

Grade 7
LANGUAGE ARTS
Promotion Benchmarks

Oral Strand – Expand and enhance vocabulary through language and literature

1. Identifies and uses word origins, including Greek and Latin roots, prefixes, and suffixes, to enhance comprehension and vocabulary development (SOL 8.2) (POS 7.2.1)
2. Recognizes, understands, and uses analogies, idioms, similes, and metaphors (SOL 7.4) (POS 7.2.2)

Plan, compose, revise, and edit in a variety of forms for a variety of purposes

3. Applies knowledge of prewriting strategies (SOL 7.8) (POS 7.4.2)
4. Elaborates the central idea in an organized manner (SOL 7.8) (POS 7.4.2)
5. Includes sensory detail or figurative language in writing (SOL 7.8) (POS 7.4.2)
6. Revises writing for clarity using dictionary and thesaurus (SOL 7.8, & 7.10) (POS 7.4.2, 7.5.2)
7. Demonstrates evidence of editing for grammar, punctuation, and standard sentence formation (SOL 7.8) (POS 7.4.2)

Understand a variety of printed materials/resource materials

8. Uses print and electronic sources to locate information (SOL 7.10) (POS 7.5.2)

Understand elements of literature

9. Uses knowledge of text structure to aid comprehension (SOL 7.10) (POS 7.3.3)
10. Makes, confirms, and revises predictions (SOL 7.6) (POS 7.3.3)
11. Summarizes and retells (SOL 7.6) (POS 7.3.3)
12. Recognizes poetic elements such as word choice, dialogue, rhyme, and rhythm (SOL 7.7) (POS 7.3.4)

Grade 7
MATHEMATICS
Promotion Benchmarks

Number and Number Sense

1. Represents rational numbers as fractions, decimals, and percents (POS 7.1.1) (SOL 7.1)
2. Graphs rational numbers on a number line (POS 7.1.1) (SOL 7.1)
3. Simplifies numerical expressions that include integers and positive exponents by using the order of operations (POS 7.1.2) (SOL 7.2)

Computation and Estimation

4. Solves practical problems involving operations with positive rational numbers (POS 7.2.1) (SOL 7.4)
5. Solves problems involving sales tax, discount, tip, and simple interest (POS 7.1.5) (SOL 7.4)
6. Performs operations with integers by using concrete materials, pictorial representations, or paper and pencil (POS 7.1.3) (SOL 7.5)
7. Solves practical problems by using proportions (POS 7.1.5) (SOL 7.6)

Measurement

8. Solves problems involving the perimeter of two-dimensional figures (POS 7.4.1) (SOL 7.7)
9. Solves problems involving the area of two-dimensional figures (POS 7.4.1) (SOL 7.7)
10. Solves problems involving the volume of rectangular prisms and cylinders (POS 7.4.1) (SOL 7.8)
11. Solves problems involving the surface area of rectangular prisms and cylinders (POS 7.4.1) (SOL 7.8)

Geometry

12. Compares and contrasts quadrilaterals (POS 7.3.4) (SOL 7.9)
13. Writes proportions to express the relationships between corresponding parts of similar triangles and similar quadrilaterals (POS 7.3.3) (SOL 7.11)
14. Graphs ordered pairs in a coordinate plane (POS 7.2.3) (SOL 7.12)

15. Graphs the translation of a polygon on a coordinate plane (POS 7.3.1) (SOL 7.13)

Probability and Statistics

16. Identifies the number of possible arrangements of several objects by using the fundamental counting principle or a tree diagram (POS 7.5.5) (SOL 7.15)

17. Solve problems involving measures of central tendency (POS 7.5.2) (SOL 7.16)

18. Displays data as frequency distributions and histograms (POS 7.5.1) (SOL 7.17)

19. Displays data using box-and-whisker plots (POS 7.5.1) (SOL 7.17)

Patterns, Functions, and Algebra

20. Analyzes arithmetic and geometric sequences to find the next term (POS 7.5.2) (SOL 7.19)

**Grade 7
SCIENCE
Promotion Benchmarks**

Scientific Investigation

1. Forms a hypothesis (POS 7.4.1-c) (SOL LS.1)
2. Makes and records observations (POS 7.4.3-a) (SOL LS.1)
3. Uses tools, techniques and metric units to measure temperature and length (POS 7.4.3-b) (SOL LS.1)
4. Interprets data charts and graphs, recognizes patterns and trends in the data (POS 7.4.3-d, 7.4.4-a) (SOL LS.1)

Living Systems

5. Recognize that different types of cells have different functions (POS 7.1.1-d) (SOL LS.2)
6. Explains the characteristics that differentiate a living thing from a nonliving thing (POS 7.1.3-a) (SOL LS.3)
7. Identifies the basic needs of plants and animals. (POS 7.1.3-b) (SOL LS.3)

Ecosystems

8. Describes the process of photosynthesis in terms of raw materials and products (POS 7.1.4-a) (SOL LS.6)
9. Predicts what changes might occur if one component of an ecosystem is changed by natural and human causes (POS 7.1.9-a, b) (SOL LS.11)

Heredity and Diversity

10. Distinguishes between inherited and non-inherited traits (POS 7.1.11-a) (SOL LS.13)
11. Explains how variation can occur in offspring (POS 7.1.12-a) (SOL LS.14)
12. Identifies what is hereditary information and where it is stored (POS 7.1.11e) (SOL LS.13)

Grade 7
SOCIAL STUDIES
Promotion Benchmarks

United States Geography

1. Use map-reading skills to describe the impact of geography on the history of the United States (POS 7.1.1) (SOL USII.2)

United States History: 1877 to the Present

2. Identify the reasons for and the impact of westward expansion, including the transcontinental railroad, discovery of gold and silver, Homestead Act, technological advances, cattle drives, and Indian reservations (POS 7.1.3) (SOL USII.2a, USII.3a, b)
3. Describe the reasons for the rise of big business and industrialization in the late 1800s and its impact on American life, including corporations, examples (railroad, oil, and steel), and inventions (POS 7.1.4) (SOL USII.3b, d)
4. Describe the causes of increased immigration and the impact on the United States in the late 1800s, including reasons for growth of cities and conditions in cities (POS 7.1.5) (SOL USII.3b)
5. Identify how the reforms of the Progressive Movement changed life in the United States to include the rise of organized labor, changes in the workplace, and women's suffrage. (POS 7.1.6) (SOL USII.3e)
6. Explain how the results of the Spanish-American War led to the emergence of the United States as a world power. (POS 7.1.7) (SOL USII.4a)
7. Analyze the causes of United States' entry into World War I, including the inability to remain neutral due to economic and political ties to Great Britain and German submarine warfare (POS 7.1.7) (SOL USII.4b)
8. Describe the significant social and cultural changes of the 1920s, including Prohibition, the Great Migration, and the Harlem Renaissance (POS 7.1.8) (SOL USII.5b, c)
9. Identify the impact of the Great Depression on Americans and the major features of Franklin D. Roosevelt's New Deal (POS 7.1.9) (SOL USII.5d)
10. Describe the impact of WWII on people's lives including the Holocaust, Americans at home, and the atomic bomb (POS 7.1.10) (SOL USII.6b)
11. Define the term *Cold War*; sequence and explain how events affected the spread and containment of communism to include Korea, Vietnam, the Cuban Missile Crisis, the fall of the Berlin Wall, and the break-up of the Soviet Union (POS 7.1.11) (SOL USII.7c)

12. Describe the post WWII civil rights movement, including segregation vs. desegregation, the impact of Rosa Parks' and Martin Luther King, Jr.'s actions, and changes in government policy (POS 7.1.12) (SOL USII.8a)