

Grades 6, 7, 8 – Scope and Sequence Middle School Science

Structure and Method - Inquiry based learning projects will be designed based on present research on how students learn best through daily presentations (PowerPoint, videos, etc.), models and modeling/demonstrations, interactive learning in flexible groups, orals presentations, differentiated instruction, visual and tactile activities, multi-media and technology resources. Plans include language, real world problems and applications, career and community connections.

All Science textbooks are uploaded to the students' iPads

Sixth Grade Science

Holt Science & Technology *Earth Science* text book by Holt, Rinehart, and Winston is the primary text. Students are introduced to concepts based on their prior knowledge of Earth Science. The textbook has a rich bank of Science content and plenty of examples to help make the content relevant to daily life. In addition, the book clearly outlines lesson objectives and vocabulary. The goal is to prepare the students to gain a solid base in Science and be well prepared for high school Science courses. The students will have many opportunities to reinforce, extend and apply what they learn with fun and meaningful lab investigations and activities. This program meets the objectives of the Diocese of Venice, and the state/national standards.

Seventh Grade Science

Holt Science & Technology *Life Science* text book by Holt, Rinehart, and Winston is the primary text. Students are introduced to concepts based on their prior knowledge of Life Science. The textbook has a rich bank of Science content and plenty of examples to help make the content relevant to daily life. In addition, the book clearly outlines lesson objectives and vocabulary. The goal is to prepare the students to gain a solid base in Science and be well prepared for high school Science courses. The students will have many opportunities to reinforce, extend and apply what they learn with fun and meaningful lab investigations and activities. This program meets the objectives of the Diocese of Venice, and the state/national standards.

Eighth Grade Science

Holt Science & Technology *Physical Science* text book by Holt, Rinehart, and Winston is the primary text. Students are introduced to concepts based on their prior knowledge of Physical Science. The textbook has a rich bank of Science content and plenty of examples to help make the content relevant to daily life. In addition, the book clearly outlines lesson objectives and vocabulary. The goal is to prepare the students to gain a solid base in Science and be well prepared for high school Science courses. The students will have many opportunities to reinforce, extend and apply what they learn with fun and meaningful lab investigations and activities. This program meets the objectives of the Diocese of Venice, and the state/national standards.