

# Together, we can unlock our math potential.

## October 2025 Math Fact Fluency



ACTION PLAN

### What is Fact Fluency?

Math fact fluency is the ability to solve basic math problems efficiently, flexibly, and accurately based on an understanding of how numbers work together. Instead of relying on flashcards or speed drills, fluency is built by helping kids to:

- See patterns in numbers (like how  $6 + 6$  helps with  $6 + 7$ ),
- Use strategies to figure out answers (like making 10 or doubling),
- Talk about their thinking so they truly understand what they're doing.

### Why Strategy-Based Math Fluency Matters

When kids learn different strategies to solve math problems, they become better at thinking through problems, spotting patterns, and using numbers flexibly. Math fluency isn't just about memorizing facts—it's about helping kids understand how numbers work and how to use them flexibly. When students learn a variety of strategies, they become more confident and capable problem-solvers.

*These thinking skills go beyond math—they help children become strong, flexible thinkers in all areas of life.*

### Try it out!

Help your learner build powerful numeracy skills with the following activities:

#MathStratChat



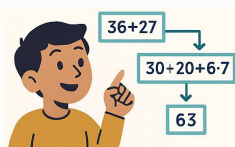
### I Have, You Need

"I Have, You Need" is a quick but powerful instructional routine to help kids construct the very important numerical relations of partners of 10, 100, and 1,000. To learn more, download a free one page instruction sheet for this routine.



#### Builds Number Sense & Problem Solving Skills

Kids learn to estimate, break numbers apart, and put them back together—skills for mental math and real-life situations.



#### Boosts Confidence & Reduces Anxiety

Understanding *why* something works helps kids feel more in control and less stressed about math.



#### Encourages Flexible Thinking

Students can choose the best method for the problem, rather than relying on just one way.



#### Deepens Understanding

Kids see patterns and relationships between numbers, making math more meaningful.



### Value Deep Understanding Over Speed

Emphasize that understanding math deeply is more important than working quickly. Avoid speed drills and instead focus on visual and hands-on activities.

