

## 6th Grade Math Plus

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**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 SMI (Scholastic Math Inventory) scores from last school year. Students will work on skills in their growth area 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. This class meets every day for 1 semester.

**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 438 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.

<b>PASS</b>	<b>NOT PASS</b>
Student regularly works on the Do Now - decimal tape	Student does not regularly work on the Do Now - decimal tape.
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 75 topics on ALEKS in each term.	After initial assessment, student does not complete at least 75 topics on ALEKS in each term.

### **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.