



Junior Division (12-14 year olds)

Physical Science: Wednesdays, 9:15-12:15

In this course, students gain an excellent foundation in the physical sciences through the study of forces, motion & energy; heat; particles of matter (intro to chemistry); interactions of matter (bonding, reactions, solutions); electricity & magnetism; waves, light, & sound.

Junior Division students tackle the challenge of more advanced scientific studies and increased responsibility. Students will be responsible to read and study between classes. Class sessions will focus on engaging labs, notetaking, and group activities to help students fully understand the material. Over the course of the year, students will present oral reports and complete an egg launcher challenge. They will have tests and quizzes, and grades are assigned.

Prerequisites: Students must be 12 or 13 on or by August 31, 2022. This class alternates years with Earth Science, so students can stay in the Junior Division for two years.

Student Requirements: Students are expected to complete about 4 hours of homework outside of class per week. They will complete tests and quizzes, projects, and writing assignments.

Parent Requirements: Parents may need to be involved with helping students stay organized and on track throughout the week.