


6th Grade Science



<u>1st Six Weeks</u>	<u>2nd Six Weeks</u>	<u>3rd Six Weeks</u>	<u>4th Six Weeks</u>	<u>5th Six Weeks</u>	<u>6th Six Weeks</u>
Pre-Test	Pre-Test	Pre-Test	Pre-Test	Pre-Test	Pre-Test
Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary	Vocabulary
Lab Safety and Equipment 6.1,6.4 Scientific Inquiry Investigations 6.2,6.3 Life Science 6.10 Structure and Function of Living Systems/cells 6.11 Genetic Materials Role of Genes Fertilization	Earth Science 6.14 Structures and Functions of Earth Systems Fossils 6.6 Forces Shaping Earth Uplifting Volcanic Activity Earthquakes	Weathering and Erosion 6.14 Movement of Water Groundwater Features Caves 6.9 Renewable and Nonrenewable Resources <u>Lab:</u> Archaeology Dig	Components of the Atmosphere 6.14 Weather Changes Cycles, Forecast, Fronts, Air Masses <u>Technology:</u> Laptop tracking of weather fronts 6.7 Accuweather.com <u>Power points</u> Physical Science Chemistry Physical and Chemical Properties/ Changes 6.8 <u>Lab:</u> Measuring Matter Atoms Atom Models Project Valence Electrons Bubble Gum Chemistry Bubble Solutions Litmus Test	Physical Science unit continued from 4th six weeks.6.7, 6.8 6.6 Forces and Motion <u>Lab:</u> Motion and Speed in a Funnel Marble Rolling 6.8/6.9 Energy <u>Technology:</u> <u>Power points</u> Review for TAKS Test	Distribution of Environmental Energy 6.8, 6.9 Ecosystems Food Chains/Food Webs Biomes 6.12 <u>Lab:</u> Owl Pellets 6.5 Space Technology 6.13 Solar System <u>Lab:</u> Space Program Timeline <u>Technology:</u> <u>Power points</u>
<u>Lab:</u> Construct animal Cell Egg Drop Comparing Magnifying Instruments Observing human Cells Observing onion Cells <u>Technology:</u> Discovery Education power points Interactive Hurricane tracking/mapping Six Weeks Test <u>Lab – Weekly/not all lab activities shown</u> <u>On-going objectives:</u> 6.1A- Lab Safety 6.2 – Scientific Inquiry 6.3 – Scientific Problem Solving 6.4 Utilizing equipment	<u>Technology:</u> Laptop/Internet tracking of world earthquake activity & Power points <u>Lab:</u> Rock Cycle <u>Lab:</u> Testing Hardness Igneous, Sedimentary, Metamorphic Rocks <u>Lab:</u> Classifying Minerals <u>Lab:</u> Using a Balance <u>Lab:</u> Geology Cupcake Six Weeks Test	Semester Test Six Weeks Test 	Six Weeks Test	Six Weeks Test	Six Weeks Test Post Test Sixth Grade Level
The Objectives are only a guide and may not be taught during the six weeks listed.					