

Curriculum Unit
Title

Poetry in A Math Classroom

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KEY LEARNING, ENDURING UNDERSTANDING, ETC.

Real world situations can be described using different representations including graphs, words, physical objects, or equations.

ESSENTIAL QUESTION(S) for the UNIT

How do connections between math and poetry help us understand and explain our world?

CONCEPT A

Precise Mathematical Vocabulary

CONCEPT B

Poem Structure and Linear Regressions

CONCEPT C

Equations of Horizontal and Vertical Lines

ESSENTIAL QUESTIONS A

How does poem structure relate to mathematical structure?

ESSENTIAL QUESTIONS B

How can poetry be analyzed for linear relationships?

ESSENTIAL QUESTIONS C

What are the forms of the linear equations for horizontal and vertical lines?

VOCABULARY A

Prosody
Haiku
Tanka
Cinquain

VOCABULARY B

Linear regression
Correlation coefficient

VOCABULARY C

Horizontal Lines
Vertical Lines

ADDITIONAL INFORMATION/MATERIAL/TEXT/FILM/RESOURCES

Geometric artwork by Piet Mondrian