State Goal	State Objective	Essential Question	Learner skills - e.g. "explain", "compare", "interpret". Can have more than 1 skill per box	Content - e.g. chapter, unit, section	Activities	Assessments	Week Started	Technology	Notes	Grade Level	Course	State Prefix
1.1: Understand Systems, Order, and Organization	1.1.1 Explain that a system consists of an organized group of related objects that form a whole. (588.01.a)	How do the skeletal and musular systems work? How do the respiratory and circulatory systems work? How do the nervous and digestive systems work? What are systems? What makes up an ecosystem?	Know- the basic parts that make up the whole body, how the sketetal and muscular systems work, what breathing does for the body, how the nervous system controls all the body systems, what the digestive system does for the body----what makes up a system, the basic parts of an ecosystem, how the living things in ecosystems are organized	Human Body Systems: A86-112 Ecosystems: B2-10	Investigate: Muscle Tissues A88, Breathing Rates A94, The Sense of Touch A100; Chapter concept notes, and seat work papers/ Ecosystems: The Homes and Roles of Living Things	Human Boby Systems- Chapter Test AG 19-21	Quarter 1	Newsroom Video, science activity video		4	Life Science	4.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.1 Make and record observations then analyze and communicate the collected data. (588.02.a)	How are plants classified?	Describe the two main groups of plants. Give examples of vascular and nonvascular plants.	Unit A, Lesson 3 Pg. A16	Investigate: Plant Stems pg. A16-17	WB 10 and 11 Collect data and presentation to the class	Quarter 1	Science Activity Video, www.harcourtschools.com		4	Life Science	4.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.2 Define observations and inferences. (588.02.b)	What makes up Earth's Atmoshere?	Observe a property of air and then infer whether air is matter.	pgs. D4-D5	Investigate: A Property of Air D4-5	WB 142-143	Quarter 3	Science Activity Video		4	Earth Science	4.S.
1.2: Understand Concepts and Processes of Evidence, Models, and Explanations	1.2.3 Make, describe and/or use models. (588.02.c)	How are animals classified?	Identify the two main groups of animals, describe how verebrates and invertebrates differ (give examples)	Classifying Living Things A2-21	Investigate: Building a Model Backbone A10, notes, seat work	Lesson concept review- WB9 & WB 13, activity observation	3.1.3 Quarter 1	Newsroom Video		4	Life Science	4.S.
1.3: Understand Constancy, Change, and Measurement	1.3.1 Describe how changes occur and can be measured. (588.03.b)	What kinds of changes occur in ecosystems? How do people change ecosystems? What is conservation?	Know- how ecosystems change, how changes effect ecosystems, how people effect ecosystems, ways people can save natural resources	Protecting Ecosystems B66-B89	Investigation: Changes in a Pond B68, Cleaning Up Pond Pollution B76, Chapter Notes, seat work	Chapter Test AG 25-27, Assessment WB 6, WB 65	Quarter 2	Newsroom Video, science activity video		4	Life Science	4.S.
1.3: Understand Constancy, Change, and Measurement	1.3.2 Measure in both U.S. Customary and International System of Measurement (metric system) units. (588.03.c)	(covered in Saxton Math lessons)								4		4.S.