



The Palo Alto  
Junior Museum  
& Zoo

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## The Palo Alto Junior Museum and Zoo Classes Offered 2009-2010 School Year

Grade	Life Science	Earth Science	Physical Science
<b>K</b>	<b>Life Lab</b> Zoo Animals – A variety from the JMZ such as a snake, scorpion or hedgehog.	<b>Biomes</b>	<b>Wood Unit</b>
		1.Rainforest	1.Paper Engineering
		2.Polar	2.Floating and Sinking
		3.Desert	3.Making Paper
		4.Riparian (local creeks)	
<b>1</b>	<b>Organisms</b>	<b>Air and Weather</b>	<b>Solids and Liquids</b>
	1.Habitats	1.Air Pressure	1.What is a Liquid?
	2.Camouflage	2.Wind	2.Viscosity
	3.Adaptations	3.Storms	3.Phase Changes
	<b>Other</b>		
	1. Bats		
<b>2</b>	<b>Insects</b>	<b>Pebbles, Sand, and Silt</b>	<b>Balance and Motion</b>
	1.Arthropods	1.Rock Classification	1.Balance and Falling
	2.Insect Mouths	2.Weathering and Erosion	2.Bouncing and Rolling
	3.Bee society	3.Sand Investigation	3.Speed and Friction
		4.Fossils	<b>Sound</b>
			1.Anatomy of the Ear
		2.Pitch and Frequency	
		3.Instrument Exploration	
<b>3</b>	<b>Adaptations</b>	<b>Sun, Moon and Stars</b>	<b>Energy and Matter</b>
	1.Plants of the Baylands	1.The Reason for Seasons	1.Periodic Chart – Atoms and Molecules
	2.Birds of the Baylands	2.Telescopes and Binoculars	2.Chemical Reactions
	2.Fish Adaptations	3.Starlab	3.Potential vs. Kinetic Energy
<b>4</b>	<b>Environments and Animal Studies</b>	<b>Earth Science</b>	<b>Electricity</b>
	1.Animal Morphology-Squid Dissection	1.Rock Identification	1.Static Electricity
	2.Microorganisms	2.Mineral Identification	2.Circuits
	3.Bacteria	3.Earthquakes	3.Magnets and Motors
	4.Carnivorous Plants	4.Glaciers	4.Electric Cars* *two class periods
<b>5</b>	<b>Human Body</b>	<b>Water Planet</b>	<b>Mixtures and Solutions</b>
	1.Cell Anatomy	1.The Water Molecule	1.Identifying Mixtures and Solutions
	2.Sheep Heart or Cow Eye Dissection	2.Filtration	2.Saturation Points
	3.Digestion and Enzymes	3.Pollution	3.Chemical Reactions