

Academic General Science

Course Syllabus

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Course Description

Academic general science is a course that is designed to teach the use of scientific principles and skills that can be used to develop an understanding of the world around us. Students will be exposed to physical science concepts that are required to understand certain properties of materials and substances, interactions between objects, and rules governing new technologies. The course content will be presented through a variety of media, activities and lab experiences.

Course Outline & Content Covered

Properties of Matter
Chemical Reactions
Forces and Interactions
Energy
Waves and Electromagnetic Radiation

Required Supplies

Three-ring notebook
Pen and/or pencil
[Scientific calculator](#) (click the link for examples)

Assessment & Evaluation Philosophy

A student's grade should reflect their understanding of course content. Well-designed assessments enable students, parents, and teachers the ability to gauge student progress toward the stated learning goals, and develop plans to continually increase student understanding.

Our use of Assessment Will:

- Provide valuable information on where students have met and exceeded expectations, or where they need direction for improvement
- Engage students in the learning process by encouraging personal growth and reflection
- Provide students with multiple opportunities to demonstrate what they know and can do. Reassessment opportunities exist for unit assessments according to school policy. Reassessment conditions can be found in the course [Retake Agreement](#).
- Provide students with feedback to foster reflection and enable improvement

Course Grade Calculation

Unit Assessments - 75%

- Tests
- Summative Writing Assignments
- Culminating Projects

Concepts Assessments - 25%

- Quizzes
- Lab Work
- Classwork

Rules & Expectations

Be Conscientious and Responsible

- Keep an organized notebook
- Participate in class discussions and cooperative learning activities
- Ask questions if you do not understand
- Do your own work
- Get help as soon as you need it
- Come to school and remain in class as much as possible
- If you are absent, find out what you have missed during your absence

Be Punctual

- Arrive to class on time; if you are late you must have a signed pass.
- Hand in assignments on time. Assignments will be checked or collected during class. Anything handed in after that will be marked "late" in sapphire. Repeated missed assignments will result in before or after school detention.

Be Courteous

- Be respectful and courteous to others
- Follow all school, classroom, and laboratory rules

Be Prepared

- Bring necessary materials to class daily
- Have assignments completed and ready to hand in