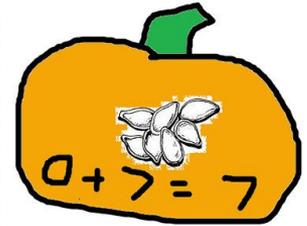


Razel Foundation Academy
4th Grade

Academic Curriculum

Math



The students will....

(RFA.4.M.1) Recall two-digit addition and subtraction facts to 20.

(RFA.4.M.2) Read, write, represent, compare and order, decimals to the nearest thousandths

(RFA.4.M.3) Add, subtract and solve single-step and multistep decimals

(RFA.4.M.4) Read, write, compare, order, compose and decompose the place and value of each nine digit whole number through millions to the nearest thousand, ten thousand, and hundred thousand.

(RFA.4.M.5) Recall, name, write, add and subtract fractions and mixed numbers with and without models and compare them.

(RFA.4.M.6) Demonstrate fluency of multiplication and division facts through 12×12 (solve single and multistep word problems, estimate and determine sums)

(RFA.4.M.7) Solve practical problems that involve determining perimeter and area in U.S. Customary and metric units. (estimate, measure lengths, weight/mass, liquid volume in U.S. Customary Units.)

(RFA.4.M.8) Solve practical problems related to elapsed time in hours and minutes within 12 hr time frame.

(RFA.4.M.9) Read, and classify quadrilaterals as parallelograms, rectangles, squares, rhombus and trapezoids.

(RFA.4.M.10) Identify and recognize congruent and non congruent figures. (number of angles, vertices, edges, and the number and shape of faces)

(RFA.4.M.11) Measure angles in whole-number degrees using a protractor (points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines).

(RFA.4.M.12) Measure angles in whole-number degrees using a protractor (points, lines, line segments, rays, angles (right, acute, obtuse), and perpendicular and parallel lines).

(RFA.4.M.13) Determine the likelihood of an outcome of a simple event. (probability as a number between 0 to 1, and create a model to represent probability)

(RFA.4.M.14) Collect, represent and interpret numerical and categorical data. (set of data displayed on a chart, bar graph, line graph, or pictograph)

(RFA.4.M.15) Identify, describe, create, and extend patterns. (Objects, pictures, numbers and tables)

(RFA.4.M.16) Recognize and demonstrate the meaning of equality in an equation.

Writing



The students will....

(RFA.4.W.1) Write complete sentences using correct capitalization and punctuation.

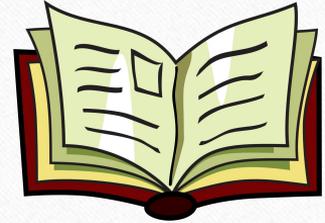
(RFA.4.W.2) Write narratives in which they recount three or more appropriately sequenced events, include details regarding what happened, dialogue, use transitional words to signal event order, and provide a sense of closure.

(RFA.4.W.3) Write opinion pieces in which they introduce the topic or name the book they are writing about, state an opinion, supply a reason for the opinion, and provide a sense of closure.

(RFA.4.W.4) Write informative/explanatory texts in which they name a topic, supply facts about the topic, and provide a sense of closure.

(RFA.4.W.5) Use a variety of digital tools to produce and publish writing, including in collaboration with peers.

Reading



The students will....

Literature

(RFA.4.RL.1) Explain how one or more characters develop throughout the plot in a text.

(RFA.4.RL.2) Explain the main idea and how it develops, using details, in a text.

(RFA.4.RL.3) Explain the authors perspectives in a text.

(RFA.4.RL.4) Identify types of poems: free verse, rhymed verse, and haiku.

(RFA.4.RL.5) Read and summarize a text using characters, setting, plot and main idea.

(RFA.4.RL.6) Identify and utilize unknown vocabulary.

(RFA.4.RL.7) Identify connections in text (text-to-self, text-to-text, and text-to-world).

Informational Text

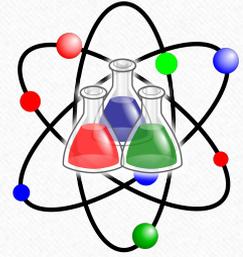
(RFA.4.RI.1) Utilize text features to identify the main idea and supporting details.

(RFA.4.RI.2) Explain the supporting details of a subtopic in an informational text.

(RFA.4.RI.3) Ask and answer questions connected to the informational text.

(RFA.4.RI.4) Compare and contrast two informational text.

Science



(RFA.4.S.1) Forces and Energy - Energy & Motion

(RFA.4.S.2) Using Energy - Types of Energy

(RFA.4.S.3) Earth - Evidence of Change

(RFA.4.S.4) Natural Resources in the Environment - Renewable and Nonrenewable Resources

(RFA.4.S.5) Living Things - Animals and Plants

Social Studies



(RFA.4.SS.1) America's Strengths

(RFA.4.SS.2) Northeast Society and its People

(RFA.4.SS.3) Southeast Society and its People

(RFA.4.SS.4) Midwest Society and its People

(RFA.4.SS.5) Southwest Society and its People

(RFA.4.SS.6) Western Society and it People