

## Holy Family Academy

**Earth and Life Science  
Course Syllabus 2017-18**

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### **Description:**

Welcome to Earth and Life Science. This class will introduce you to Earth Science and Biology. Our planet has a fascinating structure, many amazing living things, and is situated in a unique place in the universe. Let's enjoy the exploration!

### **Scope and Sequence:**

- **Astronomy**
  - Earth, Moon and Sun, Solar System, Stars, Galaxies, and the Universe
- **Inside Earth**
  - Plate Tectonics, Earthquakes and Volcanoes, Minerals and Rocks
- **From Bacteria to Plants**
  - Viruses and Bacteria, Protists and Fungi, Plants
- **Animals**
  - Sponges, Cnidarians, Worms, Mollusks, Arthropods, Echinoderms
  - Fishes, Amphibians, Reptiles, Birds, Mammals, Animal Behavior

### **Supplies:**

- 2 marble composition books (sewn-in pages)
  - one for daily class notes
  - one for labs
- 3-ring binder to save handouts and tests
- colored pencils for nature drawings and highlighting review notes
- pens (black/blue ink or 4-color pen) pencils

**Texts:** Prentice Hall Science Explorer books (4):

- Inside Earth, Astronomy, From Bacteria to Plants, Animals

### **Grading:**

10% Participation  
30% Homework  
15% Labs  
25% Tests  
20% Semester Exam

- Students should expect one-two written assignments per-week
- Students should expect reading to be assigned nightly
- Tests will follow the conclusion of each chapter and will include a review day