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

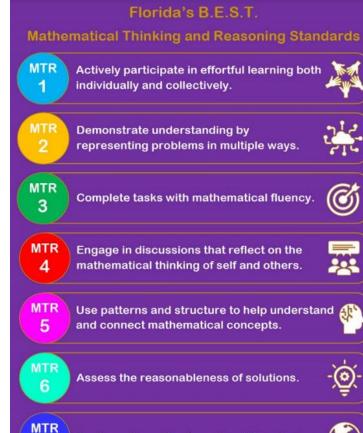
 Students progress through the learning of the standards more quickly due to purposeful connections. Similar standards are taught together such as this 3rd/4th grade example:

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**



Apply mathematics to real-world contexts.

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### What happens if my child falters?

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