Paper Towel Testing
Grades 5-9

Grade Level Expectations for the Sunshine State Standards
Correlation for Primary Grade 5 Only

SCIENCE

Strand H: The Nature of Science

Standard 1: The student uses the scientific processes and habits of mind to solve problems.

Benchmarks
SC.H.1.2.1 The student knows that it is important to keep accurate records and descriptions to provide information and clues on causes of discrepancies in repeated experiments.
SC.H.1.2.2 The student knows that a successful method to explore the natural world is to observe and record and then analyze and communicate the results.
SC.H.1.2.3 The student knows that to work collaboratively, all team members should be free to reach, explain, and justify their own individual conclusions.
SC.H.1.2.4 The student knows that to compare and contrast observations and results is an essential skill in science.
SC.H.1.2.5 The student knows that a model of something is different from the real things but can be used to learn something about the real thing.

Standard 3: The student understands that science, technology, and society are interwoven and interdependent.

Benchmarks
SC.H.3.2.2 The student knows that data are collected and interpreted in order to explain an event or concept.
SC.H.3.2.4 The student knows that, through the use of science processes and knowledge, people can solve problems, make decisions, and form new ideas.
**Strand A: Number Sense, Concepts, and Operations**

Standard 3: The student understands the effects of operations on numbers and the relationship among these operations, selects appropriate operations, and computes for problem solving.

**Benchmark**
MA.A.3.2.3 The student adds, subtracts, and multiplies whole numbers, decimals, and fractions, including mixed numbers, and divides whole numbers to solve real-world problems, using appropriate methods of computing, such as mental mathematics, paper and pencil, and calculator.

**Strand E: Data Analysis and Probability**

Standard 1: The student understands and uses the tools of data analysis for managing information.

**Benchmarks**
MA.E.1.2.1 The student solves problems by generating, collecting, organizing, displaying, and analyzing data using histograms, bar graphs, circle graphs, line graphs, pictographs, and charts.
MA.E.1.2.3 The student analyzes real-world data to recognize patterns and relationships of the measures of central tendency using tables, charts, histograms, bar graphs, line graphs, pictographs, and circle graphs generated by appropriate technology, including calculators and computers.
**Strand A: Reading**

**Standard 2: The student constructs meaning from a wide range of texts.**

**Benchmarks**

LA.A.2.2.5 The student reads and organizes information for a variety of purposes, including making a report, conducting interviews, taking a test, and performing an authentic task.

LA.A.2.2.8 The student selects and uses a variety of appropriate reference materials, including multiple representations of information, such as maps, charts, and photos, to gather information for research projects.

**Strand B: Writing**

**Standard 2: The student writes to communicate ideas and information effectively.**

**Benchmark**

LA.B.2.2.3 The student writes for a variety of occasions, audiences, and purposes.

**Strand C: Listening, Viewing, and Speaking**

**Standard 1: The student uses listening strategies effectively.**

**Benchmarks**

LA.C.1.2.1 The student listens and responds to a variety of oral presentations, such as stories, poems, skits, songs, personal accounts, informational speeches.

LA.C.1.2.3 The student carries on an extended conversation with a group of friends.

LA.C.1.2.4 The student listens attentively to the speaker, including making eye contact and facing the speaker.
Standard 1: The student understands how scarcity requires individuals and institutions to make choices about how to use resources.

Benchmark
SS.D.1.2.1 The student understands that all decisions involve opportunity costs and that making effective decisions involves considering the costs and the benefits associated with alternative choices.

Standard 2: The student understands the characteristics of different economic systems and institutions.

Benchmark
SS.D.2.2.2 The student understands the roles that money plays in a market economy.