

Science

(1) Scientific processes. The student uses scientific methods during field and laboratory investigations. The student is expected to:

(A) plan and implement descriptive and simple experimental investigations including asking well-defined questions, formulating testable hypotheses, and selecting and using equipment and technology; (5)

(B) plan and implement investigative procedures including asking questions, formulating testable hypotheses, and selecting and using equipment and technology; (6-8)

(C) collect information by observing and measuring; (5-8)

(D) analyze and interpret information to construct reasonable explanations from direct and indirect evidence; (5-6)

(E) organize, analyze, make inferences, and predict trends from direct and indirect evidence;
(6-7)

(F) communicate valid conclusions; (5-8)

(p.6)

(G) construct simple graphs, tables, maps, and charts using tools including computers to organize, examine, and evaluate information; and (5)

(H) construct graphs, tables, maps, and charts using tools including computers to organize, examine, and evaluate data. (6-8)

Social Studies

(1) Citizenship. The student understands the importance of individual participation in the democratic process. The student is expected to:

(A) explain how individuals can participate in civic affairs and political parties at the national level. (5)

(2) Citizenship. The student understands the relationship among individual rights, responsibilities, and freedoms in democratic societies. The student is expected to:

(A) identify and explain the importance of voluntary civic participation in democratic societies; and (6)

(B) explain relationships among rights and responsibilities in democratic societies. (6)

(3) Citizenship. The student understands the rights and responsibilities of Texas citizens. The student is expected to:

(A) identify civic responsibilities of Texas citizens. (7)

(4) Citizenship. The student understands the importance of the expression of different points of view in a democratic society. The student is expected to:

(A) identify different points of view of political parties and interest groups on important Texas issues; and (7)

(B) describe the importance of free speech and press in a democratic society. (7)

(5) Citizenship. The student understands the rights and responsibilities of citizens of the United States. The student is expected to:

(A) identify examples of responsible citizenship, including obeying rules and laws, voting, and serving on juries. (8)

(p.7)

(6) Citizenship. The student understands the importance of voluntary individual participation in the democratic process. The student is expected to:

(A) evaluate the contributions of the Founding Fathers as models of civic virtue. (8)

(7) Social studies skills. The student applies critical thinking skills to organize and use information acquired from a variety of sources including electronic technology. The student is expected to:

(A) differentiate between, locate, and use primary and secondary sources such as computer software; interviews, biographies; oral, print, and visual material; and artifacts to acquire information about the United States and Texas; (5)

(B) analyze information by sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations and predictions, and drawing inferences and conclusions; (5-8)

(C) organize and interpret information in outlines, reports, databases and visuals including graphs, charts, timelines, and maps; (5-8)

(D) identify different points of view about an issue or topic; (5-6)

(E) use appropriate mathematical skills to interpret social studies information such as maps and graphs; and (5-8)

(F) support a point of view on a social studies issue or event. (7-8)

(8) Social studies skills. The student communicates in written, oral, and visual forms. The student is expected to:

(A) use social studies terminology correctly; (5-8)

(B) incorporate main and supporting ideas in verbal and written communications; (5-6)

(C) express ideas orally based on research and experiences; (5-6)

(D) create written and visual material such as journal entries, reports, graphic organizers, outlines, and bibliographics; (5-6)

(E) use standard grammar, spelling, sentence structure, and punctuation; (5-8)

(F) transfer information from one medium to another, including written to visual and statistical to written or visual, using computer software as appropriate; and (7-8)

(G) create written, oral, and visual presentations of social studies information. (7-8)

(p.8)

(9) Social studies skills. The student uses problem-solving and decision-making skills, working independently and with others, in a variety of settings. The student is expected to:

(A) use a problem-solving process to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution and evaluate the effectiveness of the solution; and (5-8)

(B) use a decision-making process to identify a situation that requires a decision, gather information, identify options, predict consequences, and take action to implement a decision. (5-8)

