

Science 9 WOHS (Western Career Prep HS) Curriculum Map 2016-2017

	Units	Content Expectations (HSCES)	Formative/Summative Assessments	Supplementary Learning Activities
1 st Quarter	3 Weeks – “Introduction To Science” How We Study Science, Science Terminology, Collecting and Organizing Data, Measurement, Lab Procedures, Lab Reports 4 Weeks – “Structure of Matter” Property of Matter, States of Matter, Kinetic Theory, Atomic Structure, Periodic Table, Radioactive Decay	P1.1A P1.1C P1.1D P1.1E P1.1f P1.1g P1.1h P1.2A P1.2C P1.2h P1.2k (this unit involve focus on prerequisite benchmarks) C4.8A –D C4.9A C4.10A-E C5.2A-C C5.4 A-E E5.3B (this unit involve focus on prerequisite benchmarks)	➤ Assignment sheet coursework ➤ Student –Teacher substantive conversation of higher level content questions ➤ Unit Pre test/post test	➤ Brightstorm.com ➤ Big Idea pre reading sheets ➤ E2020 ➤ Bozeman Science
2 nd Quarter	11 Weeks – “Motion, Forces and Energy” Motion, Work, Force, and Energy Newton’s Laws of Motion, Universal forces, Energy Forms, Nuclear Reactions and Conversions	P2.1A-E P2.2A-D P3.1A P3.2A-C P3.3A P3.4A-D P4.2C-D P4.3 A-C P4.12A-B P3.6C E2.2B E2.4A	➤ Assignment sheet coursework ➤ Student –Teacher substantive conversation of higher level content questions ➤ Unit Pre test/post test	➤ Brightstorm.com ➤ Big Idea pre reading sheets ➤ E2020

3 rd Quarter	9 Weeks – “Waves” Mechanical Waves, Properties of Waves, Behavior of Waves, Electromagnetic Waves, Light, Color, Mirrors, Lenses	P4.1B P4.4A-C P4.5A-E P4.6A-D P4.8A-B P4.9A-C	➤ Assignment sheet coursework ➤ Student –Teacher substantive conversation of higher level content questions ➤ Unit Pre test/post test	➤ Brightstorm.com ➤ Big Idea pre reading sheets ➤ E2020 ➤ Bozeman Science
4 th Quarter	4 Weeks – “Electricity and Magnetism” Electric Charge, Static Electricity, Electric Current, Electric Circuits, Interaction of Electricity and Magnetism 2 Weeks – “Weather and Climate” Energy in the Atmosphere, Wind, Cloud Formation, Precipitation, Climate 5 Weeks – “Astronomy” & “Earth’s History” Origin of the Solar System, The Sun, Stars, Age of Universe, Big Bang Theory, Nuclear Fusion, Earth’s Geologic Time, <i>Time permitting: Fossils, Geologic Eras</i>	P3.7A-B P4.2B P4.6A P4.10A-D E4.2A E4.2B E4.p2A-I E2.2A E5.1A E5.2A-D E5.2e-f P3.6A P4.12C P2.1F E5.3A E5.4B	➤ Assignment sheet coursework ➤ Student –Teacher substantive conversation of higher level content questions ➤ Unit Pre test/post test ➤ End of course exploratory paper	➤ Brightstorm.com ➤ Big Idea pre reading sheets ➤ E2020

**If it becomes necessary for the student to take this course online through Edgenuity it is aligned with this course map.