

## North Carolina Science Standard Course of Study & The GLOBE Program, Grades 6-8

<b>Grade Level</b>	<b>Competency Goal 1</b>	<b>Competency Goal 2</b>	<b>Competency Goal 3</b>	<b>Competency Goal 4</b>
6th	The learner will build an understanding of the lithosphere.	The learner will investigate the characteristics of matter and energy flow through an ecosystem.	The learner will build an understanding of the Solar System.	The learner will investigate the characteristics of energy transfer.
GLOBE	Soils	Biology/land cover, Atmosphere	Atmosphere	Atmosphere
7th	The learner will build an understanding of the atmosphere.	The learner will build an understanding of cell theory.	The learner will build an understanding of heredity and genetics.	The learner will build an understanding of the general properties and interactions of matter.
GLOBE	Atmosphere			Hydrology, Soils

8th	The learner will build an understanding of the hydrosphere.	The learner will build an understanding of population dynamics.	The learner will build an understanding of evidence of change or constancy in organisms and landforms over time.	The learner will build an understanding of motion and forces.
GLOBE	Hydrology		Soils	