Instructional areas and sub-areas are derived from the structure of state academic standards. The general content areas that appear across grade levels in a set of standards become the instructional areas. Instructional areas are further divided into common instructional sub-areas.

Content Specialists align items from the NWEA™ item bank to these standards. The MAP® Growth™ assessments and associated reports for teachers and students are based upon this alignment and grouping of standards.
1. Number Sense, Properties, and Number Theory
   a. Number Sense: Real Numbers
   b. Properties of Real Numbers
   c. Number Theory
2. Computation and Estimation with Real Numbers
   a. Computation with Real Numbers
   b. Ratio and Proportion
   c. Estimation with Real Numbers
3. Patterns, Functions, and Graphing
   a. Patterns: Arithmetic and Geometric
   b. Functions
   c. Coordinate Graphing
4. Expressions
   a. Evaluate and Simplify Expressions
   b. Operations with Algebraic Expressions
5. Equations and Inequalities
   a. Linear Equations
   b. Linear Inequalities
   c. Systems of Linear Equations and Inequalities
   d. Non-Linear Equations
Growth: Algebra 2 NWEA 2017

1. Number Sense, Properties, and Number Theory
   a. Number Sense: Complex Numbers
   b. Properties of Complex Numbers
   c. Number Theory

2. Computation and Estimation with Real Numbers
   a. Computation with Complex Numbers
   b. Ratio and Proportion; Trigonometric Ratios
   c. Estimation with Real Numbers

3. Patterns, Functions, and Graphing
   a. Patterns Sequences, and Series
   b. Functions
   c. Coordinate Graphing

4. Expressions
   a. Evaluate and Simplify Expressions
   b. Operations with Algebraic Expressions

5. Equations and Inequalities
   a. Linear Equations
   b. Linear and Non-Linear Inequalities
   c. Systems of Linear Equations and Inequalities
   d. Non-Linear Equations

Growth: Geometry NWEA 2017

1. Properties of Geometric Shapes
   a. Points, Lines, Planes, and Angles
   b. Polygons and Circles
   c. Three-Dimensional Figures

2. Measurement of Geometric Shapes
   a. Perimeter and Circumference
   b. Area and Surface Area
   c. Volume

3. Geometric Relationships
   a. Congruence and Similarity
   b. Pythagorean Theorem, Right Triangle Trig
   c. Transformations and Symmetry
   d. Coordinate Graphing and Distance
1. Number Sense, Properties, and Number Theory  
   a. Number Sense: Real Numbers  
   b. Properties of Real Numbers  
   c. Number Theory  
2. Computation and Estimation with Real Numbers  
   a. Computation with Real Numbers  
   b. Ratio, Proportion, Percent, and Rate  
   c. Estimation with Real Numbers  
3. Measurement  
   a. Perimeter and Circumference  
   b. Area and Surface Area  
   c. Volume  
4. Geometry  
   a. Points, Lines, Planes, and Angles  
   b. Polygons and Circles  
   c. Three-Dimensional Figures  
   d. Congruence and Similarity  
   e. Pythagorean Theorem, Right Triangle Trig  
   f. Transformations and Symmetry  
   g. Coordinate Graphing and Distance  
5. Statistics and Probability  
   a. Collect, Organize, Analyze Data  
   b. Probability  
6. Algebraic Concepts  
   a. Patterns, Sequences: Arithmetic and Geometric  
   b. Functions  
   c. Evaluate and Simplify Expressions  
   d. Operations with Algebraic Expressions  
   e. Linear Equations  
   f. Linear Inequalities  
   g. Systems of Linear Equations and Inequalities  
   h. Non-Linear Equations
1. Number Sense, Properties, and Number Theory
   a. Number Sense: Real, Complex, Matrices, Logarithms
   b. Properties of Real and Complex Numbers
   c. Number Theory

2. Computation and Estimation
   a. Computation: Complex Numbers, Matrices, Logarithms
   b. Ratio, Proportion, Percent, and Rate
   c. Estimation with Real Numbers

3. Measurement
   a. Perimeter and Circumference
   b. Area and Surface Area
   c. Volume

4. Geometry
   a. Points, Lines, Planes, and Angles
   b. Polygons and Circles
   c. Three-Dimensional Figures
   d. Congruence and Similarity
   e. Pythagorean Theorem and Trigonometry
   f. Transformations and Symmetry
   g. Coordinate Graphing

5. Statistics and Probability
   a. Collection, Organization, Analysis of Data
   b. Probability and Combinatorics

6. Algebraic Concepts
   a. Patterns, Sequences, and Series
   b. Functions and Relations
   c. Evaluate and Simplify Expressions
   d. Operations with Algebraic Expressions
   e. Linear Equations
   f. Linear and Non-Linear Inequalities
   g. Systems of Linear Equations and Inequalities
   h. Non-Linear Equations