

Second Grade Math Fact Challenge

Dear Families,

Simple addition and subtraction facts are one of the many routines children work with regularly in Everyday Mathematics through Fact Families, Frames-and-Arrows, "What's My Rule?" and other various activities. Being able to recall basic number facts, such as $7+6$ or $13-2$ with speed and accuracy is an important part of mathematics and it involves frequent practice.

In order to increase the speed and accuracy of our Second Grade students, we will begin our "Math Fact Challenge". Our expectation is that the students be able to quickly and accurately complete 30 addition and subtraction facts in two minutes by the end of the school year. Every Friday, students will be given an assessment that will increase in difficulty using addition facts and subtraction facts where the sum is less than or equal to eighteen.

Throughout the year we will continue to work with addition and subtraction facts. Multiple shortcuts for learning these facts will be introduced. One shortcut is the Turn-Around Rule, which states that the order in which numbers are added does not change the sum. For Example, $4+3$ and $3+4$ both equal 7. Your child will also learn the meaning of adding 0 and 1 to any number. Knowing these shortcuts will make the task of learning addition facts easier.

I encourage you to help your child with facts at home each night. I will be sending home a practice sheet each Monday that your child needs to return to school on Friday. Below are the Second Grade expectations for each quarter...

1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
30 Addition 3 Minutes	30 Subtraction 3 Minutes	30 Add./Sub. 3 Minutes	30 Add./Sub. 2 Minutes

Please don't hesitate to contact me if you have any questions!
Miss Appel