

WEST CONTRA COSTA UNIFIED SCHOOL DISTRICT

Extended Learning Pacing Guide: High School Biology

June 20 – July 15, 2016

HS Biology - Full Course

Week	Day	Hour	Lesson (McDougal Littell Biology) and Edmentum	
			Group A	Group B
Week 1	1	1.5	2.1 - 2.2: Atoms, Ions, and Molecules; Properties of Water	Edmentum Pre-Assessment
		1.5	Edmentum Pre-Assessment	2.1 - 2.2: Atoms, Ions, and Molecules; Properties of Water
	2	1.5	2.3 - 2.5: Carbon-Based Molecules; Chemical Reactions Enzymes	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	2.3 - 2.5: Carbon-Based Molecules; Chemical Reactions Enzymes
	3	1.5	3.1 - 3.2: Cell Theory; Cell Organelles	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	3.1 - 3.2: Cell Theory; Cell Organelles
	4	1.5	3.3 - 3.5: Cell Membrane; Diffusion and Osmosis; Active Transport, Endocytosis and Exocytosis	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	3.3 - 3.5: Cell Membrane; Diffusion and Osmosis; Active Transport, Endocytosis and Exocytosis
	5	1.5	4.1 - 4.2: Chemical Energy and ATP; Overview of Photosynthesis	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	4.1 - 4.2: Chemical Energy and ATP; Overview of Photosynthesis
Week 2	6	1.5	4.3 - 4.4: Photosynthesis in Detail; Overview of Cellular Respiration	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	4.3 - 4.4: Photosynthesis in Detail; Overview of Cellular Respiration
	7	1.5	4.5 - 4.6: Cellular Respiration in Detail; Fermentation	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	4.5 - 4.6: Cellular Respiration in Detail; Fermentation
	8	1.5	5.1 - 5.2: The Cell Cycle; Mitosis and Cytokinesis	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	5.1 - 5.2: The Cell Cycle; Mitosis and Cytokinesis
	9	1.5	5.3 - 5.5: Regulation of the Cell Cycle; Asexual Reproduction; Multicellular Life	Edmentum Individualized Program
		1.5	Edmentum Individualized Program	5.3 - 5.5: Regulation of the Cell Cycle; Asexual Reproduction; Multicellular Life
	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.