

B.E.S.T. Math Planning Tool

Spotlight Benchmark

Desired Outcome

Connected Benchmarks

**Prior Knowledge
Accessed/Needed**

Vocabulary

MTR(s)

- ☐ (1) Actively participate in effortful learning both individually and collectively.
- ☐ (2) Demonstrate understanding by representing problems in multiple ways.
- ☐ (3) Complete tasks with mathematical fluency.
- ☐ (4) Engage in discussions that reflect on the mathematical thinking of self and others.
- ☐ (5) Use patterns and structure to help understand and connect mathematical concepts.
- ☐ (6) Assess the reasonableness of solutions.
- ☐ (7) Apply mathematics to real-world contexts.

ELA Expectation(s)

- ☐ (1) Cite evidence to explain and justify reasoning.
- ☐ (2) Read and comprehend grade-level complex texts proficiently.
- ☐ (3) Make inferences to support comprehension.
- ☐ (4) Use appropriate collaborative techniques and active listening skills when engaging in discussions in a variety of situations.
- ☐ (5) Use the accepted rules governing a specific format to create quality work.
- ☐ (6) Use appropriate voice and tone when speaking or writing.

Materials

B.E.S.T. Math Planning Tool (Sample)

Spotlight Benchmark

4.FR.2.4 Extend previous understanding of multiplication to explore the multiplication of a fraction by a whole number or a whole number by a fraction.

Desired Outcome

A candy bar weighs $\frac{1}{4}$ of a pound. How many pounds does 5 chocolate bars weigh?

Students can explain their answer using manipulatives, pictorial representation, and a multiplication sentence.

Connected Benchmarks

- 4.NS0.2.1 - Recall multiplication
- 4.AR.1.3 - Real-world fraction multiplication problems.

Prior Knowledge Accessed/Needed

- Understanding multiplication is repeated addition.
- Know how to add unit fractions with like denominators.

Vocabulary

- equation
- expression
- whole-number
- unit fraction

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Materials All manipulatives accessible (2-sided counters, cubes, pattern blocks, fraction tiles).