



MONROVIA UNIFIED SCHOOL DISTRICT
2011-2012 INSTRUCTIONAL PACING GUIDE
 "High achieving students through a world class education"

6th Grade Earth Science

*M.S. Sci. & Soc.Sci. - 6 wk (benchmark @ 9 wk)

Department	Science
Course Name	Earth Science
Grade Level	6 th
Instructional Reference Material(s)	Holt Earth Science (6 th grade)

Grading/Benchmark Term	Standard	Topic & Resource Reference	Major Activities (tests, projects, tests, reports, performances)	Common Vocabulary (Content & Academic)	Standard Academic Vocabulary	Differentiation Intervention (Skills level, SDAIE)	Other Information
TERM #1 (6 weeks)	- Investigation and Experimentation 6.7 a, b, d, e, - Heat 6.3 c	Introduction to Earth Science and Lab Safety Chapter 1: The Nature of Earth Science - Sections 1, 2, 3 Tools of Earth Science Chapter 2: Tools, Measurements & Mapping Sections 1, 4 Heat Chapter 3: Systems and Cycles Sections 1, 2, 3 (Additional Reference: Chapters 13.1, and 13.2, and 14.2)	Introduction - 3x5card – How can you fit though this? Introduces Scientific Methods - Quick Lab – Using Curiosity to make Predictions (Penny Lab) page 9 - Current Science in the News – Read and Discuss - Critiquing the News page 12 - Teaching Lab Write Ups Tools of Earth Science - Quick Lab – see yourself - Topography treasure map Maps - Quick Lab – Modeling Topography (page 66) - Lab – Topographic Tuber (page 70) - Compare Topographic Map on Page 67 with pretty picture from Yosemite. Heat - Quick Lab – Modeling Convection (page 102) - Convection Current demo with hot and cold water – 2 Gatorade bottles with an index card - Convection Currents Lab – Spin a cap with your body heat	Ch. 1 Skepticism Scientific literacy Scientific methods Hypothesis Data Controlled experiment First aid Ch. 3 Crust Mantle Core Convection Convection current Temperature Heat Thermal energy Conduction Radiation	Ch. 1 Communicate Investigation Evidence Interpret Sequence Phenomenon Identify Ch. 2 Meter Area Mass Volume Temperature Legend (p. 59) scale Ch. 3 Layer Energy Transfer Source Cycle primarily		Note: Standards 6.7 c and h are ongoing throughout the year.