

## **Mathematical Fact Fluency**

As we reach the end of the school year, you may wonder what your students could do over the summer to continue to practice math. One area of focus should be fact fluency. Mathematical fluencies aren't determined just by the speed in answering math facts as was the focus in the past. Instead, we should consider fluency as a blend of automaticity, flexibility, strategy use, and accuracy. Students develop fluency through lots of practice in various ways. Some suggestions include games with cards/dice, flashcards, computer practice like the Greg Tang site, and written practice.

Below are the fluency standards for each grade.

Students in grades K-2 should focus on addition and subtraction facts.

- Kindergarten - facts within 5
- Grade 1 - facts within 10
- Grade 2 - facts within 20

Students in grades 3-5 will benefit from fluently multiplying and dividing.

- Grade 3 - multiplication facts with products to 100
- Grade 4 - multiplying 2-digit x 2-digit numbers, dividing up to 4-digits by 1-digit
- Grade 5 - standards algorithm for multiplication

Mastering the fluency of the current grade level will support your child as they move to the next fluency. Knowing your math facts is an important skill for becoming a competent and confident mathematician. If you would like more information or have any questions reach out to: [rtedesco@trumbullps.org](mailto:rtedesco@trumbullps.org)