



## Science Department Syllabus (2018-2019)

### Overview

The 7th and 8th grade science curriculum at Mar Vista Academy is based on the Next Generation Science Standards and the State of California Health Standards. Students will explore real-world science problems through inquiry and experimentation. Emphasis will be placed on collaborative lab work, science literacy, technology integration, and critical thinking skills.

	7th Grade	8th Grade
1st semester	Nature of science, molecules and matter, chemical reactions, cell energy processes	Diversity of life on earth, evolution of life on earth, engineering design process
2nd semester	Ecology, human impact, earth systems, natural disasters, health	Earth and the solar system, energy and waves, forces and motion

### Required Materials

- Science notebook
- Charged iPad
- Colored pencils & highlighters
- Pencils & pens
- Glue stick
- Binder with dividers and paper

### Grading

The science department will be using a mastery based grading model. You can monitor your child's progress through [www.jupitergrades.com](http://www.jupitergrades.com). Periodic emails will be sent home regarding progress; we strongly encourage you to provide a current email address to the school if we don't already have one on file.

### Intervention & Support

We believe that each student can and will meet minimum academic competencies at Mar Vista Academy. To strive for this, students will be assessed on the skills and knowledge taught in their science class. There are opportunities after school to re-teach, re-learn, and re-assess students who need additional support.

### Contact Information

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