

## North Carolina Science Standard Course of Study & The GLOBE Program, Grades K-5

<b>Grade Level</b>	<b>Competency Goal 1</b>	<b>Competency Goal 2</b>	<b>Competency Goal 3</b>	<b>Competency Goal 4</b>
K	The learner will build an understanding of similarities and differences in plant and animals.	The learner will build an understanding of weather concepts.	The learner will build an understanding of the properties/movement of common objects and organisms.	The learner will increase his/her understanding of how the world works by using tools.
GLOBE	Biology/Land Cover	Atmosphere		all
1	The learner will build an understanding of the needs of living organisms.	The learner will build an understanding of solid earth materials.	The learner will build an understanding of the properties and relationships of objects.	The learner will build an understanding of the actions of objects.
GLOBE	Biology/Land Cover	Soils		

2	The learner will build an understanding of plant and animal life cycles.	The learner will build an understanding of changes in weather.	The learner will build an understanding of changes in properties.	The learner will build an understanding of concepts of sound.
GLOBE	Biology/Land Cover	Atmosphere	Hydrology	
3	The learner will build an understanding of plant growth and adaptations.	The learner will build an understanding of soil concepts.	The learner will build an understanding of the Earth/Sun/Moon system.	The learner will build an understanding of light and heat concepts.
GLOBE	Biology/Land Cover	Soils	Atmosphere	Atmosphere, Hydrology, Soils
4	The learner will build an understanding of animal growth and adaptations.	The learner will build an understanding of the composition and uses of rocks and minerals.	The learner will build an understanding of the electricity and magnetism.	The learner will build an understanding of technological designs.

GLOBE		Soils		all
5	The learner will build and understanding of the interdependence of plants and animals.	The learner will build an understanding of forms and sources of energy.	The learner will build an understanding of landforms.	The learner will build an understanding of weather and climate.
GLOBE	Biology/Land Cover	Soils, Hydrology, Atmosphere	Soils	Atmosphere, Hydrology
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