

PRACTICE TEST ANSWER KEY

Grade 7 English & Spanish Science



Item Number	Key	Standards
1	A	07.II.II.III.01 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark III: Performance Standard 1: Structure of Organisms: Understand that organisms are composed of cells and identify unicellular and multicellular organisms.
2	B	07.II.II.I.02 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark I: Performance Standard 2: Populations and Ecosystems: Explain biomes (i.e. aquatic, desert, rainforest, grasslands, tundra) and describe the New Mexico biome.
3	D	07.I.I.III.01 Scientific Thinking and Practice: Content Standard I: Benchmark III: Performance Standard 1: Understand that the number of data (sample size) influences the reliability of a prediction.
4	CR-2	07.II.II.I.06 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark I: Performance Standard 6: Biodiversity: Understand how diverse species fill all niches in an ecosystem.
5	CR-2	07.I.I.III.02 Scientific Thinking and Practice: Content Standard I: Benchmark III: Performance Standard 2: Use mathematical expressions to represent data and observations collected in scientific investigations.
6	CR-4	07.II.II.I.05 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark I: Performance Standard 5: Populations and Ecosystems: Describe how the availability of resources and physical factors limit growth (e.g. quality of light and water, range of temperature, composition of soil) and how the water, carbon, and nitrogen cycles contribute to the availability of those resources to support living systems.
7	B	07.II.I.I.03.a Content of Science: Content Standard I: PHYSICAL SCIENCE: Benchmark I: Performance Standard 3.a: Identify characteristics of radioactivity, including: decay in time of some elements to others.
8	C	07.II.II.II.06.a Content of Science: Content Standard II: LIFE SCIENCE: Benchmark II: Performance Standard 6.a: Heredity: Know that hereditary information is contained in genes that are located in chromosomes, including: determination of traits by genes.
9	C	07.II.II.I.06 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark I: Performance Standard 6: Biodiversity: Understand how diverse species fill all niches in an ecosystem.
10	CR-2	07.I.I.II.02 Scientific Thinking and Practice: Content Standard I: Benchmark II: Performance Standard 2: Critique procedures used to investigate a hypothesis.
11	CR-2	07.II.III.I.01 Content of Science: Content Standard III: EARTH AND SPACE SCIENCE: Benchmark I: Performance Standard 1: Explain why Earth is unique in our solar system in its ability to support life.
12	CR-4	07.II.II.II.04 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark II: Performance Standard 4: Reproduction: Know that organisms that sexually reproduce fertile offspring are members of the same species.
13	D	07.I.I.III.01 Scientific Thinking and Practice: Content Standard I: Benchmark III: Performance Standard 1: Understand that the number of data (sample size) influences the reliability of a prediction.

■ = Written response

Practice Test Answer Key • Grade 7 Science

Item Number	Key	Standards
14	A	07.II.II.II.10 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark II: Performance Standard 10: Biological Evolution: Identify adaptations that favor the survival of organisms in their environments (e.g., camouflage, shape of beak).
15	D	07.II.II.II.02 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark II: Performance Standard 2: Reproduction: Identify the differences between sexual and asexual reproduction.
16	A	07.III.I.I.02 Science and Society: Content Standard I: Benchmark I: Performance Standard 2: Analyze how technologies have been responsible for advances in medicine (e.g., vaccines, antibiotics, microscopes, DNA technologies).
17	CR-4	07.I.I.II.01 Scientific Thinking and Practice: Content Standard I: Benchmark II: Performance Standard 1: Describe how bias can affect scientific investigation and conclusions.
18	C	07.II.I.III.01.b Content of Science: Content Standard I: PHYSICAL SCIENCE: Benchmark III: Performance Standard 1.b: Know that forces cause motion in living systems, including: forces in specific systems in the human body (e.g., how the heart generates blood pressure, how muscles contract and expand to produce motion).
19	B	07.I.I.I.01 Scientific Thinking and Practice: Content Standard I: Benchmark I: Performance Standard 1: Use a variety of print and web resources to collect information, inform investigations, and answer a scientific question or hypothesis.
20	C	07.II.III.I.01 Content of Science: Content Standard III: EARTH AND SPACE SCIENCE: Benchmark I: Performance Standard 1: Explain why Earth is unique in our solar system in its ability to support life.
21	CR-2	07.II.II.III.04 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark III: Performance Standard 4: Function of Cells: Compare the structure and processes of plant cells and animal cells.
22	CR-2	07.II.II.II.04 Content of Science: Content Standard II: LIFE SCIENCE: Benchmark II: Performance Standard 4: Reproduction: Know that organisms that sexually reproduce fertile offspring are members of the same species.