

Curriculum Matrix for *Challenging Math Poetically*

The Curriculum Matrix illustrates the instructional design for this unit's standards. Standards may be classified as Taught and Assessed, Reviewed and Assessed, or Reinforced. **Note:** Complete wording for the standards can be found at the end of the matrices.

Key: D=Diagnostically Assessed F=Formatively Assessed S=Summatively Assessed T=Taught P=Practiced M=Modeled R=Reviewed/Reinforced							
Taught and Assessed							
Days	1	2	3	4	5	6	7
CT.B.1.4.1 (ISTE/NETS 5.1)	D				F P M	F P R	S
CT.B 1.1.14 (ISTE/NETS 5.2)	D					F P R	S
MA.D.1.4.1	D	F P M	F P M	F P R	F P M R	F P R	S
MA.E.1.4.1	D				F P M	F R	S
MA.E.1.4.1	D			F T P			S

Reinforced							
Days	1	2	3	4	5	6	7
LA.A.1.4.1					F P R		

Florida Process Standards (Goal 3) Addressed							
Information Managers, Cooperative Workers, Numerical Problem Solvers, Critical and Creative Thinkers, System Managers							

Florida Sunshine State Standards and Process (Goal 3) Standards

Taught and Assessed

CT.B.1.4.1

The student uses efficient search methods to locate information.

ISTE/NETS 5.1

Students use technology to locate, evaluate, and collect information from a variety of sources.

CT.B 1.1.14

The student uses spreadsheet programs to create and select the graph, which best represents data needed to analyze and complete assigned projects.

ISTE/NETS 5.2

Students use technology tools to process data and report results.

MA.D.1.4.1

Describes, analyzes and generalizes relationships, patterns, and functions using words, symbols, variables, tables and graphs.

MA.E.1.4.1

Interprets data that has been collected, organized, and displayed in charts, tables, plots.

MA.E.1.4.2

Calculates measures of central tendency (mean, median, mode) and dispersion (range, standard deviation, and variance) for complex sets of data and determines the most meaningful measure to describe the data.

Reinforced

LA.A.1.4.1

The student selects and uses prereading strategies that are appropriate to the text (such as discussion, making predictions, brainstorming, generating questions, and previewing) to anticipate content, purpose, and organization of a reading selection.

Florida Process Standards (Goal 3)

Information Managers

Florida students locate, comprehend, interpret, evaluate, maintain, and apply information, concepts, and ideas found in literature, the arts, symbols, recordings, video and other graphic displays, and computer files in order to perform tasks and/or for enjoyment.

Cooperative Workers

Florida students work cooperatively to successfully complete a project or activity.

Numerical Problem Solvers

Florida students use numeric operations and concepts to describe, analyze, communicate, synthesize numeric data, and to identify and solve problems.

Critical and Creative Thinkers

Florida students use creative thinking skills to generate new ideas, make the best decision, recognize and solve problems through reasoning, interpret symbolic data, and develop efficient techniques for lifelong learning.

System Managers

Florida students integrate their knowledge and understanding of how social, organizational, informational, and technological systems work with their abilities to analyze trends, design and improve systems, and use and maintain appropriate technology.