Civic Education: Action Learning Strategies, part 2 Alignment with Alaska Content Standards

The course goals of Civic Education: Action Learning Strategies align with Alaska Content Standards in Government and Citizenship, History, English/Language Arts, and Library / Information Literacy and Cultural Standards. In addition, this course is modeled on standards established by the Center for Civic Education and the National Council of Social Studies.

Alaska Content Standard

Government and Citizenship

- A society's definition of authority, rights, responsibilities, through governmental process
- **B** constitutional foundations of American political system; democratic ideals of this nation
- C · character of the government of the state
- E · knowledge / skills to participate effectively as an informed, responsible citizen

History

- A history linking record of human experiences: past to present to future
- historical themes integrating factual knowledge of time, places, ideas, institutions, cultures, people, and events
- integration of historical knowledge with historical skill to effectively participate as a citizen and a lifelong learner

English / Language Arts

- A · speak / write for a variety of purposes and audience
- **B** competently and thoughtfully read, listen, and view literature, technical materials, and varied text
- C · utilize multiple strategies to complete projects
- D think logically and reflectively in presenting and explaining positions based on relevant and reliable information
- E understand and respect the perspectives of others in order to communciate effectively

Action Learning Strategies/Goals

- refine understanding of the Constitution the Bill of Rights, government, public policy, and the policymaking process
- identify the role of legislation and legislators in making and implementing public policy
- model the role of citizens monitoring / influencing public policy
- implement a simulated congressional hearing or implement a student civic project
- inquiry into the historical /philosophical foundations of the American political system
- analyze the fundamentals:
 the Constitution, the Bill of
 Rights, and the branches and
 levels of government
- elaborate the role of citizens in American democracy
- design of small group community service projects that incorporate public policy at the local level
- incorporate local, state and national resources to facilitate, review and judge student civic projects
- implement a simulated legislative hearing culminating the study of constitutional themes, class strategies, and civic responsibility

MATHEMATICS

NUMERATION

Read write model and order real numbers explaining scientific notation, exponents, and percents.

Model counting in a different base system

Translate hetween equivalent representa tions of the same number. Select a representation that is appropriate for the

Describe and model the relationship of fractions to decimals, percents, ratios, and proportions

Use, explain, and define the rules of divisibility. prime and composite numbers, multiples, and order of operations.

Use commutative, identity associative, and distributive properties with variables

MEASUREMENT

Estimate and measure various dimensions to a specified degree of accuracy

Estimate and convert measurements within the same system

Use a variety of methods and tools to construct and compare plane figures.

Describe and apply the relationships between dimensions of geometric figures to solve problems using indirect measurement: describe and apply the concepts of rate and scale.

Apply information about time zones and elapsed time to solve problems.

ESTIMATION & COMPUTATION

Apply, explain, and assess the appropriateness of a variety of estimation strategies including truncating and rounding to compatible numbers.

Apply basic operations efficiently and accurately, using estimation to check the reasonableness of

Add and subtract fractions, decimals, and percents.

Multiply and divide rational numbers in various forms including fractions decimals and nercents

Convert between equivalent fractions decimals percents and proportions Convert from exact to decimal representations of irrational numbers.

Solve problems using ratios and proportions

FUNCTIONS & RELATIONSHIPS

Identify numeric and geometric patterns to find the next term and predict the nth term

Identify and describe how a change in one variable in a function affects the remaining variables (e.g. how changing the length affects the area and volume of a rectangular prism)

Use a calculator to find a missing item in an arithmetic and a geometric sequence; predict the graph of each function.

Translate among and use tables of ordered pairs, graphs on coordinate planes, and linear equations as tools to represent and analyze patterns.

Find the value of a variable by evaluating formulas and algebraic expressions for given values.

GEOMETRY

Identify, classify, compare, and sketch regular and irregular polygons.

Model, identify, draw, and describe 3-dimensional figures including tetrahedrons, dodecahedrons. triangular prisms, and rectangular prisms.

Apply the properties of equality and proportionality to solve problems involving congruent or similar shapes

Estimate and determine volume and surface areas of solid figures using manipulatives and formulas estimate and find circumferences and areas of circles

Draw and describe the results of transformations including translations (slides), rotations (turns), reflections (flips), and dilations (shrinking or enlarging).

Use coordinate geometry to represent and interpret relationships defined by equations and formulas including distance and midpoint.

Draw, measure, and construct geometric figures including perpendicular bisectors. polygons with given dimensions and angles circles with given dimen sions perpendicular and

Read and follow multi-step

directions to complete a

task, and identify the

sequence prescribed.

STATISTICS/ PROBABILITY

Collect, analyze, and display data in a variety of visual displays including frequency distributions. circle graphs, box and whisker plots, stem and leaf plots, histograms, and scatter plots with and without technology.

Interpret and analyze information found in newspapers, magazines and graphical displays.

Determine and justify a choice of mean, median, or mode as the best representation of data for a practical situation.

Make projections based on available data and evaluate whether or not inferences can be made given the narameters of the data

Use tree diagrams and sample spaces to make predictions about independent events.

Design and conduct a simulation to study a problem and communicate

Analyze basic rules (con-

ventions) of the four genres

drama, novel, and poetry)

of fiction (short story,

PROBLEM-SOLVING

Analyze and summarize a problem using the relationships between the known facts and unknown information

Select, modify, and apply a variety of problem-solving strategies including graphing, inductive and deductive reasoning, Venn diagrams, and spreadsheets

Evaluate, interpret, and justify solutions to problems

Analyze and evaluate

narrative elements includ-

ing plot, character, setting

and point of view to deter

mine their importance to

the story

COMMUNICATION

Use math vocabulary symbols, and notation to represent information in the problem.

Represent a problem numerically, graphically, and symbolically; and translate among these alternative representations

Use appropriate vocabulary symbols, and technology to explain, justify, and defend mathematical solutions.

REASONING

Use informal deductive and inductive reasoning in both concrete and abstract contexts

State counterexamples to disprove statements.

lustify and defend the validity of mathematical strategies and solutions using examples and counterexamples.

CONNECTIONS

Apply mathematical skills and processes to science and humanities.

Apply mathematical skills and processes to situations with peers and community

READING

Apply knowledge of word origins, structure and context clues, and root words, and use dictionaries and glossaries to determine the meaning of new words and to comprehend

Rehearse and read texts aloud to an audience, in performances such as readers' theater reading to younger students or peers or as part of forma presentations including research reports and literature responses

Restate and summarize information or ideas from a text and connect new information or ideas to prior knowledge and experience



porting details



Clarify and connect main ideas and concepts, identify their relationship to other sources and related topics, and provide sup-









Form and explain own standards or judgments of quality writing.



Differentiate between fact and opinion in text

Analyze an author's purpose and offer a critical opinion of the effectiveness of the text in meeting that purpose.

Connect themes to personal experiences, experiences of others, and other texts and locate evidence from texts to support or illustrate these connections

Compare and contrast how texts reflect historical and cultural influences.

tion that includes a thesis statement, supporting evidence, and a conclusion



Select and use appropriate forms of fiction and nonfiction to achieve different purposes when writing for different audiences

Use the conventions of standard English includ ing grammar, sentence structure paragraph structure punctuation spelling, and usage in written work.

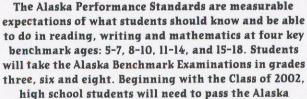


Revise writing to improve organization word choice paragraph development and voice appropriate to the purpose



List and document sources using a given format

Compose and edit a composition with a word processing program.



High School Qualifying Examination in order to receive a graduation diploma. These examinations will be based on the Alaska Performance Standards. The Alaska Performance Standards have been adopted by the State Board of Education.



