

[Redacted] 's MathFit Report

Grade 2 · rising to Grade 3 · elementary school

OVERALL MATHFIT SCORE

85/100

[Redacted] has a solid foundation. With the right push, there's room to go deeper and get ahead.

Weightage: Fluency 20% · Understanding 25% · Application 25% · Reasoning 30%

DIMENSION SCORES

Fluency

75/100

AT GRADE LEVEL

Computation is reliable, just not yet automatic. As fluency grows, more mental energy goes to the harder thinking.

Understanding

88/100

AHEAD OF GRADE LEVEL

Knows the WHY behind procedures. Can explain methods in their own words and apply them to new problems.

Application

95/100

AHEAD OF GRADE LEVEL

Turns real-world problems into math easily. Sees the structure where others see the story — a powerful skill.

Reasoning

80/100

AT GRADE LEVEL

Reasons through familiar problems and is ready for less-familiar ones. Building this is what opens the door to harder kinds of math.

INSIGHT 1

's **Application skills** are a clear strength across the evaluation.

They handled every word problem correctly, pulling the right operations from real-world scenarios without hesitation. The next domain to push further is Fluency, where building speed and accuracy in basic arithmetic will make everything else even smoother.

INSIGHT 2

✓ What handled well

- ✓ **Subtraction:** Got all three subtraction questions right, showing solid comfort with subtracting within 20.
- ✓ **Concept Understanding:** Explained place value regrouping and repeated addition in their own words, not just from memory.
- ✓ **Word Problems:** Solved all three word problems correctly, picking the right operation each time without extra prompting.
- ✓ **Addition:** Answered most addition questions correctly, though speed on quick addition can still improve.

→ Where got stuck

- **Decimals and Place Value:** Struggled with a place value regrouping question, relying on a memorized step rather than full understanding.

INSIGHT 3

What this means for Grade 3 and 4

In Grade 3, new topics like multi-digit multiplication, fractions, and early measurement conversions come in, and the pace picks up. With the strong foundation has today, the focus now is building speed in basic computation so these new concepts feel comfortable and they keep doing well.

RECOMMENDATIONS

YOUR GOAL

“Build strong math fundamentals”

Stretching subtraction, deeper concept understanding, and harder word problems will build strong math fundamentals on an already solid base.

RECOMMENDATION 1

Push subtraction into multi-step challenges

ACADEMIC

- Encourage solving multi-step subtraction problems on paper, not just mentally
- Ask simple subtraction calculations during daily routines like counting change

PRACTICAL

When helping with homework, ask "what is the question really asking?" before they start solving.

RECOMMENDATION 2

Deepen understanding by explaining the why

ACADEMIC

- Ask them to explain each step out loud before writing anything down
- Use puzzles or brain games that require breaking problems into smaller steps

PRACTICAL

Ask to explain a solution to you as if you do not know math.

RECOMMENDATION 3

Tackle trickier word problems with confidence

ACADEMIC

- Practice separating useful information from extra details in word problems
- Ask them to check whether their answer actually fits the original question

PRACTICAL

Have them read the problem out loud and then re-read just the last sentence when stuck.

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