



## *Muslim Academy of Greater Orlando*

### **Fourth 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 fourth grade level learn various strategies for multiplying and dividing multi-digit numbers. They also explore adding, subtracting, and comparing fractions using visual models and equations. Our students enjoy learning about 2 dimensional shapes and their properties and measuring and drawing angles with a protractor. Students are provided multiple opportunities to demonstrate and connect their learning through hands-on activities and math games.
<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 fourth graders learn about the importance of comparing scientific observations and empirical evidence. They explore patterns in the Earth, the sun and the stars, and observe and describe different forms of energy and transfer. They also enjoy learning about the life cycles of plants and animals.
<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 4th grade curriculum is organized into four units and designed to promote in-depth understanding through daily lessons. Teachers promote fluency and teach foundational skills using decodable practice readers and structured lessons. Fourth graders read and analyze a range of texts to build content knowledge and strengthen comprehension through the exploration of authentic trade books, high-interest readers, and text sets. Students also develop their writing skills by learning effective technique and organization.
<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 fourth graders dive into Florida History! They learn about exploration and settlements in FL, early life, and the growth and industrialization of FL. They interpret Florida physical and political maps and learn about FL government. They also explore the national and international economy and conditions that attract businesses to the state.