

WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT

Extended Learning Pacing Guide: High School Biology

June 20 – July 15, 2016

HS Biology - Semester 2

Week	Day	Hour	Lesson (McDougal Littell Biology) and Edmentum	
			Group A	Group B
Week 1	1	1.5	13.1 - 13.2: Ecologists Study Relationships; Biotic and Abiotic Factors	Edmentum Pre-Assessment
		1.5	Edmentum Pre-Assessment	13.1 - 13.2: Ecologists Study Relationships; Biotic and Abiotic Factors
	2	1.5	13.3 - 13.4: Energy in Ecosystems, Food Chains and Food Webs	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	13.3 - 13.4: Energy in Ecosystems, Food Chains and Food Webs
	3	1.5	13.5 - 13.6: Cycling of Matter; Pyramid Models	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	13.5 - 13.6: Cycling of Matter; Pyramid Models
	4	1.5	14.1 - 14.2: Habitat and Niche; Community Interactions	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	14.1 - 14.2: Habitat and Niche; Community Interactions
	5	1.5	14.3 - 14.5: Population Density and Distribution; Population Growth Patterns; Ecological Succession	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	14.3 - 14.5: Population Density and Distribution; Population Growth Patterns; Ecological Succession
Week 2	6	1.5	15.1 - 15.3: Life in the Earth System; Climate; Biomes	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	15.1 - 15.3: Life in the Earth System; Climate; Biomes
	7	1.5	15.4 - 15.5: Marine Ecosystems; Estuaries and Freshwater Ecosystems	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	15.4 - 15.5: Marine Ecosystems; Estuaries and Freshwater Ecosystems
	8	1.5	16.1 - 16.3: Human Population Growth and Natural Resources; Air Quality; Water Quality	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	16.1 - 16.3: Human Population Growth and Natural Resources; Air Quality; Water Quality
	9	1.5	16.4 - 16.5: Threats to Biodiversity; Conservation	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	16.4 - 16.5: Threats to Biodiversity; Conservation
	10	1.5	17.1 - 17.2: The Linnaean System of Classification; Classification Based on Evolutionary Relationships	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	17.1 - 17.2: The Linnaean System of Classification; Classification Based on Evolutionary Relationships

Week	Day	Hour	Lesson (McDougal Littell Biology) and Edmentum		
			Group A	Group B	
<i>July 4th, Holiday</i>					
Week 3	11	1.5	17.3 - 17.4: Molecular Clocks; Domains and Kingdoms	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	17.3 - 17.4: Molecular Clocks; Domains and Kingdoms	
	12	1.5	18.1 - 18.2: Studying Viruses and Prokaryotes; Viral Structure and Reproduction	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	18.1 - 18.2: Studying Viruses and Prokaryotes; Viral Structure and Reproduction	
	13	1.5	18.3 - 18.4: Viral Diseases; Bacteria and Archaea	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	18.3 - 18.4: Viral Diseases; Bacteria and Archaea	
	14	1.5	18.5 - 18.6: Beneficial Roles of Prokaryotes; Bacterial Diseases and Antibiotics	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	18.5 - 18.6: Beneficial Roles of Prokaryotes; Bacterial Diseases and Antibiotics	
	Week 4	15	1.5	20.1 - 20.2: Origins of Plant Life; Classification of Plants	Edmentum Individualized Program
			1.5	Edmentum Individualized Program	20.1 - 20.2: Origins of Plant Life; Classification of Plants
16		1.5	20.3 - 20.4: Diversity of Flowering Plants; Plants in Human Culture	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	20.3 - 20.4: Diversity of Flowering Plants; Plants in Human Culture	
17		1.5	21.1 - 21.4: Plant Cells and Tissues; The Vascular System; Roots and Stems; Leaves	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	21.1 - 21.4: Plant Cells and Tissues; The Vascular System; Roots and Stems; Leaves	
18		1.5	22.1 - 22.3: Plant Life Cycles; Reproduction in Flowering Plants; Seed Dispersal and Germination	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	22.1 - 22.3: Plant Life Cycles; Reproduction in Flowering Plants; Seed Dispersal and Germination	
19		1.5	22.4 - 22.5: Asexual Reproduction; Plant Hormones and responses	Edmentum Individualized Program	
		1.5	Edmentum Individualized Program	22.4 - 22.5: Asexual Reproduction; Plant Hormones and responses	

For additional resources including Animations/Simulations, Demonstrations, Labs, and Lessons, please go to the District Website. Click on Departments, then select Science. Clicking on the links on the left side of the web page will give you access to many other resources that you can use to support your science instruction.