Grade Level:	**Kindergarten**
Class Title:	**Science**
Subject:	**Science**
Class Description:	This class will help channel the student's natural curiosity to become a better questioner, observer, and thinker. 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 This class will work toward one or more CCSS. This will be a year-long class, spanning the 2020-2021 school year. The estimated instructional hours for this class are ____per week.
Learning Materials:	List all materials.
Learning Goals/ Performance Objectives:	**Washington State K Learning Standards for Science** 1. 1.1.1 Understand simple properties of common natural and manufactured materials and objects. 2. 1.1.5 Understand physical properties of Earth materials. 3. 1.1.6 Understand characteristics of living organisms. 4. 2.1.1 Understand how to ask a question about objects, organisms, and events in the environment. 5. 2.1.2 Understand how to plan and conduct simple investigations following all safety rules. 6. 2.1.5 Understand how to record and report investigations, results, and explanations. 7. 2.2.1 Understand that all scientific observations are reported accurately even when the observations contradict expectations. 8. 2.2.2 Understand that observations and measurement are used by scientists to describe the world. 9. 3.2.2 Know that people have invented tools for everyday life. 10. 3.2.4 Understand how humans depend on the natural environment. 11. 3.2.4 Describe what humans obtain from their environment (e.g., a school garden yields vegetables; a sheep yields wool, which is used to make sweaters). **Physical Science** 12. K-PS2-1 MOTION AND STABILITY 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. 13. K-PS2-2 MOTION AND STABILITY 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. **Life Science** 14. K-LS1-1 MOLECULES TO ORGANISMS Use observations to describe patterns of what plants and animals (including humans) need to survive. **Earth Science** 15. K-ESS2-1 EARTH'S SYSTEMS Use and share observations of local weather conditions to describe patterns over time. 16. K-ESS2-2 EARTH'S SYSTEMS Construct an argument supported by evidence for how

	plants and animals (including humans) can change the environment to meet their needs. 17. K-ESS3-1 EARTH AND HUMAN ACTIVITY Use a model to represent the relationship between the needs of different plants and animals (including humans) and the places they live. 18. K-ESS3-2 EARTH AND HUMAN ACTIVITY Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. 19. K-ESS3-3 EARTH AND HUMAN ACTIVITY Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. ***Engineering, Technology, & Applications Science*** 20. K-2-ETS1-1 ENGINEERING DESIGN Ask questions, make observations, and gather information about a situation people want to change to define a simple problem that can be solved through the development of a new or improved object or tool. 21. K-2-ETS1-2 ENGINEERING DESIGN Develop a simple sketch, drawing, or physical model to illustrate how the shape of an object helps it function as needed to solve a given problem. 22. K-2-ETS1-3 ENGINEERING DESIGN Analyze data from tests of two objects designed to solve the same problem to compare the strengths and weaknesses of how each performs. 23. K-ESS3-2 EARTH AND HUMAN ACTIVITY Ask questions to obtain information about the purpose of weather forecasting to prepare for, and respond to, severe weather. 24. K-ESS3-3 EARTH AND HUMAN ACTIVITY Communicate solutions that will reduce the impact of humans on the land, water, air, and/or other living things in the local environment. 25. K-PS2-2 MOTION AND STABILITY 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. A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP.
Learning Activities:	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. (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
Progress Criteria/ Methods of Evaluation:	[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.