

5th Grade Science Curriculum Syllabus, 2010-2011

Week	Date	Classroom and Homework	Reinforcement	Science Lab Possibilities	Lab Materials & AV
0	Sept. 1-3			Introduce Sci. lab & museum rules, moving to stations, using sinks, teams of 2 or 4 - Begin Weather Watchers	
1	Sept. 6-10	Unit B Water On Earth Chapter 4: Water Resources Lesson 1: Where Is Earth's Water? Read p. 105-109, 112-117 Do p.117 Reading Review & Test Practice Read Extreme Science p. 118, 119	Study Guide - Main Idea p. 34, 35 Study Guide - Science Vocabulary p. 36 Study Guide - Support Vocabulary p. 37	Directed Inquiry: Dividing Up Earth's Water p. 110-111 Express Lab Card 9: Model Earth's Usable Water	6 1L bottles, marker, tape, cylinder, blue food coloring, calculator, eye dropper graph paper, scissors, crayons
2	Sept. 13-17	Lesson 2: How Do Communities Get Water? Read 122-127 Do p. 127 Reading Review & Test Practice Read Focus on Technology: p. 128-129	Study Guide - Main Idea p. 38, 39 Study Guide - Science Vocabulary p. 40 Study Guide - Support Vocabulary p. 41	Finish Into Thin Air	
		Lesson 3: How Can Fresh Water Be Used Wisely? Read p. 130-137 Do p. 137 Reading Review & Test Practice	Study Guide - Main Idea p. 42, 43 Study Guide - Science Vocabulary p. 44 Study Guide - Support Vocabulary p. 45	Directed Inquiry: Water from the Ground p.120-121 Express Lab Card 10: Build an Aqueduct	plastic shoe box, sand, wax paper, clay, scissors, 2 straws, small plastic cup pan, clay, water
3	Sept. 20-24	Read and Do: Links for Home & School, People in Science p. 138-139 Study and Review for test Do p. 140-141 Chapter 4 Review & Test Practice #1 - 20 Test on Chapter 4: Unit Resource Folder p. 101-104 National Geographic Video: Salty Water	Unit Resource Folder p. 87 Take-Home Activity: Conserving at Home	Directed Inquiry: Saving Water p. 130-131 Express Lab Card 11: See How Quickly a Gallon Empties; Begin Mini Water Treatment Plant	paper, pencil empty gallon jug, stopwatch
				Make the paper model Clean dirty water with Mini Water Treatment Plant from AIMS	
4	Sept. 27-Oct.1	Chapter 5: The Water Cycle Lesson 1: How Does Water Change State? Read p. 142-145, 148-151 Do p. 151 Reading Review & Test Practice Lesson 2 How Does Precipitation Form? Read p. 154-159 Do p. 159 Reading Review & Test Practice	Study Guide - Main Idea p. 46, 47 Study Guide - Science Vocabulary p. 48 Study Guide - Support Vocabulary p. 49 Study Guide - Main Idea p. 50, 51 Study Guide - Science Vocabulary p. 52 Study Guide - Support Vocabulary p. 53	Activity: Getting Fresh Water from Salt Water evap., condense water with lamps or start with ice do in place of Dir. Inquiry: Ice Melt p.146-147 Activity: Water Water Everywhere	alcohol lamp, pie pan, test tube holder, test tube, ice, can, clothes pin, matches, salt, graduate, water, small plastic cup, zip-top, plastic bag, light, grease pencil
				Express Lab Card #12: Create Condensation Activity: Salt Water Fresh Water Independent Inquiry: Going in Circles p. 142 l, j Model the water cycle	hand mirror, plastic bowl, hot water, salt, spoon, 8 cotton swabs, small glass jar, plastic wrap, large rubber band, medicine cup with ice, grease pencil, measuring cup, plastic container, plant, soil, plastic wrap, rubber band, water, grow lights