## Pennington Traditional – 6th Grade Science

Teacher: Mrs. Chavez Updated: March 20, 2020

<u>Month</u>	Objectives Covered	Prior Assignments, Assessments, Resources	Additional Available Resources
September	Standard 6.1: Nature of Science	Scientific problem solving & Experimental Design Science Process Skills (including metric measurement)	Theory Vs. Law: <a href="https://www.pbslearningmedia.org/resource/theory-vs-hypothesis-its-okay-to-be-smart/theory-vs-hypothesis-its-okay-to-be-smart/">https://www.homeschoolmath.net/online/measuring.php</a> Measurements: <a href="https://www.homeschoolmath.net/online/measuring.php">https://www.homeschoolmath.net/online/measuring.php</a>
October	Standard 6.1: Nature of Science con't Standard 6.8: Solar System	The Nature of Science Sun, planet & Moons Rotation& Revolution Role of Gravity Meteors, Asteroids & Comets	Exploring the Universe: <a href="https://spaceplace.nasa.gov/menu/play/">https://spaceplace.nasa.gov/menu/play/</a>
November	Standard 6.8: E-M-S Relationships	Unique properties of Earth Earth's day/night cycle & Tides Moon Phases Earth's tilt & seasons Space history, exploration & technology	Exploring the Universe: <a href="https://spaceplace.nasa.gov/menu/play/">https://spaceplace.nasa.gov/menu/play/</a> Clever → BrainPop: Solar System <a href="https://www.brainpop.com/search/?keyword=Solar+System">https://www.brainpop.com/search/?keyword=Solar+System</a> Space Exploration WebQuest: <a href="https://www.humbleisd.net/cms/lib/TX01001414/Centricity/Domain/8440/Space-Exploration-Timeline-Webquest.pdf">https://www.humbleisd.net/cms/lib/TX01001414/Centricity/Domain/8440/Space-Exploration-Timeline-Webquest.pdf</a>
December	Standard 6.5: Matter	Atomic structure Elements: Chemical symbol, bond, formula & equations	Period Table WebQuest: <a href="http://pshs.psd202.org/documents/echavez/1506435798.pdf">http://pshs.psd202.org/documents/echavez/1506435798.pdf</a> Clever→ Brain Pop: Sortify: Elements of the Periodic Table <a href="https://www.brainpop.com/games/sortifyelementsoftheperiodictable/">https://www.brainpop.com/games/sortifyelementsoftheperiodictable/</a>
January	Standard 6.4 & 6.9: Energy Forms & Transformation	KE/PE, identifying forms of energy & transformations Energy Resources & Usage Conduction, Convection & Radiation	KE Vs PE WebQuest:  https://www.baschools.org/vimages/shared/vnews/stories/55db3d94edb7f/po  tential_and_kinetic_energy_webquest%20%285%29.pdf  Forms of Energy Games  https://www.e-education.psu.edu/egee102/node/1905  Generation Genius: Energy Transfer  https://www.generationgenius.com/energy-transfer-lesson-for-kids/
February	Standard 6.6c, 6.7 & 6.9a: Weather & Climate	Composition of Air Structure of the atmosphere Natural & Human – caused changes in the atmosphere; air quality Water Cycle & Precipitation	Water Cycle WebQuest: <a href="https://pmm.nasa.gov/education/water-cycle">https://pmm.nasa.gov/education/water-cycle</a> Weather & Climate Games: <a href="https://climatekids.nasa.gov/">https://climatekids.nasa.gov/</a>
March	Standard 6.6c, 6.7 & 6.9a: Weather & Climate con't	Temperature, Pressure & Humidity Weather Instruments Severe Weather Weather Map Reading & Prediction	Weather & Climate Games: <a href="https://climatekids.nasa.gov/">https://climatekids.nasa.gov/</a> Severe Weather Games & Simulators: <a href="https://www.weather.gov/owlie/youngmeteorologistgame">https://www.weather.gov/owlie/youngmeteorologistgame</a>

## **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 **CHAVEZLX@PWCS.EDU**