



Louisville Public Schools
Course Description-- Updated 2013

Name of Course:	
Suggested Grade Level:	9th, 10th, 11th, 12th
Term (Quarter/Semester/ Year)	Semester
Suggested Prerequisites: (If any)	Recommended Physical Science

Summary of the Course
Earth Science provides an opportunity for a student to engage in topics concerning mapping of the Earth, matter and minerals, rocks and rock cycles, changes of the surface and interior of a dynamic Earth, and the forces that drive these changes. Earth science will also examine Earth's climate and weather, the origins and evolution of the Earth, as well as investigations into the universe.
Learner Indicators
Students will identify the factors that cause and influence the weather on Earth.
Students will discuss the early Earth and how the Earth has changed over time.
Students will understand the life cycle of stars and how that relates to the formation of the elements found on Earth.
Students will describe the formation and the types of galaxies seen in the universe.
Students will recognize different rocks and minerals that make up the Earth's crust and explain how each is formed.
Students will demonstrate how to use a variety of different maps and describe the differences in each type of map.