

SCIENCE

- S1C2PO2** Design a controlled investigation to support or reject a hypothesis
- S4C2PO2** Explain the basic principles of heredity
- S2C2PO2** Describe how scientific knowledge is subject to change
- S4C4PO6** Describe factors that allow for the survival of living organisms
- S4C4PO1** Explain how an organisms behavior allows it to survive in an environment
- S3C1PO2** Analyze possible solutions to address the environmental risks associated with chemicals and biological systems
- S5C2PO2** Newton's 1st Law Identify the conditions under which an object with continue in a state of motion
- S5C2PO3** Newton's 2nd Law Describe how the acceleration of a body is dependent on its mass and the net applied force
- S5C2PO4** Newton's 3rd Law Describe forces as interactions between bodies
- S1C2PO3** Conduct a controlled investigation to support or reject a hypothesis
- S5C1PO1** Identify the different kinds of matter based on the following physical properties: states • density • boiling point • melting point • solubility
- S5C1PO3** Identify the following types of evidence that a chemical reaction has occurred: • formation of a precipitate • generation of gas • color change • absorption or release of heat
- S5C1PO7** Investigate how the transfer of energy can affect physical and chemical properties of matter
- S3C1PO1** Analyze the risk factors associated with natural, human induced, and or biological hazards
- S1C2PO2** Design a controlled experiment/investigation to support or reject a hypothesis.

SOCIAL STUDIES

- Strand 1 PO 4.** Describe the significance of the following documents: a. Declaration of Independence, b. Articles of Confederation, c. Constitution, d. Bill of Rights
- Strand 3 PO 2.** Differentiate the roles and powers of the three branches of the federal government.
- Strand 5 PO 4.** Identify interdependence (e.g., North American Free Trade Agreement, European Union, International Monetary Fund/ World Bank) between nations.
- Strand 1 PO 2.** Explain how Pearl Harbor led to United States involvement in World War II.
- Strand 1 PO 4.** Explain how the following factors affected the U.S. home front during World War II: a. war bond drives, b. war industry, c. women and minorities in the work force, d. rationing, e. internment of Japanese-, German-, and Italian - Americans
- Strand 1 PO 2.** Describe the impact of the Cold War on the United States: a. McCarthyism, b. arms race, c. Space race, d. Cuban Missile Crisis, e. creation of the CIA
- Strand 1 PO 5.** Describe the impact that the following had on rights for individuals and groups: a. Jim Crow Laws – literacy test, poll taxes, Grandfather Clause, b. Civil Rights Movement, c. desegregation - military, schools, transportation, sports, d. United Farm Workers (i.e., César Chavez), e. National Organization for Women (NOW) – Equal Rights Amendment (ERA)
- Strand 1 PO 4.** Identify the role of the United States in the Vietnam Conflict.
- Strand 1 PO 5.** Describe events (e.g., Persian Gulf War, Berlin Wall falls) of the presidency of George H.W. Bush.

San Carlos Middle School



8th GRADE Safety Net Standards

MISSION STATEMENT

We exist to educate and empower students to become culturally responsive, global Nñee.

VISION STATEMENT

The vision of San Carlos Unified School District No. 20 is to be an effective student focused learning community graduating culturally confident citizens.

READING

- 8.RL.1** Cite the textual evidence that most strongly supports an analysis of what the text says explicitly as well as inferences drawn from the text.
- 8.RL.2** Determine a theme or central idea of a text and analyze its development over the course of the text, including its relationship to the characters, setting, and plot; provide an objective summary of the text.
- 8.RL.3** Analyze how particular lines of dialogue or incidents in a story or drama propel the action, reveal aspects of a character, or provoke a decision.
- 8.RL.4** Determine the meaning of words and phrases as they are used in a text, including figurative and connotative meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.
- 8.RL.10** By the end of the year, proficiently and independently read and comprehend literature, including stories, dramas and poetry, in a text complexity range determined by qualitative and quantitative measures appropriate to grade 8.
- 8.RL.2** Determine a central idea of a text and analyze its development over the course of the text, including its relationship to supporting ideas; provide an objective summary of the text.
- 8.RL.4** Determine the meaning of words and phrases as they are used in a text, including figurative, connotative, and technical meanings; analyze the impact of specific word choices on meaning and tone, including analogies or allusions to other texts.
- 8.RL.8** Delineate and evaluate the argument and specific claims in a text, assessing whether the reasoning is sound and the evidence is relevant and sufficient; recognize when irrelevant evidence is introduced.
- 8.RL.9** Analyze a case in which two or more texts provide conflicting information on the same topic and identify where the texts disagree on matters of fact or interpretation.
- 8.RL.10** By the end of the year, proficiently and independently read and comprehend informational texts and nonfiction in a text complexity range determined by qualitative and quantitative measures appropriate to grade 8.

MATH

- 8.NS.A.1** Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion.
- 8.EE.A.1** Understand and apply the properties of integer exponents to generate equivalent numerical expressions.
- 8.EE.B.5** Graph proportional relationships interpreting the unit rate as the slope of the graph. Compare two different proportional relationships represented in different ways
- 8.EE.C.7** Fluently solve linear equations and inequalities in one variable..
- 8.F.A.2** Compare properties of two functions each represented in a different way .
- 8.F.B.5** Describe qualitatively the functional relationship between two quantities by analyzing a graph.
- 8.G.A.1** Verify experimentally the properties of rotations, reflections, and translations.
- 8.SP.A.1** Construct and interpret scatter plots for bivariate measurement data to investigate and describe patterns such as clustering, outliers, positive or negative association, linear association, and nonlinear association.
- 8.SP.A.4** Understand that patterns of association can also be seen in bivariate categorical data by displaying frequencies and relative frequencies in a two-way table.
- 8.SP.B5** Find probabilities of compound events using organized lists, tables, tree diagrams, and simulation.

WRITING

- 8.W.1** Write arguments to support claims with clear reasons and relevant evidence.
- 8.W.2** Write informative/explanatory texts to examine a topic and convey ideas, concepts, and information through the selection, organization, and analysis of relevant content.
- 8.W.3** Write narratives to develop real or imagined experiences or events using effective technique, relevant descriptive details, and well-structured event sequences.
- 8.W.5** With some guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising, editing, rewriting, or trying a new approach, focusing on how well purpose and audience have been addressed.
- 8.W.7** Conduct short research projects to answer a question (including a self-generated question), drawing on several sources and generating additional related, focused questions that allow for multiple avenues of exploration.
- 8.W.8** Gather relevant information from multiple print and digital sources, using search terms effectively; assess the credibility and accuracy of each source; and quote or paraphrase the data and conclusions of others while avoiding plagiarism and following a standard format for citation.
- 8.W.10** Write routinely over extended time frames (time for research, reflection, and revision) and shorter time frames (a single sitting or a day or two) for a range of discipline-specific tasks, purposes, and audiences.
- 8.L.1** Demonstrate command of the conventions of Standard English grammar and usage when writing or speaking.
- 8.L.2** Demonstrate command of the conventions of Standard English capitalization, punctuation, and spelling when writing.
- 8.L.3** Use knowledge of language and its conventions when writing, speaking, reading, or listening. a. Use verbs in the active and passive voice and in the conditional and subjunctive mood to achieve particular effects.