

Grade Level:	Kindergarten
Class Title:	Science
Subject:	Science
Class Description:	<p>This class will help channel the student’s natural curiosity to become a better questioner, observer, and thinker.</p> <p>This course will introduce students to fundamentals of the following Science topics: Physical Science- Motion and Force Earth and Space- Sun and Moon Life Science- Plants, Animals, and Habitats</p> <p>This class will work toward one or more CCSS. This will be a year-long class, spanning the 2017-2018 school year.</p> <p>The estimated instructional hours for this class are ____per week.</p>
Learning Materials:	List all materials.
Learning Goals/ Performance Objectives:	<ol style="list-style-type: none"> 1. Observe and describe using senses 2. Compare and Contrast 3. Identify parts of processes, system, cycles, or animals 4. Explain the function or job of parts of a system or animal 5. Ask questions about key details in text-CCS 6. Ask and answer who, what, where when, why, and how to demonstrate understanding of key details in a text 7. Sort and Classify 8. Explore Cause and Effect 9. Examine ideas with in topic of study 10. Find examples in nature 11. Summarize topics 12. Recognize ideas and vocabulary with in topic of study 13. Measure and order by weight, capacity, height, length, and temperature 14. Investigate questions with in topic of study 15. Record and graph data 16. Label and explain diagrams 17. Define terms related to study 18. Participate in a shared research and writing projects-CCS 19. Use drawing, dictating, and/or writing to explain about a topic-CCS <p>Physical</p> <ol style="list-style-type: none"> 1. Plan and conduct an investigation to compare the effects of different strengths or different directions of pushes and pulls on the motion of an object. 2. Analyze data to determine if a design solution works as intended to change the speed or direction of an object with a push or a pull. 3. Make observations to determine the effect of sunlight on Earth’s surface. 4. Use tools and materials provided to design and build a structure that will reduce the warming effect of sunlight on Earth’s surface. <p>Life</p> <ol style="list-style-type: none"> 1. Use observations to describe patterns of what plants and animals (including humans) need to survive.

	<ol style="list-style-type: none"> 2. Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live. 3. <p>Earth</p> <ol style="list-style-type: none"> 1. Use and share observations of local weather conditions to describe patterns over time. 2. Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. 3. Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. <p>A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP.</p>
	<p>Please take a look at the sample learning activities below. Use them as a model to describe what your child will be doing at home. Adjust and modify them to match what you are doing at home. Just do your best, your consultant will give you more assistance at your meeting, if necessary.</p> <p>(Student Name) Read for 15 minutes for information on a topic (Student Name) will complete ____pages per week/month in Science workbook (Student Name) will collect data about observations using: list, tally, chart or graph (Student Name) will compare and contrast two objects (using a Venn diagram) (Student Name) will draw or label the parts of an object, plant, or animal (Student Name) will keep a list of vocabulary words for the topic (Student Name) will make a prediction and explain the outcome</p>
<p>Learning Activities:</p>	<p>[Student's name] will keep a portfolio of weekly work samples and any written assessments to present to consultant at face-to-face meetings each month. Monthly assessments will be completed by the consultant/certified teacher. Monthly Progress will be marked satisfactory or unsatisfactory based on the professional judgment of the certified teacher using parent input, work samples, and monthly assessments.</p>
<p>Progress Criteria/ Methods of Evaluation:</p>	