

| Exploring Science Syllabus 2019-2020 |

Course Description

This course will cover the basics of scientific inquiry, the process of doing science and the scientific method, and the concepts of chemistry and physics. These concepts will be taught using hands-on activities and experiments. This class covers Minnesota state academic standards in science and language arts for 7th and 8th grades.

Contact Information

Instructor: Mr. Jason Eldridge

E-mail: jelldridge@afsahighschool.com

Phone: 651-603-4340

Class Webpage: [Mr. Eldridge's Science Classroom](#)

- Visit the class web page for syllabus, class calendar, teacher info, classwork, and more!

Materials Needed

- Dedicated science notebook
- Pen or pencil
- Positive attitude
- Open mind

Course Outline

- Trimester 3
 - Matter
 - Particle movement
 - Waves
 - Forces and motion
 - Energy
 - Energy transfer
 - Earth and Space
 - Planetary motion
 - Orbital dynamics
 - Light speed
 - Science fiction examination

Homework and Late Work Policy

1. Work is expected to be completed in class. If there is a reason this cannot be accomplished, students MUST speak with Mr. Eldridge.
2. It is essential that all assigned work be completed and turned in. Late work will be accepted until the end of the trimester, but it is expected that all students do their best to meet expected deadlines.
3. Many assignments will take multiple days to complete. It is expected that students will bring all materials to class every day and not lose or misplace assignments.
4. Students who are absent must take the initiative to ask for and collect missing work and notes, as well as to be sure to understand any content covered during the missed days.

Grading Scale

Standards Based Grading Scale

- 4 - Advanced
- 3 - Meets expectations for target
- 2 - Partial mastery of target
- 1 - Little or no mastery

Classroom Expectations (Be AFSA!)

1. Be Respectful
 - a. Be in the room when the bell rings.
 - b. Be seated promptly and begin working on the Warm Up.
 - c. Tardiness as addressed in Student Handbook.
 - d. Treat others with respect.
 - e. Listen to each other.
2. Be Responsible.
 - a. Bring the materials you need to class.
 - b. Treat class, school, and other student property as if it were your own.
 - c. Do not bring food or drinks (other than H2O) to class.
3. Be Your Best
 - a. Stay on task.
 - b. Work hard.
 - c. Take responsibility for yourself.
 - d. Use appropriate language.
 - e. Plagiarism and copying will not be tolerated. Students who are found to be submitting work not belonging to them will be given no credit for that work. All students involved in copying will be penalized.

Syllabus Acknowledgement

I understand and will abide by the policies stated above. I will be accountable for my learning and responsible for my actions in this class. I will contribute positively to a classroom community where all students feel accepted and can learn.

Signed _____ (Student)

I have read the course syllabus and understand the class expectations. I will help facilitate my student's success and will contact the teacher with any feedback or concerns.

Signed _____ (Parent)