

**Science Curriculum Guide
Kindergarten**

State Standards	St. Louis Park Outcomes	District-Wide, Common Assessments	Units/Topics/ Activities	Materials and Resources
IV. LIFE SCIENCE B. Diversity of Organisms <u>Standard:</u> The student will understand that there are living and nonliving things.	**Describe the basic needs of living things **Sort and classify objects based on a property	“What do trees need to live and grow?” Sort rocks or shells and explain properties that determine classification	Trees Paper and Wood Fabric	FOSS kits for all three
III. EARTH & SPACE SCIENCE B. The Water Cycle, Weather & Climate <u>Standard:</u> The student will observe weather changes	**Identify patterns in nature (seasons, life cycles)	Sequencing pictures of an apple tree through the seasons	Seasons: Westwood visits: (optional) <ul style="list-style-type: none"> ◆ Fall: Autumn Trees & Apples ◆ Winter: Winter Birds ◆ Spring: Forest Treasures Changes in the sky: (addresses the Grade 1 standard) Student will recognize the changes that occur in the sky in a 24-hour day. <ul style="list-style-type: none"> ◆ Dawn and Daylight 	
No state standard, but deemed important in St. Louis Park	Explain how personal use of materials impacts his/her environment		Recycling Water conservation Electricity Conservation <i>For all four: Energy Source Education Program from EXCEL Energy</i> <i>Address: Educational Development Specialists 5212 Katella Ave. Suite 206 Los Alamitos, CA 90720</i>	
IV. LIFE SCIENCE G. Human Organism <u>Standard:</u> The student will understand that people have five senses that can be used to learn about the environment.	<u>Identify and describe the five senses</u>	Unit assessment	Five senses: Great Body Shop Cooking Unit	
I. HISTORY & NATURE OF SCIENCE	Observe and describe properties of living and non-living things	Teacher observation with checklist	Trees	Westwood (Colors and Shapes of

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B. Scientific Inquiry Standard: The student will raise questions about the natural world.	Conduct an investigation		Paper and Wood Fabric	Leaves) (optional) FOSS units (for all three)