

WELCOME TO EARTH SYSTEMS 9

Mrs. Birkett, Room 108

Fall and Spring Semester



OVERVIEW: Earth Systems Science is the study of how the geological, chemical, and biological components of Earth work together in order to maintain a sustainable system. In this course we will investigate how the five spheres of Earth (geosphere, biosphere, cryosphere, hydrosphere, and atmosphere) affect one another in our everyday worlds!

Units of Study:

Unit 1: Earth's Climate

Unit 2: Earth's Weather

Unit 3: Earth's Structures and Processes (Geologic time)

Unit 4: The Universe

Materials:

School issued iPad

1 folder with pockets, or 3 ring binder

Colored pencils

Scientific calculator (not needed every day)

Grading for Learning:

Tests and Projects: **90% Summative**

Classwork and Homework: **10% Formative**

Responsibility grades

Class Expectations:

*Be on time!

*Be prepared!

*Be respectful and responsible!

