

**Project Favela Early Childhood Curriculum  
SCIENCE Year-at-a-Glance**

	<b>First Quarter</b>	<b>Second Quarter</b>	<b>Third Quarter</b>	<b>Fourth Quarter</b>
	February-April	May-July	August-October	November-December
<b>Standard</b>	<b>Life Science</b> <i>"Living things have characteristics and basic needs"</i>	<b>Physical Science</b> <i>"Objects have properties and characteristics"</i> <i>"There are cause and effect relationships in everyday life"</i>	<b>Life Science</b> <i>"Living things have characteristics and basic needs"</i> <i>"Living things develop in predictable patterns"</i>	<b>Earth Science</b> <i>"Events such as night, day, weather, and seasons have patterns"</i>
<b>Student Outcome</b>	<b>Students can . . .</b> 1. Use senses to gather information 2. Observe and explore the natural processes of growing, changing, and adapting to the environment 3. Ask and pursue questions through simple investigations 4. Collect, describe, and record information about living things through discussion, drawings, and charts	<b>Students can . . .</b> 1. Use senses to gather information about objects 2. Make simple observations and predictions 3. Collect, describe, and record information 4. Recognize and investigate cause and effect relationship in every day experiences: (i.e. pushing objects, blowing objects)	<b>Students can . . .</b> 1. Identify common needs such as food, air, and water 2. Predict, explain and infer patterns of living things, their needs, and life cycles 3. Make and record by drawing, acting out or describing how living things change over time	<b>Students can . . .</b> 1. Use senses to gather information about Earth's materials 2. Make simple observations, explanations, and generalizations about Earth's materials based on real life experiences 3. Identify, predict patterns such as daily weather and seasons 4. Observe and describe changes in natural environment over time
<b>Lesson Plan Ideas</b>	*Classroom environment includes plants and living things *Children explore living things such as leaves, seeds, etc.	*Explore, manipulate and investigate with various materials (natural and manmade) *Play with balls, ramps, water, etc. and predict outcomes *Observe everyday life and make charts about observations then make predictions. *Use magnets, magnifying glasses scales, and rulers in investigation	*Classroom environment includes plants and living things *Children explore living things such as leaves, seeds, etc.	*Children explore materials including sand, dirt, water, mud, rocks, and tools to explore, manipulate, and discover