

Updated Interdisciplinary and Technology Standards for Mathematics 2022-2023

Kindergarten:

Interdisciplinary Standard:

SL.K.1 Participate in collaborative conversations with diverse partners about *kindergarten topics*. Answer questions such as how many, which one, what are, answering using learned math vocabulary.

Technology Standard:

8.1.2.AP.4: Break down a task into a sequence of steps.

First Grade:

Interdisciplinary Standard: Visual Arts 1.5.2.Cr1a: Creating 2D and 3D works of art and using math vocabulary to describe the shape.

Technology Standard:

8.1.2.AP.4: Break down a task into a sequence of steps.

Second Grade:

Interdisciplinary Standard:

Visual Arts 1.5.2.Cr1a: Using objects and shapes, create a visual arts array.

Technology Standard:

8.1.2.AP.4: Break down a task into a sequence of steps.

Third Grade:

Interdisciplinary Standard:

Visual and Performing Arts 1.5.5.Cr2a: Finding patterns (multiplication) in nature, music and visual arts.

Technology Standard:

8.2.5.ED.2: Collaborate with peers to collect information and brainstorm to solve a problem.

Fourth Grade:

Interdisciplinary Standard:

Visual Arts 1.5.5.Cr2a: Students will identify fractions with different pieces of art. Students will then compare and contrast their data with a partner's using similar art styles.

Technology Standard:

8.2.5.ED.2: Collaborate with peers to collect information and brainstorm to solve a problem.

Fifth Grade:

Interdisciplinary Standard:

Science 5-ESS1-1 - Use patterns with powers of 10 to compare the distance of the sun to Earth's relative distance.

Technology Standard:

8.2.5.ED.2: Collaborate with peers to collect information, brainstorm to solve a problem, and evaluate all possible solutions to provide the best results with supporting sketches or models.

Sixth Grade:

Interdisciplinary Standard W 6.2D Using precise language, students will write vocabulary rich, read world math problems demonstrating understanding of decimals for their partner to solve.

Technology Standard:

9.4.8.TL.6: Collaborate to develop work that provides perspectives on a real-world problem.

Seventh Grade:

Interdisciplinary Standard RI 7.1 Word problem analysis.

Technology Standard:

9.4.8.TL.6: Collaborate to develop and publish work that provides perspectives on a real-world problem.

Eighth Grade:

Interdisciplinary Standard: W.8.1

Error Analysis activity- students will correct "errors" made on an assessment and write an explanation to state why their corrections are accurate.

Technology Standard:

9.4.8.TL.6: Collaborate to develop and publish work that provides perspectives on a real-world problem.