

## Kindergarten Curriculum

			12/31	1/1	1/2	1/4
		ETHICS	LANGUAGE ARTS	MATH	SCIENCE (DAY 1)	HISTORY
Week 7 (10/28 - 11/01)	CLASSWORK:	Kindness		Chapter 3: Numbers to 10	Animal Cells (p100)  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 you see, compare it to actual plant cell <a href="https://www.pinterest.com/search/pins/?q=ativites+on+plant+cells">https://www.pinterest.com/search/pins/?q=ativites on plant cells</a> . create	Freedom - what is it? Do we have it? How did we get it? What can we do with our freedom? What are we not free to do?
	SUGGESTED:		Draw a journal entry about your favorite school activity. Write at least one complete sentence to match your drawing. Think about what a sentence needs.	<a href="https://www.khanacademy.org/math/cc-kindergarten-math">KHAN ACADEMY: COUNTING AND PLACE VALUE: <a href="https://www.khanacademy.org/math/cc-kindergarten-math">https://www.khanacademy.org/math/cc-kindergarten-math</a></a>	What types of things have cells? How do you think a plant cell is different than a plant cell? Draw an animal that has cells. Can you remember what one part of the cell does?	What do we have the freedom to do in America? What do we not have the freedom to do in America? How did we get our freedom? Tell someone at home about why freedom is important.

Week 8 (11/04 - 11/08)	CLASSWORK:	Tolerance		Numbers to 10	The Cell Cycle	How has life changed since the 1800s? Modern vs. old-fashioned discussion
	SUGGESTED:		Practice writing your question marks and exclamation points. Do 2 lines of neat question marks and 2 lines of neat exclamation points.	Practice your addition math facts up to 10. Don't forget that you can always use your fingers to help you count up to find the answer. Work on fluency (the speed at which student can arrive at a correct answer) <a href="https://www.khanacademy.org/math/arithmetic/arith-review-add-subtract/arith-review-add-within-100a/e/addition_3">https://www.khanacademy.org/math/arithmetic/arith-review-add-subtract/arith-review-add-within-100a/e/addition_3</a>	How do cells make more cells? Draw 1 cell. Then draw 2 cells. Then draw 4 cells. Then draw 8 cells. This models cell division and the cell cycle.	Think about something modern (newly invented) in your home. Draw it and guess when it was invented. Then, look up when it was actually invented and check your guess.
Week 9 (11/11 - 11/15)	CLASSWORK:		Chapter 4: Shapes and Solids		Principles of Evolution	Community - helpers in the community, what is your community like? Who lives there? What do you do there?
	SUGGESTED:		Write 3 sentences. Try to use "and" in each sentence.	Find and draw examples of 2D shapes in your life. (Roof of house = Triangle, yogurt container = circle, square, rectangle, trapezoid, hexagon, pentagon, octagon) <a href="https://www.khanacademy.org/tag/properties-of-2d-shapes">https://www.khanacademy.org/tag/properties-of-2d-shapes</a> <a href="https://www.khanacademy.org/tag/properties-of-2d-shapes">https://www.khanacademy.org/tag/properties-of-2d-shapes</a>	Draw a part of evolution we talked about in class. How does it help the animal survive? Tell someone at home about how evolution works.	Draw your favorite community helper. Tell someone at home why they are your favorite.

Week 10 (11/18 - 11/22)	CLASSWORK:	Tolerance		Chapter 5: Compare Height, Length, Weight, and Capacity	The Evolution of Populations	South America - what countries are there? How is it different than North America? What is it like there?
	SUGGESTED:		Write 10 words you know. Capitalize the first letter of every word.	Measure items in your house. Which one is the longest? Which one is the shortest? <a href="https://www.khanacademy.org/search?referer=%2Ftag%2Fproperties-of-2d-shapes&amp;page_search_query=1st+grade+length">https://www.khanacademy.org/search?referer=%2Ftag%2Fproperties-of-2d-shapes&amp;page_search_query=1st+grade+length</a>	Draw the things that populations need. How many people do you think live in your city? Guess and then look up your city's population to see how close you were.	Choose a country in South America and practice writing it neatly in your best handwriting.
Week 11 (11/25 - 11/29)	CLASSWORK:			Compare Height, Length, Weight, and Capacity	Invertebrates & Vertebrates	
	SUGGESTED:			Think about how much things in your house weigh. What do you think is the heaviest thing in your house? What about the lightest thing in your house? <a href="https://www.khanacademy.org/search?referer=%2Ftag%2Fproperties-of-2d-shapes&amp;page_search_query=1st+grade+length">https://www.khanacademy.org/search?referer=%2Ftag%2Fproperties-of-2d-shapes&amp;page_search_query=1st+grade+length</a>		

		ETHICS	LANGUAGE ARTS	MATH	SCIENCE (DAY 1)	HISTORY
Week 12 (12/02 - 12/06)	CLASSWORK:		Lesson 1.10 & Review Combining Sentences	Chapter 6: Comparing Numbers within 10	Bacteria Discuss different types of bacteria and its purpose. Read <a href="https://newpathworksheets.com/science/grade-7/bacteria-and-viruses-1">https://newpathworksheets.com/science/grade-7/bacteria-and-viruses-1</a> <a href="https://www.ducksters.com/science/bacteria.php">https://www.ducksters.com/science/bacteria.php</a> 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	
	SUGGESTED:	Kindness	Write 6 sentences. Turn each pair of sentences into a compound sentence.		Finish bacteria experiment and discussing results. Students will write up a lab repot 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	Comparing Numbers within 10	Principles of Ecology Use same video <a href="https://www.youtube.com/watch?v=GlnFylwdYH4">https://www.youtube.com/watch?v=GlnFylwdYH4</a> Use website <a href="https://www.biologycorner.com/lesson-plans/ecology/">https://www.biologycorner.com/lesson-plans/ecology/</a> 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!		Choose a type of ecosystem and find out what national park relates to this ecosystem. Create a 3D triorama of the diagram, national park and how they relate. Does the park help or hinder the ecosystem.	
Week 14 (12/16 - 12/20)	CLASSWORK:		Lesson 2.2 Capitalizing Pronoun	Chapter 7: Numbers to 20	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:				Discuss human contact in the ecosystem, and its impact. What is being done to improve the system? Describe animals that prey on others in ecosystems. Discuss types of water. Then have students add this information to travel brochure. use prior websites .	

Week 15 (12/23 - 12/27)	<b>CLASSWORK:</b>	<b>Tolerance</b>	Lesson 2.3-2.4 Capitalizing Names and Place Names	Numbers to 20	The biosphere - Explain what is biosphere. Use <a href="https://www.nationalgeographic.org/encyclopedia/biosphere/to">https://www.nationalgeographic.org/encyclopedia/biosphere/to</a> show students. Explain how earth is broken up into different parts.	
	<b>SUGGESTED:</b>					
Week 16 (12/30 -01/03)	<b>CLASSWORK:</b>		Lesson 2.5 & Review Capitalizing Day and Months	Numbers to 20	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.	
	<b>SUGGESTED:</b>				Add finishing details to projects.	