

6th Grade Math Plus

Kathleen Gingerich

Kathleen.gingerich@dmschools.org

Purpose: Math Plus is designed to give students the opportunity to receive additional math instruction and support. Students are placed in this extended core class based on MAP test scores from last spring and on teacher recommendation. Students will work on skills in areas where they need to improve in addition to algebra foundational competency targets selected by DMPS.

Class time: Daily class time will reflect what the students need at that point. Options will include: pre-teaching skills for upcoming core instruction, re-teaching of core math class instruction, small group support, and individual work on computer with ALEKS program or frontrwd.com. This class meets every other day for the year.

ALEKS: This web-based math questioning program will assess what the student already knows and what skills are ready to be worked on. The program will periodically re-assess to make sure that skill knowledge is being retained. There are 184 total topics available in ALEKS; part of the student grade will be based on topic completion.

Grading: Math Plus is graded as a pass/ no pass class.

PASS	NOT PASS
Student regularly works on the Do Now	Student does not regularly work on the Do Now
Student participates in whole group, small group, and individual activities.	Student does not participate in whole group, small group, and individual activities.
After initial assessment, student completes at least 50 topics on ALEKS in each term.	After initial assessment, student does not complete at least 50 topics on ALEKS in each term.
Students will take weekly tests to show growth on their addition, subtraction and multiplication basic facts with at least 80% accuracy	Students average score for the basic facts is less than 80%.

Algebra Foundational Competencies:

- Can write numbers in standard and written form and can read numbers
- Can compose and decompose numbers
- Compare 1, 2, and 3 digit numbers using $<$, $>$, or $=$.
- Relate addition and subtraction problems
- Relate multiplication and division problems
- Add, subtract, multiply, and divide whole numbers, and use these operations to solve problems.
- Add and subtract fractions, and use these operations to solve problems.
- Convert between fractions, decimals, and percents.

Behavior: Students are expected to follow the expectations listed in the student handbook. The seven steps of intervention will be used to support a positive classroom environment when intervening negative student behavior. Parents will be contacted when students reach 5 redirections in one class period.