

CCPS Science Grade K Curriculum Guide – Course Code – 5020010					
Click here to review your course description and standards on CPALMS: Course Number: 5020010	Semester 1 July – October (60 Sessions)		Semester 2 October –February (60 Sessions)		Semester 3 February – May (60 Sessions)
Textbook: Nat Geo	Physical Science Life Science		Physical Science Earth Science		Physical Science Earth Science Life Science
Big Ideas	1. Science Practices 2. Living and Nonliving		1. Science Practices 2. Matter and Forms of Energy 3. Earth and Space 4. Motion		1. Science Practices 2. Living and Nonliving 3. Earth and Space
Learning Goal (I can.)	1. I can observe the world using my five senses. 2. I can compare and contrast living and nonliving things.		1a. I can learn by observing. 1b. I can make charts and graphs. 1c. I can draw and write about my experience. 2a. I can sort objects. 2b. I can recognize changes in matter. 3a. I can identify objects in the sky. 3b. I can recognize how day and night are different. 4. I can make things move in different ways.		1a. I can learn by observing. 1b. I can make charts and graphs. 1c. I can draw and write about my experience. 2a. I can see that animals are different in fiction vs. nonfiction stories. 2b. I can observe living things. 3. I can observe the size of objects as seen from earth. 4. I can observe that some objects are near and some are far.
Florida Standard(s)	SC.K.N.1.1 SC.K.N.1.2 SC.K.L.14.1	SC.K.L.14.2 SC.K.L.14.3	SC.K.N.1.3 SC.K.N.1.4 SC.K.N.1.5 SC.K.P.8.1 SC.K.P.9.1 SC.K.E.5.2	SC.K.E.5.1 SC.K.E.5.3 SC.K.E.5.4 SC.K.P.12.1 SC.K.P.13.1 SC.P.10.1	SC.K.N.1.3 SC.K.N.1.4 SC.K.N.1.5 SC.K.L.14.2 SC.K.E.5.5 SC.K.E.5.6
Topic/Lesson	1. Becoming a scientist 2. Using our 5 senses 3. Plants		1. Becoming a scientist 1. Making and recording observations	3. Moon phases 3. Day and Night 4. Motion	1. Becoming a scientist 1. Making and recording observations 2. Plants and animals 3. Space

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			2. Sorting objects by characteristics 2. Changes in matter			
Suggested Activities (AIMS, LABs, TOPs, Thinking Maps, etc.)	<ul style="list-style-type: none"> -observe plants grow from seeds Maps: - Classifying Maps: living and nonliving Activities: -tools to collect information -taste tests and mystery bags (5 senses) Maps: -Defining Map (circle map) - What is a scientist? -Part to Whole (brace map)- 5 senses 		<ul style="list-style-type: none"> -record observations in science journal -create a graph (whole group) Maps: -Defining Map- pumpkins Activities: -sort real-life objects by attribute -crumble paper -melt ice cubes -use playdough to cut, tear, and roll Maps: -Sequence map: ice cube melting Activities: -moon phases using Oreo cookies -draw illustrations of things you see during the day and at night Maps: Compare and Contrast similarities and difference between day and night Activities: - air races (make balls move by blowing through straws) Maps: -Classify map- classify how things move (fast, slow) 		<ul style="list-style-type: none"> -record observations in science journal - create a graph (whole group) Maps: - compare/contrast day and night Activities: -plant different types of seed -discuss hibernation and migration -use of literature; fiction and nonfiction and sort the illustrations -hatch insects Maps: classifying map- real and fantasy Activities: -observations (outdoors) -explorations Maps: -Analogy Map: near vs. far 	
Vocabulary	Investigation Observation	sense	Investigation Observation Sun Vibration	weight Law moon	Investigation Gravity Moon	Weight
Assessment	<ul style="list-style-type: none"> -identify tools a scientist use -picture sort: living and nonliving -match pictures with the sense 		<ul style="list-style-type: none"> -interpret a graph for new information -observe children sorting objects -observing and recording before and after pictures -picture sort of day and night -push and pull 		<ul style="list-style-type: none"> -Record in journal plant growth and parts -Sequence Map- Plant life cycle -Classify Map: sorting pictures of day and night 	