

BUZZY BUZZY BEE (page 139)
Grades 2-7

SCIENCE

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SC03-S1C1-01 THRU 02
SC04-S1C1-01 THRU 04
SC05-S1C1-01 THRU 03
SC06-S1C1-01 THRU 03
SC07-S1C1-01 THRU 02

SC03-S4C1-01
SC04-S4C1-01
SC06-S4C1-01,06

SC02-S4C2-01,03
SC03-S4C2-01

SC02-S1C3-01 THRU 04
SC03-S1C3-01 THRU 03
SC04-S1C3-01 THRU 03
SC05-S1C3-01 THRU 05
SC06-S1C3-01 THRU 06
SC07-S1C3-01 THRU 07

SC03-S4C3-01 THRU 05
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SC07-S4C3-01,02,03,05

SC02-S1C4-01 THRU 02
SC03-S1C4-01 THRU 03
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SC05-S1C4-01 THRU 03
SC06-S1C4-01,02,03,05
SC07-S1C4-01,02,03,05

MATHEMATICS

Standard 1: Students develop number sense and use numbers and number relationships to acquire basic facts, to solve a wide variety of real-world problems, and to determine the reasonableness of results

Foundations

- 1M-F1. Represent and use numbers in equivalent forms through the use of physical models, drawings, word names and symbols
- 1M-F4. Demonstrate proficiency with the operations of addition and subtraction of whole numbers
- 1M-F5. Demonstrate proficiency with the operations of multiplication and division of single-digit numbers

Essentials

- 1M-E3. Demonstrate proficiency with the operations of multiplication and division of whole numbers

Standard 2: Students use data collection and analysis, statistics, and probability to make valid inferences, decisions and arguments and to solve a variety of real-world problems.

Foundations

- 2M-F1. Collect and analyze data using the concepts of largest, smallest, most often, least often and middle
- 2M-F2. Construct, read and interpret displays of data to make valid decisions, inferences and predictions
- 2M-F4. Understand the concept of sample

Essentials

- 2M-E1. Construct, read, analyze and interpret tables, charts, graphs and data plots
- 2M-E2. Make valid inferences, predictions and arguments based on statistical analysis

Standard 3: Students use algebraic methods to explore, model and describe patterns, relationships and functions involving numbers, shapes, data and graphs within a variety of real-world problem-solving situations.

Foundations

- 3M-F2. Formulate generalizations about patterns to make predictions
- 3M-F4. Represent and describe mathematical relationships such as order, grouping, etc.

Essentials

- 3M-E2. Describe, represent and analyze patterns and relationships using shapes, tables, graphs, data plots, verbal rules and standard algebraic notation

Standard 5: Students make and use direct and indirect measurement, metric and U.S. customary, to describe and compare the real world and to prepare for the study of discrete functions, fractals and chaos which have evolved out of the age of technology.

Foundations

- 5M-F2. Explain the concepts related to units of measure and demonstrate the process of measurement with non-standard, U.S. customary and metric units
- 5M-F4. Use discrete mathematical models for graphs to represent everyday situations

Essentials

- 5M-E1. Estimate, make and use measurements to describe and make comparisons
- 5M-E2. Select and use appropriate units and tools to measure to the degree of accuracy required in a particular problem-solving situation
- 5M-E4. Develop and use formulas and procedures to solve problems involving measurement
- 5M-E6. Use calculators and computers to perform basic recursive and iterative processes

LANGUAGE ARTS

Standard 2: Students effectively use written language for a variety of purposes and with a variety of audiences.

Foundations

- W-F4. Gather, organize and accurately, clearly and sequentially report information gained from personal observations and experiences such as science experiments, field trips and classroom visitors

Standard 4: Students use a variety of visual media and resources to gather, evaluate and synthesize information and to communicate with others.

Foundations

- Access, view and respond to visual forms such as computer programs, videos, artifacts, drawings, pictures and collages