

CONNALLY INTERMEDIATE
5th Grade Science
2008-2009 5th grade Lesson Plans

Main focus is to establish classroom and laboratory management techniques that will set the tone for a successful science experience

OBJECTIVE 1: The student will demonstrate an understanding of the nature of science.

Scientific Processes. The student conducts field and laboratory investigations following home and school safety procedures and environmentally appropriate and ethical practices.

(5.1A) The student is expected to demonstrate safe practices during field and laboratory investigations

(5.2A) The student is expected to plan and implement descriptive and simple experimental investigations including asking well-defined questions, formulating testable hypotheses, and selecting and using equipment and technology. (Scientist use many methods in their research. Students should learn a variety of methods to solve problems and make sense of the world.)

(5.2B) The student is expected to collect information by observing and measuring (Teachers should give students the opportunity to work with thermometers, balances, and measuring cups)

(5.2C) The student is expected to analyze and interpret information to construct reasonable explanations from direct and indirect evidence.(Students should be able to use evidence to evaluate the strengths and weaknesses of a scientific explanation of a given phenomenon)

1st six weeks: Week 1

Date	Objective	TEKS	Activity	Materials	Assignments	Curriculum source	Alternate Activities
Mon Aug 25	Classroom orientation	5.1	<u>Bell ringer (BR): "analyze"</u> 1. Class procedures power point-take notes on class info sheet(put in homework folder) * Physically practice procedures 2. Go over Science Contract	Textbooks, class procedures power point, ----- 1. Class info sheet (teacher created) 2. Science Contract (SS Intro Day 1)	1. Notes-class info sheet 2. Science Contract-parent and student signatures required	1. Science Select (Intro Day 1)	
Tues Aug 26	Set up science journal	5.1	<u>BR: "classify"</u> . Give overview of class curriculum *Pass out textbooks-have students fill out textbook quiz *students need to have covered by Tues 2. What does a scientist look like? (draw on journal page 5, discuss similarities & misconceptions, look in mirror)	1. Textbook Quiz (teacher created) 2.mirrors in envelopes labeled "This is what a scientist looks like"	1. Textbook quiz 2. Draw what a scientist looks like	- 2. ESC workshop	