HIGH SCHOOL CLASSES

SCIENCE

EARTH SCIENCE 9
Instructor: Mrs. Logan, klogan@ahsmail.com

Course Description: In this course, students will learn about the following subjects: air composition, atmosphere, properties of water, the hydrosphere, and layers of the Earth, Creation of the Earth, weather, physical motion, and Newton's laws of Motion, nature of waves, Light, and astrophysics. These topics will be taught through lecture, hands-on experiments and labs, assessments, and student-created reports and projects. In addition to being able to discuss their learning, students will demonstrate their understanding of these topics through producing a Science Fair project and creating a student notebook, an experiment lab book, and word studies. The most reliable way to receive specific information about course work, including topics and timing, is through Edline. For many students, the most challenging part of class is to create their Science Fair project and report. To support your student, please consider preparing your student to dedicate approximately three hours per week to the study of Earth Science through assignments, reports or study of the material.

Key Texts: Not specified.

Publishable or Significant Projects: Not specified.

Memorizations: Not specified.

BIOLOGY 10
Instructor: Mrs. Logan, klogan@ahsmail.com

Course Description: The major course topics that will be taught during this class are the following: definition of life, creation of life, purpose of life, different types of plants, animals, and other forms of life, their interactions and co-existence in the world. This will be taught through lecture, hands-on experiments and labs, assessments and student created reports and projects. In addition to being able to discuss their learning, students will demonstrate their understanding of these topics through a Science Fair project and creation of a student notebook, an experiment lab book, and word studies. The most reliable way to receive specific information about course work, including topics and timing, is through Edline. For many students, the most challenging part of class is to create their Science Fair project and report. To support your student, please consider helping students dedicate approximately three hours per week to the study of Biology through assignments, reports, or study of the material.

Key Texts: Not specified.

Publishable or Significant Projects: Not specified.

Memorizations: Not specified.

CHEMISTRY 11
Instructor: Mrs. Logan, klogan@ahsmail.com

Course Description: In this course, students will learn about the elements, interactions of the elements, chemical equations, and properties of chemical reactions through lecture, hands-on experiments and labs, assessments, and student-created reports and projects. In addition to being

able to discuss their learning, students will demonstrate their understanding of these topics by a Science Fair project and creation of a student notebook, an experiment lab book, and word studies. The most reliable way to receive specific information about course work, including topics and timing, is through Edline. For many students, the most challenging part of class is to create their Science Fair project and report, and master chemical equations. To support your student, please consider preparing your student to dedicate approximately four hours per week to the study of Chemistry through assignments, reports, or study of the material.

Key Texts: Not specified.

Publishable or Significant Projects: Not specified.

Memorizations: Not specified.

PHYSICS 12

Instructor: Mrs. Budge, cbudge@ahsmail.com

Course Description: Not specified.

Key Texts: Not specified.

Publishable or Significant Projects: Not specified.

Memorizations: Not specified.