

2010-2011 Curriculum Map 7th Grade Life Science - G-West

Content & Standards	Timeframe	Assessment
<p><u>Scientific Method & Safety</u></p> <p>1.0 Students understand the processes of scientific investigations and are able to design, conduct, communicate about, and evaluate such investigations.</p> <p>7.0 Students know how to appropriately select and effectively use tools (including laboratory materials, equipment and electronic resources) to conduct scientific investigations.</p>	<p>August > Beginning September</p>	<p>-Safety worksheet & quiz -Graphing introduction -Get-A-Life Homework</p> <p><u>Labs:</u> -Scientific Method (Radish Lab) -Microscope Lab</p> <p><u>General:</u> -Instruction on lab write-up design -Science Fair Project (done using scientific method, and general lab design)</p>
<p><u>Cells:</u> Theory, Structure & Function, Energy Processes</p> <p>1.0</p> <p>3.1 Students investigate diversity of physical characteristics and life processes of organisms.</p> <p>3.4 Students know and understand how organisms change over time in terms of evolution and genetics.</p> <p>6.0 Students understand that science involves a particular way of knowing and understanding common connections among different scientific disciplines.</p> <p>7.0</p>	<p>mid-September > end October</p>	<p>-Worksheets -Notes -Unit Test & Quizzes -Tour of the School as a cell -Photosynthesis Phun -Respiration & Fermentation Exploration</p> <p><u>Project:</u> -Cell Project -Cell Division Board Game</p> <p><u>Labs:</u> -Diffusion Demo/Osmosis Lab -Photosynthesis Lab -Lettuce Leaf Lab -The Great Cracker Query -The Respiration Investigation -Worksheets</p>