6th grade Science Lesson Plans

3rd 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 TAKS: 5 TEKS: 6.6A, 6.13A Overview: Relating Gravity to Mass and Weight-Problem Solving Task Part I and Part II. Begin Explore lab: Mass vs. Weight BLM 1 – 2 TE 69 – 70 SE 90 - 91	Explore/Explain TAKS: 5 TEKS: 6.6A, 6.13A Overview: Finish lab from Day 1. Read *Gravity: a pulling force*. Read, discuss, and complete T-chart. BLM 3 TE 70 - 71 SE 92 - 94	Elaborate TAKS: 5 TEKS: 6.6A, 6.13A Overview: Complete *Weight: A changing physical property*. Students work individually to complete data table and answer the questions. Compare and discuss answers when finished. BLM 4 TE 71 - 72 SE 94 - 95	Evaluate TAKS: 5 TEKS: 6.6A, 6.13A Overview: Read *Gravity, Mass & Distance* and answer 10 M/C questions. TE 72 SE 96 - 98	Engage, Explore TAKS: 5 TEKS: 6.5A, 6.13A Overview: Engage: Practice reading metric measurements on a ruler. 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 5 – 6 TE 73 – 74 SE 99 - 101