

Marysville Middle School

6th Grade Science

Curriculum Pacing Guide

Weeks	Unit Block	CCE	Power Standards - Critical Content - Key Concepts
8	1	P.EN.M.1, P.EN.06.11, P.EN.06.12, P.EN.M.4, P.EN.06.41, P.EN.06.42, P.CM.M.1, P.CM.06.11 P.CM.06.12, S.IP.M.1, S.IP.06.11, S.IP.06.12, S.IP.06.13, S.IP.06.14, S.IP.06.15, S.IP.06.15, S.IP.06.16, S.IA.M.1, S.IA.06.11, S.IA.06.12, S.IA.06.13, S.IA.06.14, S.IA.06.15, S.RS.M.1, S.RS.06.11, S.RS.06.12, S.RS.06.13, S.RS.06.14, S.RS.06.15, S.RS.06.16, S.RS.06.17, S.RS.06.18, S.RS.06.19	Energetic Connections <ul style="list-style-type: none"> Describe energy as potential energy and kinetic energy. Understand that energy is a property of all matter. Study change involved in energy transfer. Learn how the total amount of energy remains constant in all transformations. Learn how change in the state of mater is due to the motion and arrangement of atoms and molecules. Investigate when a change in state occurs, mass is conserved.
End of 1st Marking Period			
8	2	E.SE.M.4, E.SE.06.41, E.SE.M.1, E.SE.06.11, E.SE.06.12, E.SE.06.13, E.SE.06.14, S.IP.M.1, S.IP.06.11, S.IP.06.12, S.IP.06.13, S.IP.06.14, S.IP.06.15, S.IP.06.16, S.IA.M.1, S.IA.06.11, S.IA.06.12, S.IA.06.13, S.IA.06.14, S.IA.06.15, S.RS.M.1, S.RS.06.11, S.RS.06.12, S.RS.06.13, S.RS.06.14, S.RS.06.15, S.RS.06.16	The Planet Rock <ul style="list-style-type: none"> Learn why the surface of the Earth is constantly changing. Investigate how rocks are formed and reformed in the processes of weathering and erosion. Learn that rocks are classified as sedimentary, metamorphic, and igneous based on how they are formed. Learn that soils are made up of rock sediments and decomposed organic materials. Learn that soils form layers based on their particle size and composition.
End of 2nd Marking Period			
End of 1st Semester			

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8	3	E.ES.M.5, E.SE.06.51, E.SE.06.52, E.SE.06.53, E.SE.M.6, E.SE.06.61, E.SE.06.62, E..ST.M.3, S.ST.06.31, E.ST.M.4, E.ST.06.41, E.ST.06.42, S.IP.M.1, S.IP.06.11, S.IP.06.12, S.IP.06.13, S.IP.06.14, S.IP.06.15, S.IP.06.16, S.IA.M.1, S.IA.06.11, S.IA.06.12, S.IA.06.13, S.IA.06.14, S.IA.06.15, S.RS.M.1, S.RS.06.11, S.RS.06.12, S.RS.06.13, S.RS.06.14, S.RS.06.15, S.RS.06.19	Earth: Yesterday, Today, and Tomorrow <ul style="list-style-type: none"> Understand the Earth is made up of three distinct layers: the core, mantle, and crust. Study how major geological events are a result of the movement of the lithospheric plates. Learn that the Earth has its own magnetic field. Investigate how fossils and rock layers give evidence for measuring geologic time and how life and environmental conditions have changed.
End of 3rd Marking Period			
8	4	L.OL.M.5, L.OL.06.51, L.OL.06.52, L.EC.M.1, L.ED.06.11, L.EC.M.2, L.EC.06.21, L.EC.06.22, L.EC.06.23, L.EC.M.3, L.EC.06.31, L.EC.06.32, L.EC.M.4, L.EC.06.41, L.EC.06.42, S.IP.M.1, S.IP.06.11, S.IP.06.12, S.IP.06.13, S.IP.06.14, S.IP.06.15, S.IP.06.16, S.IA.M.1, S.IA.06.11, S.IA.06.12, S.IA.06.13, S.IA.06.14, S.IA.06.15, S.RS.M.1, S.RS.06.11, S.RS.06.12, S.RS.06.13, S.RS.06.14, S.RS.06.15, S.RS.06.16, S.RS.06.17, S.RS.06.18, S.RS.06.19	Energy in an Ecosystem <ul style="list-style-type: none"> Study how biotic and abiotic factors contribute to the balance in an ecosystem. Understand that producers, consumers, and decomposers are classified by how they obtain their energy. Learn how all organisms cause change in the environment where they live. Some changes are harmful and some are beneficial to the balance in the ecosystem.
End of 4th Marking Period			
End of 2nd Semester			