

**RIDGECROFT SCHOOL
GRADE K SCIENCE**

PACING GUIDE

TOPICS/CONCEPTS	TIME	CURRICULUM OBJECTIVES	RESOURCE(S)
FIRST GRADING PERIOD			
PROPERTIES OF COMMON OBJECTS	30	3.01, 3.02, 3.03, 3.04, 3.05	AIMS Module: Sense-able Science
SECOND GRADING PERIOD			
SOLID EARTH MATERIALS	30	2.01, 2.02, 2.03, 2.04, 2.05	AIMS Module: Primarily Earth + kit
THIRD GRADING PERIOD			
TOOLS AND MEASUREMENTS TO INCREASE ABILITY TO DESCRIBE THEIR WORLD.	30	4.01, 4.02, 4.03, 4.04, 4.05	STC Kit: Compare and Measure
FOURTH GRADING PERIOD			
TOOLS AND MEASUREMENTS TO INCREASE ABILITY TO DESCRIBE THEIR WORLD.	30	4.01, 4.02, 4.03, 4.04, 4.05	STC Kit: Compare and Measure
FIFTH GRADING PERIOD			
TOOLS AND MEASUREMENTS TO INCREASE ABILITY TO DESCRIBE THEIR WORLD.	30	4.01, 4.02, 4.03, 4.04, 4.05	STC Kit: Compare and Measure
SIXTH GRADING PERIOD			
SIMILARITIES AND DIFFERENCES IN ANIMALS	30	1.01, 1.02, 1.03, 1.04, 1.05	AIMS Module: It Must be a Bird

8/1/06

GOALS AND OBJECTIVES

NOTE: The goals and objectives for Grades K-5 science are based on a recluster of the NC Standard Course of Study.

<p>GOAL 1: The learner will make observations and build understanding of similarities and differences in animals</p> <p>1.05 Observe and describe the similarities and differences among animals including: (structure, growth, changes, movement)</p> <p>1.02 Observe how animals interact with their surroundings.</p> <p>1.03 Observe the behaviors of several common animals.</p> <p>1.04 Demonstrate how to care for a variety of animals.</p> <p>1.05 Observe the similarities of humans to other animals including: (basic needs, growth and change, movement)</p>	<p>GOAL 2: The learner will make observations and use student-made rules to build an understanding of solid earth materials.</p> <p>2.01 Describe and sort a variety of earth materials based on their properties: (color, hardness, shape, size)</p> <p>2.02 Describe rocks and other earth materials in more than one way, using different student-made rules.</p> <p>2.03 Observe the various components that combine to make soil.</p> <p>2.04 Compare the components of soil samples from different places.</p> <p>2.05 Explore where useful earth materials are found and how they are used.</p>	<p>GOAL 3: The learner will make observations and build understanding of properties of common objects</p> <p>3.01 Observe and describe the properties of different kinds of objects (clay, wood, cloth, paper, other) and how they are used.</p> <p>3.02 Develop and use a vocabulary associated with the properties of materials: (color, size, shape, texture)</p> <p>3.03 Describe how look, feel, smell, taste, objects and sound using their own senses.</p> <p>3.04 Observe that objects can be described and sorted by their properties.</p> <p>3.05 Identify some common objects and organisms that are considered to be natural resources in our world.</p>	<p>GOAL 4: The learner will use appropriate tools and measurements to increase ability to describe their world.</p> <p>4.01 Describe how tools can be used to make comparisons.</p> <p>4.02 Observe and describe how various tools and units of measure are useful: (scissors, pencils, crayons, paper clips, hammers)</p> <p>4.03 Use nonstandard units of measure to describe and compare objects.</p> <p>4.04 Demonstrate the use of standard units of measure and compare with nonstandard units of measure. (teacher demonstration)</p> <p>4.05 Demonstrate that standard units of measure produce more consistent results than nonstandard units, allowing information to be shared. (teacher demonstration)</p>
--	---	---	---

(3/2006)