

## 6th grade Science Lesson Plans

3<sup>rd</sup> 6 weeks - Week 1

The Big Idea:		Unit:		Topic(s):	
The solar system is made up of the sun and the objects that are held in orbit by its gravitational force.		Earth & Space Systems		Gravity: Mass vs Weight and begin Solar System Model	
DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	
Engage, Explore	Explore/Explain	Elaborate	Evaluate	Engage, Explore	
TAKS: 5 TEKS: 6.6A, 6.13A	TAKS: 5 TEKS: 6.6A, 6.13A	TAKS: 5 TEKS: 6.6A, 6.13A	TAKS: 5 TEKS: 6.6A, 6.13A	TAKS: 5 TEKS: 6.5A, 6.13A	
Overview: Relating Gravity to Mass and Weight-Problem Solving Task Part I and Part II.	Overview: Finish lab from Day 1.  Read <i>Gravity: a pulling force</i> . Read, discuss, and complete T-chart.	Overview: Complete <i>Weight: A changing physical property</i> . Students work individually to complete data table and answer the questions. Compare and discuss answers when finished.	Overview: Read <i>Gravity, Mass &amp; Distance</i> and answer 10 M/C questions.	Overview: Engage: Practice reading metric measurements on a ruler.	
Begin Explore lab: Mass vs. Weight	BLM 3 TE 70 - 71 SE 92 - 94	BLM 4 TE 71 - 72 SE 94 - 95	TE 72 SE 96 - 98	Explore: *One to two day Activity* Working in small groups, students will construct a scale model of the distance between objects in the solar system.	
BLM 1 - 2 TE 69 - 70 SE 90 - 91				BLM 5 - 6 TE 73 - 74 SE 99 - 101	