

Pennington Traditional – *Grade Level/Course Heading Here*

Teacher: *Your Name Here*

Updated: *March 20, 2020*

<u>Month</u>	<u>Objectives Covered</u>	<u>Prior Assignments, Assessments, Resources</u>	<u>Additional Available Resources</u>
September	LS.3 Life Processes & Cell Organization	Characteristics of life. Cells, tissue, organs, systems, organisms.	Discovery Ed: Science Kids: All About Animal Cells and Plant Cells.
October	LS.2a-c Cell Structure/Function LS.5a-b Photosynthesis/Cell Resp	Plan/animal cell organelles. Photosynthesis/cell resp in plants and/or animals.	Cell transport (Brainpop): passive, active Disc Ed: Science Kids: All about photosynthesis
November	LS.2d Cell Growth & Reproduction	Mitosis and meiosis	Brainpop and/or Discovery Education: search, cell division , mitosis , meiosis
December	LS.12 DNA and Heredity	Structure and role of DNA in genes and chromosomes. Genotype/phenotype and Punnett Squares.	Brainpop: DNA Discovery Ed: DNA and Heredity Punnett Squares
January	LS.13 Evolution	Relationship of mutation, adaptation, natural selection, extinction. Environment influence on speciation.	Smithsonian Natural History Museum: Human Origins Disc Ed: Evidence of Evolution Natural Selection
February	LS.4 Classification of Life	Characteristics of Domains and Kingdoms. Characteristics of major phyla of plants and animals.	Tim and Moby: Classification Disc Ed: Classification of Organisms
March	LS.6a-b,d Energy Flow & Cycles of Matter. LS.7 Populations and Communities	Trophic levels: producers and consumers. Cycles: carbon, oxygen, nitrogen, water.	Brainpop: Energy Pyramids and Food Chains DiscEd: Food Chains and Webs

Reminders:

- No new instruction is being given.
- All additional available resources are for optional practice only and are not being used for grades.
- All due dates are April 14, or whenever students return to school.
- I am available during regular school hours (9:00 a.m. – 3:40 p.m. Monday-Friday) to provide assistance and/or additional resources and I can be reached at johnsopv@pwcs.edu.