

Middle School Science

Science in all grade levels is a content area that demands organization and keeping up with daily class and homework. Each day, students complete a vocabulary note card that is kept in their science folder (provided by the teacher). Also in this folder, students are required to keep all class and homework to use for reference and study for tests. If students present a completed folder with all papers and note cards on the date of a test, they will be rewarded 5 bonus points for the test.

All middle school students participate in the school science fair which takes place during Catholic Schools Week. 6th graders must do an individual project while 7th and 8th graders may choose to do individual or group projects. Selected projects may qualify to advance to the Diocesan Science fair to compete with other students from schools within the Beaumont Diocese.

Science grades are posted to Edline weekly.

6th Grade Science is a "General Science" course designed to study many topics in Earth, Life and Physical Science touching on the basics of each. The goal is to give students a foundation that will carry them comfortable into more detailed subject matter in 7th & 8th grades and also into high school. Some areas of study include cell structure, DNA and heredity, matter, forces & motion, Earth and its relationship to other objects in space, geology and ecology.

7th Grade Science is a study of "Life Science" with a focus on human body systems. Among these systems are circulation, respiration, excretion, digestion, the nervous and skeletal systems and reproduction and growth. Students are expected to know how their body works and responds so that they can make informed decisions about how to maintain and control their own health. A special project for 7th grade science is the Flour Sack Baby project. Each student becomes a temporary parent to a sack of flour and will learn first hand about responsible parenting.

8th Grade Science concentrates on "Physical Science" and students focus on topics such as matter, chemistry, forces and motion, waves, geologic time and the solar system. Physical science is a preparation for high school in that it touches on Integrated Physics and Chemistry, a course that will be a possible elective. Also, students will be prepared to begin other high school science classes that are required for their graduation. Students do chemistry research papers, and participate in a group catapult construction project as well as creating a geologic timeline.