



GIFTED SCIENCE



OVERVIEW

The differentiated curriculum will add breadth and depth to the academically gifted students' educational opportunities by exposing them to increasingly complex concepts about topics that otherwise would not be included in their middle school experiences. The curriculum goes beyond the requirements of the Florida Standards. Students at Fort Clarke Middle School will be taught the science process skills of observation, communication, prediction, inference, and classification

CURRICULUM HIGHLIGHTS

- Guest Speakers
- Science Fair
- Inquiry-Based Lessons
- Virtual Experiments
- Interactive Smart Board Lessons Real and Virtual Dissections
- Microscope Training and Practice
- 'Low' Tech Data Gathering
- 'High' Tech Data Gathering
- Quarterly Independent Projects

GIFTED COMPREHENSIVE SCIENCE

Rotates through these topics throughout the year

EARTH AND SPACE SCIENCE

Includes astronomy, meteorology, geology, & oceanography.



LIFE SCIENCE

Includes botany, zoology, anatomy, environmental science, and taxonomy.



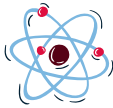
PHYSICAL SCIENCE

Includes chemistry and physics.



OUR GOALS

We believe students' goals must be met emotionally as well as intellectually. Middle school is a transition period, and at Fort Clarke we address the issues that arise during this critical developmental stage. Students will learn how to organize their time while acquiring and applying the study skills that will allow them to be academically successful. Our ultimate goal is to ensure that students are prepared for the rigors of a demanding high school curriculum whether it be Cambridge, IB, AP, Honors, or other challenging courses of study.



SCIENCE



OVERVIEW

Students at Fort Clarke Middle School will experience a challenging curriculum that includes science process skills of observation, communication, prediction, inference, and classification. Our experienced teaching team will guide students toward enhancing their critical thinking skills. The comprehensive science curriculum shifts among major areas of science while highlighting the process skills at every stage. Students will also learn organizational skills as well as how to monitor their own progress through individual lessons, units of study, and through middle school.

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