

MIDDLE SCHOOL COURSE OVERVIEW

Course Title	Teacher
Grade 8 Science	Ms. Milone and Ato Zerihun Mr. Ralston and Ato Tesfaye

Course Description
All students take the same grade 8 science course. This course is based on NGSS (New Generation Science Standards) with a strong emphasis on inquiry and engineering.

Topics /Activities - Semester 1: August-December
<ol style="list-style-type: none"> 1. Chemistry 2. Biology 3. Ecology
Topics /Activities - Semester 2 : January-June
<ol style="list-style-type: none"> 1. Evolution 2. Earth and Human Activity 3. Earth Systems

Basis of Student Assessment and Grades
<p>Students will be assessed separately on their achievement and effort using the standards and benchmarks established by the school for this course.</p> <p>Typical assessments include:</p> <ul style="list-style-type: none"> • Projects • Design Challenges • Lab Reports • Quizzes and Tests

Effort and Attitude Expectations			
<table border="1"> <tr> <td>Commitment to Learning</td> <td>Collaboration and Respect</td> <td>Self-Management</td> </tr> </table> <p>Students are expected to demonstrate a commitment to learning by being inquisitive, driven by knowledge, and reflective. Students are expected to show collaboration and respect through effective communication, caring for others and for lab space, and by being open-minded. Students are expected to manage themselves in classroom by being balanced, courageous, and principled.</p>	Commitment to Learning	Collaboration and Respect	Self-Management
Commitment to Learning	Collaboration and Respect	Self-Management	

Required Materials
<ul style="list-style-type: none"> -Students should bring the blue paper agenda to class every day. -Students should bring their laptops (fully charged) to class every day. -Students should bring their binder with a section specifically for science, with all documents for the current unit, a complete table of contents, and paper to class every day.

Teacher Contact Details	Moodle Links
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