

Science Curriculum Map – Grade 6

Unit 1	Unit 2	Unit 3
<p>Earth’s History</p> <p>MS. History of Earth Earth’s History MS-ESS 1-4 MS-ESS 2-1 MS-ESS 2-2 MS-ESS3-1-(mineral resources) *2, 4</p> <p>MS. History of Earth Evidence of Plate Tectonics MS-ESS 2-3 MS-ESS 3-2 *1, 3</p>	<p>Planetary Science</p> <p>MS. Space Systems Earth and the Solar System MS-ESS 1-1 MS-ESS 1-3 *1, 3</p> <p>MS. Space Systems Space: Gravity & Orbits (LHS Pilot) MS-ESS 1-2 MS-PS 2-4 *2, 3</p>	<p>Weather and Water</p> <p>MS. Weather & Climate Currents & Earth’s Climate MS-ESS 2-4 MS-ESS 2-5 MS-ESS 2-6 MS-ESS 3-2 MS-ESS3-1-(groundwater) *1, 2</p> <p>MS. Weather & Climate Evidence of Climate Change MS-ESS3-1- MS-ESS3-2 MS-ESS 3-3* MS-ESS 3-4 MS-ESS 3-5 *3, 4, 5</p>

CMS Science Proficiencies*

1. By the end of middle school, the CMS student can construct, interpret, and analyze models to build understanding and test ideas.
2. By the end of middle school, the CMS student can analyze information from several sources (written, graphical, verbal, mathematical) to draw scientifically valid conclusions.
3. By the end of middle school, the CMS student can effectively obtain and communicate scientifically valid evidence in a number of ways (qualitatively, ie. written, verbally; quantitatively ie. graphically, mathematically) to support a claim.
4. By the end of middle school, the CMS student can ask questions in order to design and carry out scientific investigations.
5. By the end of middle school, the CMS student can identify problems in order to engineer (design), implement, and refine solutions.