
	SUGGESTED:	Kindness	Write 6 sentences. Turn each pair of sentences into a compound sentence.	https://www.khanacademy.org/science/physics/centripetal-force-and-gravitation/gravity-newtonian/v/mass-and-weight-clarification	Discuss different types of bacteria. http://www.softschools.com/language_arts/reading_comprehension/science/102/bacteria/ . Show different pictures of diagram. https://www.printablediagram.com/bacterial-cell-diagrams/ . Draw and label diagram. Begin experiment on mold or bacteria with class https://www.pinterest.com/search/pins/?q=bacteria%20experiments&rs=typed&term_meta[]=bacteria%7Ctyped&term_meta[]=experiments%7Ctyped	Finish bacteria experiment and discussing results. Students will write up a lab report on experiment and decide if they can do the experiment again, what would they change.	

Week 13 (12/09 - 12/13)	CLASSWORK:	Tolerance	Lesson 2.1 Capitalizing the First Word in Sentence	Multiplication and Division	Principles of Ecology	Use same video https://www.youtube.com/watch?v=GlnFylwdYH4 Use website https://www.biologycorner.com/lesson-plans/ecology/ to introduce various characteristics of ecosystems. Show biome map and use venn diagram to compare and contrast different ecosystems	
	SUGGESTED:		Write 6 sentences. Make sure the first word is capitalized in every sentence!	https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-intro/v/basic-multiplication	Introduce video https://www.youtube.com/watch?v=GlnFylwdYH4 . Have students choose a habitat and research it. Teacher brings book and information. Student will bring in a shoebox to create a habitat and effects of human impact on ecosystem.	Continue discussion of ecology. Discuss animal food chains, and do project from pinterest. Then have students continue to work on habitat adding in animals food chainst to display.	
Week 14 (12/16 - 12/20)	CLASSWORK:	Tolerance	Lesson 2.2 Capitalizing Pronoun	Multiplication and Division	Interactions in Ecosystems	Continue to discuss different ecosystems. Students will choose one to report on. Create a travel brochure to include, ecosystem, food chain, human impact on environment etc.	
	SUGGESTED:			https://www.khanacademy.org/math/arithmetic-home/multiply-divide/mult-intro/v/basic-multiplication	Using projects above continue adding more information to about ecosystems and how organisms relate to each other. Do animals protect themselves from predators? How do animals survive the cold weather if this relates to their ecosystem.	Discuss different types of water ecosystems. Have them draw the different types. Continue working on diorama, adding in type of water into project.	

Week 15 (12/23 - 12/27)	CLASSWORK:	Tolerance	Lesson 2.3-2.4 Capitalizing Names and Place Names	Unit 5: Multiplication Tables of 2 and 3	The biosphere	Explain what is biosphere. Use https://www.nationalgeographic.org/encyclopedia/biosphere/ to show students. Explain how earth is broken up into different parts.	
	SUGGESTED:				Explain what is biosphere. Use https://www.nationalgeographic.org/encyclopedia/biosphere/ to show students.		
Week 16 (12/30 - 01/03)	CLASSWORK:	Tolerance	Lesson 2.5 & Review Capitalizing Day and Months		Human Impact on Ecosystem	Review and discuss the problems ecosystems are having and how as we human are probably the cause what solutions can students come up with. Brainstorm how they will enforce these systems.	
	SUGGESTED:				Multiplication Tables of 2 and 3	Continue working on projects. Also discuss different biomes with class. Create a flip book of what they look like. Teacher should bring in books or pictures of them. details to projects.	Add finishing details to projects.