

AP Environmental Science Curriculum Map 2017-18

	1ST NINE WEEKS	2ND NINE WEEKS	3RD NINE WEEKS	4TH NINE WEEKS
WEEK 1	<ul style="list-style-type: none"> • Introduction • Safety review and contract • Critical thinking • Scientific method • Models and math 	<ul style="list-style-type: none"> • Biodiversity • Evolution of species -natural selection 	<ul style="list-style-type: none"> • Pesticides and pest control -relate to human health 	<ul style="list-style-type: none"> • Energy -energy consumption -energy efficiency
WEEK 2	<ul style="list-style-type: none"> • History of Resources • Environmental laws and treaties • use and conservation of resources • Environmental problems and causes (overview) 	<ul style="list-style-type: none"> • community ecology -interspecific and intraspecific competition 	<ul style="list-style-type: none"> • Geology -plate tectonics -model of the earth -land formations 	<ul style="list-style-type: none"> • Energy -renewable energy -types of energy (harm and benefits) -include nuclear energy and effects of radiation
WEEK 3	<ul style="list-style-type: none"> • use and conservation of resources • Environmental problems and causes (overview) 	<ul style="list-style-type: none"> • Community ecology --biomes 	<ul style="list-style-type: none"> • Soil and geology -soil lab -mining -rocks and minerals 	<ul style="list-style-type: none"> • Solid waste -recycling -disposal
WEEK 4	<ul style="list-style-type: none"> • Matter and flow of energy • Relationships in ecosystems 	<ul style="list-style-type: none"> • Sustaining wild species -endangered animals 	<ul style="list-style-type: none"> • Soil and geology cont'd 	<ul style="list-style-type: none"> • Solid waste -wastewater treatment
WEEK 5	<ul style="list-style-type: none"> • Air • Air pollution 	<ul style="list-style-type: none"> • Terrestrial diversity • Aquatic diversity 	<ul style="list-style-type: none"> • Food resources -calories -feeding populations 	Review for APES exam/practice
WEEK 6	<ul style="list-style-type: none"> • Weather and the atmosphere 	<ul style="list-style-type: none"> • Population dynamics -power of the pyramids 	<ul style="list-style-type: none"> • Urban land use -land use planning 	Review for APES exam/practice
WEEK 7	<ul style="list-style-type: none"> • Climate change and ozone loss 	<ul style="list-style-type: none"> • Population dynamics 	<ul style="list-style-type: none"> • Aquatic ecology -aquatic sampling 	APES exam May 10 th @12:00pm Begin Solar Cooking Competition
WEEK 8	<ul style="list-style-type: none"> • Climate change and air pollution cont'd 	<ul style="list-style-type: none"> • Human health -risk and toxicology -LD 50 	<ul style="list-style-type: none"> • Water resources -water diversion 	Solar Cooking Competition
WEEK 9	<ul style="list-style-type: none"> • Biodiversity of species 	<ul style="list-style-type: none"> • Human health -disease reports 	<ul style="list-style-type: none"> • Water pollution -testing water quality 	Final Exams