

| Subject           | Grade | Stream  | Term | Chapter / Module Number                              | Section/ Lesson Number                               | Section/Lesson Name                          | Number of Periods (Optional) | Lexis/ Key Words       | Resources                                                                                                     | Learning Outcomes                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
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|                   |       |         |      |                                                      |                                                      |                                              |                              |                        |                                                                                                               | S.Code                                                                                                                                                                                         | Common Core Standards                                                                                                                                                                                                                                                                                                                                                                          | Subject Learning Outcomes (Main Outcome)                                                                                                                                                                                            |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         |      |                                                      |                                                      |                                              |                              |                        |                                                                                                               |                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
| Mathematics (MAT) | 6     | Advance | T2   | M4                                                   | Integers, Rational Numbers, and the Coordinate Plane | M4L1                                         | Represent Integers           | N/A                    | Refer to teacher guide                                                                                        | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare                                                                                  | 6.NS.5 Understand that positive and negative numbers are used together to describe quantities having opposite directions or values (e.g., temperature above/below zero, elevation above/below sea level, credits/ debits, positive/negative electric charge); use positive and negative numbers to represent quantities in real-world contexts, explaining the meaning of 0 in each situation. | 6.NS.6 Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates. | 6.NS.7 Understand ordering and absolute value of rational numbers. | 6.NS.8 Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate. | Use positive and negative numbers, as well as 0, to represent quantities in everyday life. |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L1                                                 | Represent Integers                           | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use a number line to visually represent quantities in everyday life.                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L2                                                 | Opposites and Absolute Value                 | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Understand the absolute value of integers.                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L2                                                 | Opposites and Absolute Value                 | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Understand how to order integers.                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L3                                                 | Compare and Order Integers                   | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Correctly order rational numbers, including integers and absolute values.                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L3                                                 | Compare and Order Integers                   | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use a number line to write a statement of inequality.                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L4                                                 | Rational Numbers                             | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Order rational numbers.                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L4                                                 | Rational Numbers                             | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Understand that the absolute value of rational numbers shows their distance from 0.                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L4                                                 | Rational Numbers                             | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Recognize rational numbers.                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L5                                                 | The Coordinate Plane                         | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Graph rational numbers in the coordinate plane.                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L6                                                 | Graph Reflections of Points                  | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Recognize that the coordinates of points reflected across either axis differ by the sign of one of the coordinates                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M4   | Integers, Rational Numbers, and the Coordinate Plane | M4L7                                                 | Absolute Value and Distance                  | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use coordinates and absolute value to find the distance between points with the same x- or the same y-coordinates                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L1                                                 | Powers and Exponents                         | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write a product of whole numbers, fractions, or decimals as a power and write a power as a product of factors.                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L2                                                 | Numerical Expressions                        | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write and evaluate a numerical expression using the correct order of operations.                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L3                                                 | Write Algebraic Expressions                  | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Identify parts of an expression from a verbal description in order to write an algebraic expression, using variables for unknown quantities, that models a real-world or mathematical problem. |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L4                                                 | Evaluate Algebraic Expressions               | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use the order of operations to evaluate algebraic expressions for given values.                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L5                                                 | Factors and Multiples                        | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Find the greatest common factor and least common multiple of two whole numbers.                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L6                                                 | Use the Distributive Property                | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use the Distributive Property to evaluate numerical expressions, to rewrite algebraic expressions, and to factor numerical and algebraic expressions.                                          |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M5   | Numerical and Algebraic Expressions                  | M5L7                                                 | Equivalent Algebraic Expressions             | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use the properties of operations to write expressions in simplest form and check to see if two expressions are equivalent.                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L1                                                 | Use Substitution to Solve One-Step Equations | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Use substitution to determine whether a given number is a solution of a one-step equation.                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L2                                                 | One-Step Addition Equations                  | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write and solve addition equations for real-world and mathematical problems by using the Subtraction Property of Equality.                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L3                                                 | One-Step Subtraction Equations               | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write and solve subtraction equations for real-world and mathematical problems by using the Addition Property of Equality.                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L4                                                 | One-Step Multiplication Equations            | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write and solve multiplication equations for real-world and mathematical problems by using the Division Property of Equality.                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L5                                                 | One-Step Division Equations                  | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Write and solve division equations for real-world and mathematical problems by using the Multiplication Property of Equality.                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |
|                   |       |         | M6   | Equations and Inequalities                           | M6L6                                                 | Inequalities                                 | N/A                          | Refer to teacher guide | Supplement with digital resource found on LMS such as Matific, Aleks, Al Madrasa, Boclips, Lernatic, Edushare | Understand how inequalities are similar to and different from equations, and graph the solution of an inequality on a number line.                                                             |                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                     |                                                                    |                                                                                                                                                                                                                                                                  |                                                                                            |

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