MAP Growth: Instructional Areas

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Growth: Language 2+ MI 2010 1.1

- Writing: Write, Revise Texts for Purpose and Audience
  - Plan, Organize; Create Cohesion, Use Transitions
  - Provide Support; Develop Topics; Conduct Research
  - Establish and Maintain Style; Use Precise Language
- Language: Understand, Edit for Grammar, Usage
  - Parts of Speech
  - Phrases, Clauses, Agreement, Sentences
- Language: Understand, Edit for Mechanics
  - Capitalization
  - Punctuation
  - Spelling

Growth: Reading K-2 MI 2010 1.1

- Foundational Skills
  - Phonics and Word Recognition
  - Phonological Awareness
  - Print Concepts
- Language and Writing
  - Capitalize, Spell, Punctuate
  - Language: Grammar, Usage
  - Writing: Purposes: Plan, Develop, Edit
- Literature and Informational
  - Informational Text: Key Ideas, Details, Craft, Structure
  - Literature: Key Ideas, Craft, Structure
- Vocabulary Use and Functions
  - Language: Context Clues and References
  - Vocabulary Acquisition and Use

Growth: Reading 2-5 MI 2010 1.1

Literary Text
Analyze Theme and Literary Elements; Summarize
Analyze Point of View, Features, and Structure
Informational Text
Analyze Central Idea, Concepts, and Events; Summarize
Analyze Point of View, Purpose, Features, and Structure
Vocabulary
Vocabulary

Growth: Reading 6+ MI 2010 1.1

Literary Text
Analyze Theme and Literary Elements; Summarize
Analyze Point of View, Features, and Structure
Informational Text
Analyze Central Idea, Concepts, and Events; Summarize
Analyze Point of View, Purpose, Features, and Structure
Vocabulary
Vocabulary

Growth: Spanish Reading K-2 MI 2010

- Foundational Skills
  - Phonics and Word Recognition
  - Phonological Awareness
  - Print Concepts
- Language and Writing
  - Capitalize, Spell, Punctuate
  - Language: Grammar, Usage
  - Writing: Purposes: Plan, Develop, Edit
- Literature and Informational
  - Informational Text: Key Ideas, Details, Craft, Structure
  - Literature: Key Ideas, Craft, Structure
- Vocabulary Use and Functions
  - Language: Context Clues and References
  - Vocabulary Acquisition and Use

Growth: Spanish Reading 2-5 MI 2010

Literary Text
Analyze Theme and Literary Elements; Summarize
Analyze Point of View, Features, and Structure
Informational Text
Analyze Central Idea, Concepts, and Events; Summarize
Analyze Point of View, Purpose, Features, and Structure
Vocabulary
Vocabulary

Growth: Spanish Reading 6-8 MI 2010

Literary Text
Analyze Theme and Literary Elements; Summarize
Analyze Point of View, Features, and Structure
Informational Text
Analyze Central Idea, Concepts, and Events; Summarize
Analyze Point of View, Purpose, Features, and Structure
Vocabulary
Vocabulary

Growth: Math K-2 MI 2010 1.1

- Operations and Algebraic Thinking
  - Represent and Solve Problems
  - Properties of Operations
- Number and Operations
  - Understand Place Value, Counting, and Cardinality
  - Number and Operations: Base Ten and Fractions
- Measurement and Data
  - Solve Problems Involving Measurement
  - Represent and Interpret Data
- Geometry
  - Reason with Shapes and Their Attributes

Growth: Math 2-5 MI 2010 1.1

- Operations and Algebraic Thinking
  - Represent and Solve Problems
  - Analyze Patterns and Relationships
- Number and Operations
  - Understand Place Value, Counting, and Cardinality
  - Number and Operations in Base Ten
  - Number and Operations - Fractions
- Measurement and Data
  - Geometric Measurement and Problem Solving
  - Represent and Interpret Data
- Geometry
  - Reason with Shapes, Attributes, & Coordinate Plane

Growth: Math 6+ MI 2010 1.1

- Operations and Algebraic Thinking
  - Expressions and Equations
  - Use Functions to Model Relationships
- The Real and Complex Number Systems
  - Ratios and Proportional Relationships
  - Perform Operations
  - Extend and Use Properties
- Geometry
  - Geometric Measurement and Relationships
  - Congruence, Similarity, Right Triangles, & Trig
- Statistics and Probability
  - Interpreting Categorical and Quantitative Data
  - Using Sampling and Probability to Make Decisions

Growth: Algebra 1 CCSS 2010 1.1

- Equations and Inequalities
  - Reason Quantitatively and Use Units
  - Creating Equations and Inequalities
  - Reasoning with Equations and Inequalities
- Numerical and Algebraic Expressions
  - The Real Number System
  - Seeing Structure in Expressions
  - Arithmetic with Polynomials
- Functions
  - Interpreting Functions
  - Building Functions
  - Linear and Exponential Models
- Descriptive Statistics
  - Interpreting Categorical and Quantitative Data

Growth: Algebra 2 CCSS 2010 1.1

- Equations and Inequalities
  - Creating Equations and Inequalities
  - Reasoning with Equations and Inequalities
- Numerical and Algebraic Expressions
  - The Complex Number System
  - Seeing Structure in Expressions
  - Arithmetic with Polynomials and Rational Functions
- Functions
  - Interpreting Functions
  - Building Functions
  - Linear, Exponential, and Trigonometric Functions
- Descriptive Statistics
  - Descriptive Statistics

Growth: Geometry CCSS 2010 1.1

- Congruence, Similarity, Right Triangles, & Trig
  - Congruence
  - Similarity, Right Triangles, and Trigonometry
- Geometric Properties with Equations and Circles
  - Expressing Geometric Properties with Equations
  - Understand and Apply Theorems About Circles
- Geometric Measurement and Modeling
  - Geometric Measurement and Dimension
  - Modeling with Geometry
- Applications of Probability
  - Applications of Probability

Growth: High School Integrated Math 1 CCSS 2010 1.1

- Algebra and Quantities
  - Reason Quantitatively and Use Units
  - Creating Equations and Inequalities
  - Reasoning with Equations and Inequalities
  - Seeing Structure in Expressions
- Functions
  - Interpreting Functions
  - Building Functions
  - Linear and Exponential Models
- Geometry
  - Congruence
  - Expressing Geometric Properties with Equations
- Descriptive Statistics
  - Interpreting Categorical and Quantitative Data

Growth: High School Integrated Math 2 CCSS 2010 1.1

- Algebra and Number
  - The Real Number System
  - The Complex Number System
  - Creating Equations and Inequalities
  - Reasoning with Equations and Inequalities
  - Seeing Structure in Expressions
  - Arithmetic with Polynomials
- Functions
  - Interpreting Functions
  - Building Functions
  - Linear, Exponential, and Trigonometric Functions
- Geometry
  - Congruence
  - Similarity, Right Triangles, and Trigonometry
  - Circles
  - Expressing Geometric Properties with Equations
  - Geometric Measurement and Dimension
- Applications of Probability
  - Applications of Probability

Growth: High School Integrated Math 3 CCSS 2010 1.1

- Algebra and Number
  - The Complex Number System
  - Seeing Structure in Expressions
  - Arithmetic with Polynomials and Rational Expressions
  - Creating Equations and Inequalities
  - Reasoning with Equations and Inequalities
- Functions
  - Interpreting Functions
  - Building Functions
  - Linear, Exponential, and Trigonometric Functions
- Geometry
  - Geometry
- Descriptive Statistics
  - Descriptive Statistics

Growth: Spanish Math K-2 MI 2010

- Operations and Algebraic Thinking
  - Represent and Solve Problems
  - Properties of Operations
- Number and Operations
  - Understand Place Value, Counting, and Cardinality
  - Number and Operations: Base Ten and Fractions
- Measurement and Data
  - Solve Problems Involving Measurement
  - Represent and Interpret Data
- Geometry
  - Reason with Shapes and Their Attributes

Growth: Spanish Math 2-5 MI 2010

- Operations and Algebraic Thinking
  - Represent and Solve Problems
  - Analyze Patterns and Relationships
- Number and Operations
  - Understand Place Value, Counting, and Cardinality
  - Number and Operations in Base Ten
  - Number and Operations - Fractions
- Measurement and Data
  - Geometric Measurement and Problem Solving
  - Represent and Interpret Data
- Geometry
  - Reason with Shapes, Attributes, & Coordinate Plane

Growth: Spanish Math 6+ MI 2010

- Operations and Algebraic Thinking
  - Expressions and Equations
  - Use Functions to Model Relationships
- The Real and Complex Number Systems
  - Ratios and Proportional Relationships
  - Perform Operations
  - Extend and Use Properties
- Geometry
  - Geometric Measurement and Relationships
  - Congruence, Similarity, Right Triangles, & Trig
- Statistics and Probability
  - Interpreting Categorical and Quantitative Data
  - Using Sampling and Probability to Make Decisions

Growth: Science 2-5: for use with NGSS 2013 1.1

- Life Science
  - From Molecules to Organisms: Structures and Processes
  - Ecosystems: Interactions, Energy, and Dynamics
  - Heredity: Inheritance and Variation of Traits
  - Biological Evolution: Unity and Diversity
- Physical Science
  - Matter and Its Interactions
  - Motion and Stability: Forces and Interactions
  - Energy
  - Waves and Their Applications in Technologies for Information Transfer
- Earth and Space Science
  - Earth's Place in the Universe
  - Earth's Systems
  - Earth and Human Activity

Growth: Science 6-8: for use with NGSS 2013 1.1

- Life Science
  - From Molecules to Organisms: Structures and Processes
  - Ecosystems: Interactions, Energy, and Dynamics
  - Heredity: Inheritance and Variation of Traits
  - Biological Evolution: Unity and Diversity
- Physical Science
  - Matter and Its Interactions
  - Motion and Stability: Forces and Interactions
  - Energy
  - Waves and Their Applications in Technologies for Information Transfer
- Earth and Space Science
  - Earth's Place in the Universe
  - Earth's Systems
  - Earth and Human Activity

Growth: Science 9-12 Life Science: for use with NGSS 2013 1.1

From Molecules to Organisms: Structures and Processes

- Structure and Function; Information Processing
- Growth and Development of Organisms; Organization for Matter and Energy Flow in Organisms

Ecosystems: Interactions, Energy, and Dynamics

- Interdependent Relationships in Ecosystems; Social Interactions and Group Behavior
- Cycles of Matter and Energy Transfer in Ecosystems
- Ecosystem Dynamics, Functioning, and Resilience

Heredity: Inheritance and Variation of Traits; Biological Evolution: Unity and Diversity

- Inheritance and Variation of Traits
- Evidence of Common Ancestry and Diversity; Adaptation; Natural Selection; Biodiversity and Humans

Growth: Science 9-12: for use with NGSS 2013 1.1

- Life Science
  - From Molecules to Organisms: Structures and Processes
  - Ecosystems: Interactions, Energy, and Dynamics
  - Heredity: Inheritance and Variation of Traits
  - Biological Evolution: Unity and Diversity
- Physical Science
  - Matter and Its Interactions
  - Motion and Stability: Forces and Interactions
  - Energy
  - Waves and Their Applications in Technologies for Information Transfer
- Earth and Space Science
  - Earth's Place in the Universe
  - Earth's Systems
  - Earth and Human Activity