Grade 1 Curriculum Map					
Earth Science: Weather - Carolina					
Key concepts	**Standards**	**Assessments**	**Content**	**Skills**	**Lessons**
Students will understand …		Students will demonstrate their learning by ….	Students will know …	Students will be able to …	
the characteristics of weather	**S.3.D.2.1.1**	*Class Web *Record sheets *Teacher observation *Clouds poster	**the different types of clouds.**	*identify and describe cloud types (e.g. cumulus, cirrus, stratus, etc.).	Lesson 13 Lesson 14
	S.3.D.2.1.1	*Chart *Class Web		*explain connections between weather conditions and cloud types.	Lesson 13 Lesson 14
	S.3.C.1.1.3	*Recording observations	**the three states of water in the environment.**	*identify water as a solid, liquid and gas in the water cycle.	Lesson 11
	S.3.C.1.1.4	*Recording data *Note-booking *Teacher observation		*explain how water changes state (e.g. melting, freezing, condensation, evaporation).	Lesson 11
	S.3.D.2.1	*Discovery Sheet *Note-booking *Teacher observation		*identify and describe different types of precipitation.	Lesson 3
	S.3.D.2.1.3 **S.3.A.2.2.1**	*Predictions *Drawings *Note-booking *Teacher observation *Record Sheets	**d weather data.**	*collect data using a variety of tools (observations, thermometers, wind gauge, rain gauge, etc.).	Lesson 1 Lesson 2 Lesson 4 Lesson 5 Lesson 7 Lesson 8 Lesson 10

		*Graphing temperatures and rainfall *Charts	and understan	*chart data over a period of time.	Lesson 3 Lesson 7 Lesson 10 Lesson 16
	A.3.A.2.1.2	*Writing predictions and explainations		*make predictions based on patterns from data.	Lesson 9 Lesson 15
Physical Science: Solids and Liquids - Carolina					
Key concepts	**Standards**	**Assessments**	**Content**	**Skills**	**Lessons**
Students will understand …		Students will demonstrate their learning by ….	Students will know …	Students will be able to …	
	S.3.C.2.1.1		**that matter can exist as a solid or liquid.**	*observe the transition between solids and liquids.	
	S.3.C.1.1.3	*Venn Diagram *Charts *Record Sheets *Teacher Observation		*investigate, sort, and compare properties of solids and liquids.	Lessons 1 - 5 Lessons 7 - 10 Lessons 12 - 16
		*Charts		*find beginning and end points.	Lesson 4 Lesson 6

properties of matter		*Teacher Observation *Charts	**that objects can be compared and measured.**	*place objects in order based on height/length.	Lesson 2 Lesson 5
		*Venn Diagram *Charts		*investigate objects that float and sink.	Lesson 6
	S.3.A.2.2			*use standard and non-standard units of measurement.	Lesson 4 Lesson 5
		*Venn Diagram *Charts *Record Sheets		*organize information using graphs and charts.	Lessson 1 Lesson 3 Lesson 5 Lesson 7 Lesson 9 Lesson 10 Lesson 12 Lesson 16
		*Venn Diagram *Charts		*interpret graphs and charts.	Lesson 1 Lesson 3 Lesson 7
		*Record Sheets *Teacher Observation	**that change results from mixing substances.**	*observe/describe changes between substances.	Lesson 14 Lesson 15
Life Science: Organisms - Carolina					
Key concepts	**Standards**	**Assessments**	**Content**	**Skills**	**Lessons**
Students will understand …		Students will demonstrate their learning by ….	Students will know …	Students will be able to …	

that characteristics of living things help to identify and classify them	**S4.B.1.1** **S4.B.3.1**		**that organisms can be grouped based on their characteristics.**	*group organisms based on the structure and function of their parts.	Lesson 1
	S.3.B.1.1.1			*identify ways organisms' structure and function of their parts relate to their behavior.	Lesson 2 Lesson 3
	S.3.B.3.1			*compare and contrast behavior of different organisms.	Lesson 4 Lesson 8 Lesson 10 Lesson 13 Lesson 14 Lesson 15 Lesson 16
	S.B.3.1		**the basic needs of living things.**	*investigate the dependence of living things on the sun's energy.	Lesson 6
	S.3.B.1.1			*investigate the dependence of living things on water, food/nutrients, and air.	Lesson 5 Lesson 7 Lesson 9
	S.3.B.3.1.2			*investigate the dependence of living things on living space and shelter.	Lesson 11 Lesson 12

	S.3.B.1.1.3		**similarities and differences of terrestrial and aquatic habitats.**	*compare needs, behaviors, and changes of organisms in various habitats.	Lesson 11 Lesson 12
	S.3.B.3.1			*construct a simple model (e.g. diorama) showing an organism within its habitat.	Lesson 17