Grade 12 State Standards

Mathematics Standards

Content Standard 1: Students can understand and apply a variety of math concepts.

Benchmark A: Students can understand and apply number properties and operations.
Grade Level Indicator: Understand and apply number properties and operations

Benchmark B: Students can understand and apply concepts and procedures of algebra.
Grade Level Indicator: Understand and apply concepts and procedures of algebra

Benchmark C: Students can understand and apply concepts of geometry and measurement.
Grade Level Indicator: Understand and apply concepts of geometry and measurement.

Benchmark D: Students can understand and apply concepts in probability and statistics.
Grade Level Indicator: Understand and apply concepts in probability and statistics

Content Standard 2: Students can understand and apply methods of estimation.

Benchmark A: Students can understand and apply concepts and procedures of standard rounding, order of magnitude, and number sense
Grade Level Indicator: Understand and apply concepts and procedures of standard rounding, order of magnitude, and number sense
Grade Level Indicator: Evaluate reasonableness of solutions

Content Standard 3: Students can solve a variety of math problems.

Benchmark A: Students can solve math problems requiring multiple steps and operations
Grade Level Indicator: Solve math problems requiring multiple steps and operations

Benchmark B: Students can reason quantitatively
Grade Level Indicator: Reason quantitatively

Content Standard 4: Students can interpret data presented in a variety of ways.

Benchmark A: Students can make inferences based on data presented in a variety of ways

Grade Level Indicator: Make inferences based on data presented in a variety of ways

Benchmark B: Students can interpret data from a variety of sources

Grade Level Indicator: Interpret data from a variety of sources

Science Standards

Content Standard 1: Students can understand and apply skills used in scientific inquiry.

Benchmark A: Students can understand and apply the processes and skills of scientific inquiry

Grade Level Indicator: Understand and apply the processes and skills of scientific inquiry

Benchmark B: Students can analyze and interpret scientific information

Grade Level Indicator: Analyze and interpret scientific information

Content Standard 2: Students can understand concepts and relationships in biological science.

Benchmark A: Students can make inferences and predictions from data

Grade Level Indicator: Make inferences and predictions using fundamental Earth/space concepts

Benchmark B: Students can analyze scientific investigations

Grade Level Indicator: Analyze biological investigations

Benchmark C: Student can analyze and evaluate the adequacy and accuracy of information

Grade Level Indicator: Analyze and evaluate the adequacy and accuracy of biological information

Content Standard 3: Students can understand concepts and relationships in Earth/space sciences.

Benchmark A: Students can make inferences and predictions from data.

Grade Level Indicator: Make inferences and predictions fusing fundamental Earth/space concepts

Benchmark B: Students can analyze scientific investigations

Grade Level Indicator: Analyze Earth/space investigations

Benchmark C: Student can analyze and evaluate the adequacy and accuracy of information

Grade Level Indicator: Analyze and evaluate the adequacy and accuracy of Earth/space information

Content Standard 4: Student can understand concepts and relationships in physical science.

Benchmark A: Students can make inferences and predictions from data

Grade Level Indicator: Make inferences and predictions using fundamental physical science concepts

Benchmark B: Students can analyze scientific investigations

Grade Level Indicator: Analyze physical science investigations

Benchmark C: Student can analyze and evaluate the adequacy and accuracy of information

Grade Level Indicator: Analyze and evaluate the adequacy and accuracy of physical science information

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Literacy Standards

Content Standard 1: Students can comprehend what they read in a variety of literary and informational texts.

Benchmark A: Students can understand stated information they have read

Grade Level Indicator: Understand stated information

Benchmark B: Students can determine the literal meaning of specific words

Grade Level Indicator: Determine the literal meaning of specific words

Benchmark C: Students can draw conclusions, make inferences, and deduce meaning

Grade Level Indicator: Draw conclusions, make inferences, and generalizations

Benchmark D: Students can infer traits, feelings, and motives of characters or individuals

Grade Level Indicator: Infer traits, feelings, and motives of characters or individuals

Benchmark E: Students can make predictions based on stated information

Grade Level Indicator: Make predictions based on stated information

Benchmark F: Students can interpret nonliteral language used in a text

Grade Level Indicator: Interpret nonliteral language used in a text

Benchmark G: Students can determine the main idea, topic, or theme and make generalizations

Grade Level Indicator: Determine the main idea, topic, or theme

Benchmark H: Students can identify the author's views or purposes

Grade Level Indicator: Identify the author's views or purposes

Benchmark I: Students can distinguish among facts, opinions, and assumptions

Grade Level Indicator: Distinguish among facts, opinions, and assumptions

Benchmark J: Students can recognize aspects of a passage's style and structure and can recognize literary techniques

Grade Level Indicator: Recognize aspects of a passage's style and structure, and recognize literary techniques