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

2010-2011 Curriculum Map 7' Grade Life Science - G-West			
Content & Standards		Timeframe	Assessment
Scientific Method & Safety		August > Beginning	-Safety worksheet & quiz
1.0	Students understand the processes of	September	-Graphing introduction
	scientific investigations and are able to		-Get-A-Life Homework
	design, conduct, communicate about, and		Labs:
	evaluate such investigations.		-Scientific Method (Radish Lab)
7.0	Students know how to appropriately select		-Microscope Lab
	and effectively use tools (including		General:
	laboratory materials, equipment and		-Instruction on lab write-up design
	electronic resources) to conduct scientific		-Science Fair Project (done using scientific
	investigations.		method, and general lab design)
<u>Cells</u> :	Theory, Structure & Function, Energy	mid-September >	-Worksheets
	Processes	end October	-Notes
1.0			-Unit Test & Quizzes
3.1	Students investigate diversity of physical		-Tour of the School as a cell
	characteristics and life processes of		-Photosynthesis Phun
	organisms.		-Respiration & Fermentation Exploration
3.4	Students know and understand how		Project:
	organisms change over time in terms of		-Cell Project
	evolution and genetics.		-Cell Division Board Game
6.0	Students understand that science involves a		Labs:
	particular way of knowing and understanding		-Diffusion Demo/Osmosis Lab
	common connections among different		-Photosynthesis Lab
	scientific disciplines.		-Lettuce Leaf Lab
7.0	•		-The Great Cracker Query
			-The Respiration Investigation
			-Worksheets