



## *Muslim Academy of Greater Orlando*

### **Fifth Grade**

<b>Math</b>	We utilize McGraw Hill's Everyday Mathematics Program. Everyday Mathematics is a research-based program that continually reinforces abstract math concepts through concrete real-world applications. Students at the fifth grade level master multiplication and division and solve for quotients with 4 digit dividends and 2 digit divisors. Students also begin major work with both decimals and fractions and apply their new learning to solving multi-step word problems. Students also explore volume, the coordinate plane and converting among measurement units. Our fifth graders enjoy learning with hands-on activities and sharpening their skills with math games that reinforce their learning.
<b>Science</b>	Students explore science through the Scott Foreman Science Program. This program exposes students to science concepts through rich texts, scientific inquiry, and hands-on labs. Targeted reading skills are embedded to help students interact with the academic language of science concepts and build comprehension. Our instruction centers around the Next Generation Sunshine State Standards and fifth graders learn about the practice of science, the development of living organisms, forces of motion, energy transfer and properties and changes of matter. Students also enjoy exploring space and learning about galaxies and the inner and outer planets.
<b>English Language Arts</b>	Pearson's ReadyGEN is the comprehensive program we use to build thoughtful readers and writers. This program provides an integrated and well-balanced approach to meeting the demand of the new Florida English Language Arts Standards. The 5th grade curriculum is organized into four units and designed to promote in-depth understanding through daily lessons. Fifth graders develop their reading comprehension through the close reading of quality informational and literary texts including authentic trade books, high-interest readers, and text sets. Students also develop their writing skills and learn effective technique and organization in narrative, informative, and opinion writing.
<b>Social Studies</b>	Our curriculum thrives to develop thoughtful, literate citizens. Utilizing Pearson My World Social Studies Program allows students to read and write during every lesson, practice active reading, and build academic vocabulary. Through digital and interactive texts, our fifth graders dive into early American History learning about the thirteen colonies, the major events of the American Revolution, Westward Expansion, and the Bill of Rights. Students sharpen their geography skills by identifying states and state capitals on a US map, and using longitude and latitude to locate places. Fifth graders also enjoy constructing maps and charts to display geographic information.