

Hands-On Science Fall 2022 Class Schedule and Topics

Monday - Rescue				Tuesday - EDH				Thursday - Placerville				Friday - Rescue	
	Biology 9-11	Space 11:30-1:30	Electricity 1:45-3:45		Electricity 10-10: 55	Biology 10-10:55 11-11:55	Space 12:30-1:25 1:30-2:25		Electricity 10-10: 55	Biology 10-10:55 11-11:55	Space 12:30-1:25 1:30-2:25		Dissections/ Microscopy
9/12				9/13	Current Electricity	Scientific Inquiry	What's Hidden Inside?	9/15	Current Electricity	Scientific Inquiry	What's Hidden Inside?	9/16	-
9/19	Scientific Inquiry/ Animal Cell Model	What's Hidden Inside/ Cool Suit	Static/current electricity	9/20	Static electricity and Electroscopes	Animal Cell Model	Cool Suit	9/22	Static electricity and Electroscopes	Animal Cell Model	Cool Suit	9/23	Crayfish/Cow eye(9:30-11:30) Frog/Earthworm (12:30-2:30)
9/26	Osmosis & Diffusion/ Cellular Respiration	Making Regolith/ Straw Rocket Design	Induction Motor/circuit cards	9/27	Conductors, Insulators & Electromagnetism	Osmosis and Diffusion	Making Regolith	9/29	Conductors, Insulators & Electromagnetism	Osmosis and Diffusion	Making Regolith	9/30	Rat (9:30-11:30) Crayfish/Cow eye (12:30-2:30)
10/3	DNA/Mitosis	Food for Space Flight/ Cleaning Water	Wire Splicing/Breadboard	10/4	Circuit Cards	DNA	Straw Rocket Design	10/6	Circuit Cards	DNA	Straw Rocket Design	10/7	Fetal Pig (9:30-11:30) Rat (12:30-2:30)
10/10	Genetics/ Bacteria	Robot Arm Challenge/End Effector	Build Filppy	10/11	Build a Bristle Bot	Mitosis	Astronaut Lander	10/13	Build a Bristle Bot	Mitosis	Astronaut Lander	10/14	flex day
10/17	Viruses/Protists	Moon Mining/ Astronaut Lander	Bristle Bot/Homopolar motor	10/18	Wire Splicing/ Breadboard	Genetics	Moon Mining	10/20	Wire Splicing/ Breadboard	Genetics	Moon Mining	10/21	Microscopy (10-12)
10/24	flex day	flex day	flex day	10/24	Breadboard	Cellular Respiration	Food for Space Flight	10/26	Breadboard	Cellular Respiration	Food for Space Flight	10/27	flex day
10/31	flex day	flex day	flex day	11/1	Build Flippy the Dancing Robot	Yeast Fermentation	Cleaning Water	11/3	Build Flippy the Dancing Robot	Yeast Fermentation	Cleaning Water	11/4	flex day
11/6	flex day	flex day	flex day	11/7	Build Flippy the Dancing Robot	Bacteria	Robot Arm Challenge	11/9	Build Flippy the Dancing Robot	Bacteria	Robot Arm Challenge	11/10	flex day
11/14				11/15	Build an Induction Motor	Viruses	End Effector	11/17	Build an Induction Motor	Viruses	End Effector	11/18	
11/21				11/22	<i>no class</i>	<i>no class</i>	<i>no class</i>	11/24	<i>no class</i>	<i>no class</i>	<i>no class</i>	11/25	
11/28				11/29	Build a battery	Disease Transmission/ Immune Response	Ray Shielding	12/1	Build a battery	Disease Transmission/ Immune Response	Ray Shielding	12/2	
12/5				12/6	Build a homopolar motor	Protists	Leg Up	12/8	Build a homopolar motor	Protists	Leg Up	12/9	