

Subject: Regular Physical Science

Topic	QCC Objectives	Prioritization	Time	Resources	Activities	Evaluation
The Nature of Science 1.1 Methods of science 1.2 Standards of Measurement 1.3 Communicating with Graphs Lab equipment and safety	PS 1 Uses science process skills in laboratory or field investigations, including observations, classification, communication, metric measurement, prediction, inference, collecting and analyzing data.	Essential	15	-Text, Ch 1 (Glencoe Physical Science) -T/M handouts -Selective Chapter resources -Lab equipment -Dept. Video -"Science Lab Safety"# 147 VC 833 - "Scientific Method" # 147	-Lecture/note/discussion: Scientific Method, Theories and Laws, metric measurement, temperature, scientific notation, Graphs, Lab equipment and Safety - Ch 1 Vocabulary -Chapter 1 Resource Book Scientific Method (p 27) Standards of Measurement (p 28) Lab: Pencil Density (p 3) Communicating w/ graphs (p 29) Lab: Independent/dependent variables w/ graph (p 13) - Scientific notation practice -Temperature Conversions -Illustrate Lab Equipment -Demonstrate Lab Safety - Selected questions from chapter (incl. Section assessments/Ch 1 assessment) -EOCT Review and Practice(pp 8-11)	-Ch 1 Test -Lab Equipment and Safety Test -Lab assessment -Problem assessment
	PS 1.1 Designs and conducts a scientific experiment that identifies the problem, distinguishes manipulated, responding and controlled variables, collects, analyzes and communicates data, and makes valid inferences and conclusions	Essential				
	PS 1.2 Evaluates procedures, data and conclusions to determine the scientific validity of research	Important				
	PS 3.1 Learns and uses safety procedures specific to an investigation or research activity	Important				
PS 5 Quantifies mass, weight, volume, density, conductivity, and temperature as physical properties of objects in the learner's environment	Essential					