

Dunbar Elementary Medical Magnet School

Accelerated Math Academy

Grades 3-5



What are the benefits of the academy?

- Engages students who are ready for mathematics challenges beyond their grade level standards
- Accelerated progression of instruction allows for students to enter middle school prepared to take advanced coursework
- Accelerated programs indicated on student transcripts

Progression of standards

	Coursework students take in 3 rd Grade	Coursework students take in 4 th Grade	Coursework students take in 5 th Grade	Coursework students take in 6 th Grade
Traditional	3 rd Grade State Standards	4 th Grade State Standards	5 th Grade State Standards	6 th Grade State Standards
Accelerated Math Academy	All of 3 rd grade standards and half of the 4 th grade standards	Half of the 4 th grade standards and all 5 th grade standards	All the 6 th grade standards and half of 7 th grade standards	Half of the 7 th grade standards and all the 8 th grade standards.

What is meant by accelerated?

- Students progress through the learning of the standards more quickly due to purposeful connections
- Students do NOT rush through all of the standards separately; they are tied together to make connections and build upon rigor.

What is meant by accelerated?

- Students progress through the learning of the standards more quickly due to purposeful connections. Similar standards are taught together such as this 3rd/4th grade example:

MA.3.FR.2.1 Plot, order and compare fractional numbers with the same numerator or the same denominator.

MA.4.FR.1.4 Plot, order and compare fractions, including mixed numbers and fractions greater than one, with different numerators and different denominators.

Thinking and Reasoning Standards

Daily incorporation into lessons

Florida's B.E.S.T.

Mathematical Thinking and Reasoning Standards

MTR
1

Actively participate in effortful learning both individually and collectively.



MTR
2

Demonstrate understanding by representing problems in multiple ways.



MTR
3

Complete tasks with mathematical fluency.



MTR
4

Engage in discussions that reflect on the mathematical thinking of self and others.



MTR
5

Use patterns and structure to help understand and connect mathematical concepts.



MTR
6

Assess the reasonableness of solutions.



MTR
7

Apply mathematics to real-world contexts.



What happens if my child falters?

- Quarterly evaluations
- Teacher support: differentiated instruction, small groups
- Ability to step back to regular grade level math course