

**Math Trailblazers**  
**Focus on Major Work in Grade 4\***

| Major Work   |  |
|--|--|
| 4.OA.A Use the four operations with whole numbers to solve problems.   |  |
| Unit 1   | Lesson 1, 2, 3, 4, 5, 6                |
| Unit 2   | Lesson 1, 2, 3, 4                      |
| Unit 3   | Lesson 1, 2, 3, 4, 5, 6, 7, 8, 9, 10   |
| Unit 4   | Lesson 1, 2, 3, 4, 5, 6, 7, 8, 9, 10   |
| Unit 5   | Lesson 2, 3, 4, 5, 6, 7                |
| Unit 6   | Lesson 1, 3, 6                         |
| Unit 7   | Lesson 1, 2, 3, 4, 5, 6, 7, 8          |
| Unit 11  | Lesson 1, 2, 4, 5                      |
| Unit 12  | Lesson 1, 3, 6                         |
| 4.NBT.A Generalize place value understanding for multi-digit whole numbers.  |  |
| Unit 4   | Lesson 1, 2, 3, 4, 5, 7, 8, 9, 10      |
| Unit 5   | Lesson 1, 4, 5, 7                      |
| Unit 6   | Lesson 2, 3, 4, 5, 6, 7                |
| Unit 7   | Lesson 2, 3, 4, 5, 7, 8                |
| Unit 11  | Lesson 1, 2, 3, 4, 5                   |
| Unit 12  | Lesson 2, 4, 5                         |
| 4.NBT.B Use place value understanding and properties of operations to perform multi-digit arithmetic.                        |  |
| Unit 3   | Lesson 1, 2, 3, 4, 5, 6, 7, 8, 9, 10   |
| Unit 4   | Lesson 1, 8, 9, 10                     |
| Unit 6   | Lesson 2, 4, 5, 7                      |
| Unit 7   | Lesson 3, 4, 5, 6, 7, 8                |
| Unit 11  | Lesson 1, 2, 3, 4, 5                   |
| Unit 12  | Lesson 1, 2, 3, 4, 5, 6                |
| 4.NF.A Extend understanding of fraction equivalence and ordering.  |  |
| Unit 1   | Lesson 5                               |
| Unit 5   | Lesson 1, 4, 7                         |
| Unit 8   | Lesson 1, 2, 4, 5, 6, 7, 8, 9, 11      |
| Unit 10  | Lessons 2, 3, 4, 6, 7                  |
| 4.NF.B Build fractions from unit fractions by applying and extending previous understandings of operations on whole numbers. |  |
| Unit 8   | Lesson 1, 2, 3, 4, 6, 7, 8, 10, 11, 12 |
| 4.NF.C Understand decimal notation for fractions, and compare decimal fractions.   |  |
| Unit 10  | Lesson 1, 2, 3, 4, 5, 6, 7             |
| Unit 13  | Lesson 5, 6                            |

\*The *K–8 Publisher’s Criteria for the Common Core State Standards for Mathematics* calls for at least 65% of time to be devoted to the major work of the grade with supporting work and additional work engaging students in the major work of the grade where appropriate. See <http://achievethecore.org/shifts-mathematics> for complete grade level focus breakdowns.

### Supporting Work

|  |                               |
|--|-------------------------------|
| 4.OA.B Gain familiarity with factors and multiples.  |                               |
| Unit 3   | Lesson 1, 3, 4, 5, 6, 7, 8, 9 |
| Unit 7   | Lesson 2, 4, 5, 6, 8          |
| Unit 11  | Lesson 2, 5                   |
| Unit 13  | Lesson 5, 6, 7                |
| 4.MD.A Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit. |                               |
| Unit 5   | Lesson 3, 4                   |
| Unit 10  | Lesson 1, 2, 5                |
| Unit 11  | Lesson 2, 5                   |
| Unit 13  | Lesson 1, 2, 3, 4, 5, 6, 7    |
| 4.MD.B Represent and interpret data.   |                               |
| Unit 1   | Lesson 1, 2, 3, 4, 5, 6       |
| Unit 2   | Lesson 2, 4                   |
| Unit 5   | Lesson 2, 3, 4                |
| Unit 10  | Lesson 5                      |
| Unit 13  | Lesson 3, 5, 6, 7             |

### Additional Work

|  |                                    |
|--|------------------------------------|
| 4.OA.C Generate and analyze patterns.  |                                    |
| Unit 6   | Lesson 3                           |
| Unit 10  | Lesson 5                           |
| Unit 13  | Lesson 3, 5, 6, 7                  |
| 4.MD.C Geometric measurement: understand concepts of angle and measure angles.                         |                                    |
| Unit 9   | Lesson 1, 2, 3, 4, 5, 6, 9, 10     |
| 4.G.A Draw and identify lines and angles, and classify shapes by properties of their lines and angles. |                                    |
| Unit 9   | Lesson 2, 3, 5, 6, 7, 8, 9, 10, 11 |