

Science

Living Environment

Regents Biology, "Living Environment," is a full year course consisting of **40 weeks** of classroom discussion/activities. Information covering the *following* topics will be introduced daily during our classroom sessions. The unit topics are as follows:

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|---------------|--------------------------|---------------|--------------|
| Unit 1 | Nature of Life | Unit 5 | Genetics |
| Unit 2 | Cells | Unit 6 | Evolution |
| Unit 3 | Reproduction/Development | Unit 7 | Ecology |
| Unit 4 | Human Physiology | Unit 8 | Human Impact |

Earth Science

Welcome to Earth Science at Eagle! This is a **Regents course** that follows a rigorous New York State curriculum. You should expect to spend **at least 20 minutes** each night reviewing notes and completing homework. This course explores Earth from the inside out. We investigate how and why Earth is constantly changing and how Earth's major systems like the geosphere, hydrosphere, atmosphere, and biosphere interact

Semester Timeline:

| Unit | Time Frame | Essential Question | Types of Assessment |
|-----------------------|--------------------------------|---|---|
| 1: Maps & Measurement | September – Middle October | How do we explain, model, and measure changes on and above Earth's surface? | <ul style="list-style-type: none"> • Quizzes • Labs • Homework • Class discussion • Classwork • Binder check |
| 2: Dynamic Earth | Middle October – Late November | How do processes in the geosphere result in changes to Earth's surface? | <ul style="list-style-type: none"> • Quizzes • Labs • Homework • Class discussion • Classwork • Binder check |
| 3: Rocks & Minerals | Early December – Late December | How do rocks and minerals give us insight into an area's past environment? | <ul style="list-style-type: none"> • Quizzes • Labs • Homework • Class discussion • Classwork/Binder Check |
| 4: Landscapes | Late January | How do interactions between the atmosphere, hydrosphere and geosphere result in changes to Earth's surface? | <ul style="list-style-type: none"> • Cumulative Midterm • Quizzes • Labs • Homework • Class discussion • Classwork/Binder Check |