



DENVER INNER CITY PARISH

Empowering People. Building Community. Saving Lives.

La Academia Earth Science Standards

I will understand, be able to describe, or complete the following:

ONGOING SCIENCE & TECHNOLOGY

- ☐ The nature of science
- ☐ Observation and science communication
- ☐ Research: data collection and analysis
- ☐ Development of technical skills
- ☐ Scientific citations
- ☐ Graphic representations and interpret science articles
- ☐ Basic use of mathematics to create a graph
- ☐ Create graphs in Excel to analyze or represent data

EARTH SCIENCE CONCEPTS

- ☐ The composition and movement of the universe (Newtonian orbits, life of a star, Big Bang theory, planets)
- ☐ Origin, formation, and changing of matter (essential elements, rock cycle, convection currents)
- ☐ Nutrient cycles (nitrogen, water, and carbon)
- ☐ Biomes of the earth
- ☐ Climate change
- ☐ Human impact on the environment (biodiversity and its decline, food webs and chains, availability and conservation of natural resources)
- ☐ Concept of sustainability and identify examples