

# 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.



## 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.



## Curriculum Highlights

Guest Speakers

Science Fair

Laptop Laboratory Experiments

Inquiry Based Lessons

Virtual Experiments

Interactive Smart Board Lessons

Real and Virtual Dissections

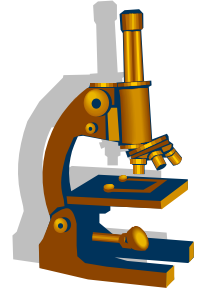
Microscope Training and Practice

'Low' Tech Data Gathering

'High' Tech Data Gathering

SECME

Quarterly Independent Projects



## 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.