



The Palo Alto
Junior Museum
& Zoo

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The Palo Alto Junior Museum and Zoo

Classes Offered 2015-16

School Year

Grade	Life Science	Earth Science	Physical Science
K	Life Lab Zoo Animals – A variety from the JMZ such as a snake, scorpion or hedgehog.	Biomes	Wood Unit
		1.Rainforest	1.Paper Engineering
		2.Polar	2.Floating and Sinking
		3.Desert	3.Making Paper (3 Parent Volunteers Required)
		4.Riparian (local creeks)	
1	Organisms	Air and Weather	Solids and Liquids
	1.Habitats	1.Air Pressure	1.What is a Liquid? (Introductory Program)
	2.Camouflage	2.Wind	2.Viscosity
	3.Adaptations	3.Storms	3.Phase Changes
	Other		4. Surface Tension
	1. Bats		
2	Life Cycles	Pebbles, Sand, and Silt	Balance and Motion
	1. Life Cycles	1.Rock Cycle and Sort	1.Balance and Falling
	2. Arthropods	2.Weathering and Erosion	2.Bouncing and Rolling
	3.Bee Society	3.Sand Investigation	3.Speed and Friction
		4.Fossils	Sound
			1.Anatomy of the Ear
		2.Pitch and Frequency	
		3.Instrument Exploration	
3	Adaptations	Sun, Moon and Stars	Energy and Matter
	1.Plants of the Baylands	1.The Reason for Seasons	1.Periodic Chart – Atoms and Molecules
	2.Birds of the Baylands	2.Telescopes (2 Parent Volunteers Required)	2.Chemical Reactions
	3.Fish Adaptations	3.Starlab	3.Potential vs. Kinetic Energy
		4.Solar Energy	
4	Environments and Animal Studies	Earth Science	Electricity
	1.Animal Classification	1.Rock Identification	1.Static Electricity
	2.Animal Morphology – Squid Dissection	2.Mineral Identification	2.Circuits
	3.Carnivorous Plants	3.Earthquakes	3.Electric Cars* *two class periods
5	Human Body	Water Planet	Mixtures and Solutions
	1.Cells and Microscopes	1.The Water Molecule	1.Identifying Mixtures and Solutions
	2.Cow Eye Dissection	2. Water Filtration	2.Saturation Points
	3.Digestion	3. Water Pollution	3.Endo/Exothermic Reactions
	4.Lung Model	4. Dew Point	