

The Importance of Math Fluency

What is math fluency?

- It is mathematical proficiency
- It is the ability to apply procedures accurately, efficiently, and flexibly;
- It is the ability to transfer procedures to different problems and contexts;
- It is the ability recognize when one strategy or procedure is more appropriate to apply than another.

What are the fluency standards by grade level?

Grade Level	Required Fluency
K	Add/subtract within 5
1	Add/subtract within 10
2	Add/subtract within 20 Add/subtract within 100 (pencil and paper)
3	Multiply/divide within 100 Add/subtract within 1000
4	Add/subtract within 1,000,000
5	Multi-digit multiplication of whole numbers