

## Decimals

| Activity Title<br>Student Expectations                                                                                    | Activity Topic                                                                       | Type         |              |          | Delivery            |              |          |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------|--------------|----------|---------------------|--------------|----------|
|                                                                                                                           |                                                                                      | new learning | intervention | practice | teacher-facilitated | small groups | stations |
| Representation of Decimals                                                                                                |                                                                                      |              |              |          |                     |              |          |
| Reptile Decimals<br>5.2(A)                                                                                                | Representing Decimals to the Thousandths Using Numbers, Expanded Notation, and Words | ✓            | ✓            |          | ✓                   |              |          |
| Decimal Representation Match Up<br>5.2(A)                                                                                 | Matching Standard Form, Expanded Notation, and Numbers Written in Words              |              | ✓            | ✓        |                     | ✓            |          |
| NOTE: Students also write decimals in expanded form in the Comparison of Decimals subcluster activity Comparing Decimals. |                                                                                      |              |              |          |                     |              |          |
| Comparison of Decimals                                                                                                    |                                                                                      |              |              |          |                     |              |          |
| Comparing Decimals<br>5.2(B)                                                                                              | Compare Decimals Using Concrete Models and Symbols                                   | ✓            | ✓            |          | ✓                   |              |          |
| Greatest to Least or Least to Greatest?<br>5.2(B)                                                                         | Place Numbers in Order from Greatest to Least and Least to Greatest                  | ✓            | ✓            |          | ✓                   |              |          |
| First, Last, and In the Middle<br>5.2(B)                                                                                  | Compare Decimals from Tables, Lists, and Pictures                                    |              |              | ✓        |                     | ✓            |          |
| The Race Is On!<br>5.2(B)                                                                                                 | Compare Decimals                                                                     |              |              | ✓        |                     |              | ✓        |
| Estimation of Decimals                                                                                                    |                                                                                      |              |              |          |                     |              |          |
| Rounding Decimals<br>5.2(C)                                                                                               | Round Numbers to the Tenths and Hundredths                                           | ✓            | ✓            |          | ✓                   |              |          |
| Rounding Decimals – Solve the Problem, Solve the Puzzle 5.2(C)                                                            | Round Numbers to the Tenths and Hundredths                                           |              | ✓            | ✓        |                     | ✓            |          |
| Addition/Subtraction of Decimals                                                                                          |                                                                                      |              |              |          |                     |              |          |
| Animal Facts 1<br>5.3(A), 5.3(K)                                                                                          | Add Decimals                                                                         | ✓            | ✓            |          | ✓                   |              |          |
| Strange Money 1<br>5.3(A), 5.3(K)                                                                                         | Add Decimals                                                                         | ✓            | ✓            |          | ✓                   |              |          |
| Animal Facts 2<br>5.3(A), 5.3(K)                                                                                          | Subtract Decimals                                                                    | ✓            | ✓            |          | ✓                   |              |          |
| Strange Money 2<br>5.3(A), 5.3(K)                                                                                         | Subtract Whole Numbers and Decimals                                                  | ✓            | ✓            |          | ✓                   |              |          |
| A Sale at Game Trade!<br>5.3(K)                                                                                           | Solve Problems with Decimals                                                         |              | ✓            | ✓        |                     | ✓            |          |

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|                                                                |                                                                                                    | new learning | intervention | practice | teacher-facilitated | small groups | stations |
| Multiplication of Decimals                                     |                                                                                                    |              |              |          |                     |              |          |
| Extending Multiplication to Decimals<br>5.2(A), 5.3(A), 5.3(E) | Estimating Products and Placing the Decimal Point                                                  | ✓            | ✓            |          | ✓                   |              |          |
| Longlegs & Lizards<br>5.3(A), 5.3(D), 5.3(E)                   | Multiply Decimals and Whole Numbers Using Concrete and Pictorial Models and the Standard Algorithm | ✓            | ✓            |          | ✓                   |              |          |
| How Many?<br>5.3(A), 5.3(D), 5.3(E)                            | Multiply Decimals and Whole Numbers Using Pictorial Models and the Standard Algorithm              |              | ✓            | ✓        |                     | ✓            |          |
| Eduardo the Centipede<br>5.3(A), 5.3(D), 5.3(E)                | Multiply Decimals Using Pictorial Models                                                           | ✓            | ✓            |          | ✓                   |              |          |
| Sammy Slowgoing<br>5.3(A), 5.3(E)                              | Multiply Decimals                                                                                  | ✓            | ✓            |          | ✓                   |              |          |
| Division of Decimals                                           |                                                                                                    |              |              |          |                     |              |          |
| Planting a Summer Garden<br>5.3(A), 5.3(F), 5.3(G)             | Divide Decimals by Whole Numbers                                                                   | ✓            | ✓            |          | ✓                   |              |          |
| Sharing the Wealth<br>5.3(A), 5.3(F), 5.3(G)                   | Divide Decimals by Whole Numbers                                                                   |              | ✓            | ✓        |                     | ✓            |          |
| Maximizing Your Dollars 1<br>5.3(A), 5.3(F), 5.3(G)            | Divide Whole Numbers by Decimals – Whole Number Quotients                                          | ✓            | ✓            |          | ✓                   |              |          |
| Maximizing Your Dollars 2<br>5.3(A), 5.3(F), 5.3(G)            | Divide Whole Numbers by Decimals – Decimal Quotients                                               | ✓            | ✓            |          | ✓                   |              |          |
| Feeding the Zoo<br>5.3(A), 5.3(F), 5.3(G)                      | Divide Decimals by Whole Numbers                                                                   |              | ✓            | ✓        |                     | ✓            |          |
| Numerical Expressions                                          |                                                                                                    |              |              |          |                     |              |          |
| Sort & Match – Decimals<br>5.4F                                | Order of Operations Card Sort                                                                      |              | ✓            | ✓        |                     | ✓            |          |
| School Supplies – Order of Operations<br>5.4E, 5.4F            | Problem Solving Using Order of Operations                                                          |              |              | ✓        |                     | ✓            |          |