apply mathematics to problems arising in everyday life, society, and the workplace.[1A]

use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution.[1B]

communicate mathematical ideas, reasoning, and their implications using multiple representations, including symbols, diagrams, graphs, and language as appropriate.[1D]

create and use representations to organize, record, and communicate mathematical ideas.[1E]

analyze mathematical relationships to connect and communicate mathematical ideas.[1F]

plan a first draft by selecting a genre appropriate for conveying the intended meaning to an audience and generating ideas through a range of strategies (e.g., brainstorming, graphic organizers, logs, journals).[15A]

create brief compositions that establish a central idea in a topic sentence.[18Ai]

create brief compositions that include supporting sentences with simple facts, details, and explanations.[18Aii]

create brief compositions that contain a concluding statement.[18Aiii]

generate research topics from personal interests or by brainstorming with others, narrow to one topic, and formulate open-ended questions about the major research topic.[23A]
Science

construct simple tables, charts, bar graphs, and maps using tools and current technology to organize, examine, and evaluate data;[4.2]

explore how structures and functions enable organisms to survive in their environment;[4.10A]

Organisms and environments. The student knows that organisms undergo similar life processes and have structures and behaviors that help them survive within their environment.[4.10]

Organisms and environments. The student knows and understands that living organisms within an ecosystem interact with one another and with their environment.[4.9]

We will learn how to analyze, inform, and I will choose a the best pet for the class.

Activities: 1-2 weeks

We will research the different types of animals and their habitats and needs (science and reading)

We will then incorporate mate and do a bar graph illustration/dot plot/stem and leaf plot and frequency table into narrowing our class pet choices to 2 (math)

We will write an expository and explain out of the 2 choices which one would be a perfect class pet and why and explain with the information we researched.

Teacher Action:

Guide students decision-making and though process. Integrate math/reading/science/and English/writing

Student Action/Outcomes:

Student will go through real life decision process while understanding how everyday life decisions use math, reading, science, and english

Formative Assessment:

Exit Ticket - What they learned from the process.

Accommodations:

SPED & 504 Accommodations attached