

Unit 1 - Scientific Literacy

	Unit 1 Day 1	Unit 1 Day 2	Unit 1 Day 3	Unit 1 Day 4	Unit 1 Day 5
Objective	2.1.2 Make Predictions Based on Data & Observation Accurately measure distance, mass, volume, and density – including mathematical calculations	2.1.2 Make Predictions Based on Data & Observations Identify SI units and make accurate conversions in the metric system Investigate natural phenomena using the scientific method	2.1.2 Utilize Various Maps Utilize latitude and longitude coordinates Read and understand topographic maps	2.1.2 Utilize Various Maps Read and understand topographic maps	2.1.2 Make Predictions Based on Data 2.1.2 Utilize Various Maps
Quiz/Test					Unit 1 Quest
Skill Building	Warm-up: Intro Scavenger Hunt Introduction: handouts, lab safety, website, study guides Notes: Environmental Science & The Scientific Method Activity: Metric Olympics	Warm-up: Experimental Design Activity: Metric Olympics (<i>finish</i>) Notes: Conversions & Measurements w/ Practice Lab: Design & Set-up Algae Lab Media Evaluation: Scientific Method Articles & Qs	Warm-Up: Metrics Notes: Topographic Maps w/ Practice Lab: Topographic Mapping Activity: Mapping Practice	Warm-up: Mapping Activity: Formative Assessment Discussion: Study Guide Questions Review: Kahoot	Warm-up: Review Assessment: Unit 1 Quest Media Evaluation: Journey to the Center of the Earth Articles & Qs
Handouts & Materials	Syllabus Outside Permission Form Lab Safety Form Measuring Tools	Conversion Practice Sheet Articles & Questions Lab sheets (Algae Growth) Clear cups w/ lids Beakers Fertilizer, laundry soap, acetic acid Sharpies	Topo Map Worksheets Lab sheets (Topo Mapping) Playdoh floss/fishing line	Formative assess. Sheets	Quest Copies Scantrons
Homework:	Signed Forms Unit 1 Study Guide: Vocab 1-9, Questions 1-3	Unit 1 Study Guide: Vocab 10-16, Questions 6-10, Add. Practice 3-5	Finish Unit 1 Study Guide: Questions 4-5 & Add. Practice 1-2 Finish Topographic Map Lab Qs	Study for Quest	Unit 2 Study Guide: Vocab 1-10
Due Dates:			Signed Forms	Topographic Map Lab Unit 1 Study Guide	