



Muslim Academy of Greater Orlando

Seventh Grade

<p>Math</p>	<p>Our seventh grade accelerated math course utilizes the Holt McDougal curriculum program. Students explore mastering the Math Florida Standards (MAFS) by focusing on problem solving, thinking and discussing mathematical principles to justify their reasoning, and reading and writing to learn and use the language of math. Hands-on Labs and Technology Labs included in the curriculum allow students to use concrete and technological tools to explore mathematical concepts. Students explore the Pythagorean Theorem, expressions and equations, rational and irrational numbers, functions, and a range of geometry standards.</p>
<p>Science</p>	<p>Seventh grade students explore science through the McGraw Hill's Glencoe Program where they learn about science through rich texts, labs, mini-labs, and skill practice. Instruction is planned using the Next Generation Sunshine State Standards. Supplemental resources, such as interactive tutorials and videos from CPALMS, are also used to bridge content within science units. Our seventh graders dive into units on Earth's structure, the diversity and evolution of living organisms, heredity and reproduction, and interdependence. They explore the role of scientific theories and laws, energy transfer, and enjoy investigating how each of these impacts the world around them.</p>
<p>English Language Arts</p>	<p>Students explore the world of English Language Arts through the Holt McDougal Literature series. Instruction centers on the Language Arts Florida Standards (LAFS) and students read and analyze a range of informational and literary texts as they work through nine units of study. Our middle school students engage in close reading and respond to text-based questions and tasks. Students also learn to become better writers as they write over extended and shorter time frames for a range of purposes and audiences. Students enjoy broadening their perspectives and sharpening their analytical skills to become thoughtful readers, writers, and speakers.</p>
<p>Social Studies</p>	<p>Students in seventh grade learn history through the Holt McDougal "Civics in Practice" program. The curriculum encourages students to learn about history as an active reader, identifying reading skills and strategies that assist students with understanding social studies. Writing in the area of Social Studies is integrated to allow students to demonstrate their learning. Students learn about geography using world maps and other geographic tools. They gain a deeper understanding of economics and fundamental concepts in the marketplace. Our seventh graders also explore units within Civics Education gaining an understanding of the US Constitution, its parts, its safeguards, and its function.</p>