

GRADE 5 SCIENCE CURRICULUM MAP 2009-2010

September	October	November	December	January
<p>S.IP.05.11 Inquiry Process—generating questions, conducting investigations</p> <p>S.IA.M.1 Inquiry Analysis and Communication—analyze data from tables and graphs to answer scientific questions</p> <p>S.RS.M.1 Reflection and Social Implications—careful analysis of evidence that guides decision-making and the application of science throughout history and within society.</p>	<p>L.EV.M.1 Species Adaptation and Survival—behavioral and physical characteristics of animals help them to survive in their environment</p> <p>Introduction to L.OL.M.4—Organization of Living Things</p>	<p>L.OL.M.4 continued—Organization of Living Things: multicellular organisms may have specialized systems that perform functions which serve the needs of the organism.</p> <p>L.OL.05.41 Identify the general purpose of selected animal systems (digestive, circulatory, respiratory, skeletal, muscular, nervous, and excretory)</p> <p>L.OL.05.42 Explain how animal systems work together to perform selected activities</p>	<p>Body systems (continued)</p>	<p>Body systems (continued)</p> <p>Forces and Motions:</p> <p>P.FM.M.2 Some forces between objects are in direct contact (friction and air resistance) or when not in direct contact (magnetic force, electrical force, and gravitational force)</p> <p>P.FM.M.3 Forces have a magnitude and direction; forces can be added; balanced and unbalanced forces</p>
February	March	April	May	June
<p>Forces and Motion (continued)</p> <p>P.FM.M.4 Speed-Motion can be described by a change in position relative to a point of reference. The motion of an object can be described by its speed and the direction it is moving. $S=d/t$</p> <p>P.FM.05.43 Illustrate how motion can be measured and represented on a graph</p>	<p>Forces and Motion (continued)</p> <p>E.ST.M.1 Solar System—sun earth and other planets (and their moons), asteroids and comets.</p> <p>E.ST.M.2 Solar System Motion- Gravity is the force that keeps most objects in the solar system in regular and predictable motion. Motions of planets, moon phases, constellations, lunar and solar eclipses, tides</p>	<p>Solar System (continued)</p> <p>Earth Day April 20</p>	<p>L.EV.05.13 Describe how fossils provide evidence about how living things and environmental conditions (volcanic eruptions, floods, asteroid impacts, tsunamis) have changed</p> <p>L.EV.05.14 Analyze the relationship of environmental change and catastrophic events to explain extinction</p> <p>L.EV.M.2 Classification</p> <p>L.OL.05.41 Identify the general purpose of the reproductive system</p>	<p>Continue expectations from May</p>