

WELCOME TO EARTH SYSTEMS 9

Mrs. Birkett, Room 108

Fall and Spring Semester



Overview

Earth Systems science is the study of how the five spheres of Earth (geosphere, hydrosphere, atmosphere, biosphere, cryosphere) work together to maintain a sustainable system. In this semester course you will participate in the discovery of how these systems affect one another through meteorology, geology, and astronomy.

Units

Unit 1: Earth Systems (Atmosphere and Climate)

Unit 2: Earth Structure and Process (Plate Tectonics)

Unit 3: Earth Structure and Process (The Rock Record)

Unit 4: Astronomy (The Ancient Universe and the Future of Astronomy)

Materials for Class

1 3-ring binder with pockets (to hold notes and returned assignments)

Loose leaf paper or spiral notebook

Pen or pencil (no red or pink ink please)

Scientific calculator (not needed every day)

Colored pencils (not needed every day)

Grading

Test and Projects:	90% of quarter grade (Summative)
Classwork and Homework	10% of quarter grade (Formative)
Responsibility Grade	Students will receive a score of 1-4

Class Expectations

*Be on time!

*Be prepared!

*Be respectful to those around you!

Website

<http://hayfieldteachersbirkett.yolasite.com>