



Springville Elementary Course Description 2010-2011

Elementary course descriptions as determined by the Utah State Office of Education

LANGUAGE ARTS

ELE L00–L60 LANGUAGE ARTS (Grades 3 – 6)

Students are introduced to literacy learning including the increased skill development in reading, writing, listening, speaking, viewing, and presenting. The Language Arts core focuses on eight standards:

- Standard 1-Oral Language Scope & Sequence Chart
- Standard 2-Concepts of Print Scope & Sequence Chart
- Standard 3-Phonological and Phonemic Awareness Scope & Sequence Chart
- Standard 4-Phonics and Spelling Scope & Sequence Chart
- Standard 5-Fluency Scope & Sequence Chart
- Standard 6-Vocabulary Scope & Sequence Chart
- Standard 7-Comprehension Scope & Sequence Chart
- Standard 8-Writing Scope & Sequence Chart

MATHEMATICS

ELE M30 MATHEMATICS

Students will learn problem solving through the mathematical concepts of place value, base-ten numeration, operations with whole numbers, analyzing the attributes of two dimensional shapes, using appropriate units of measurement, and the proper collection and organization of data to make predictions.

ELE M40 MATHEMATICS

Students will learn problem solving through the mathematical concepts of analyzing relationships between numbers, performing operations with whole numbers and simple fractions and decimals, understanding the attributes of plane geometric objects and shapes, describing relationships among units of measurement ,using formulas to find area measurements, and properly collecting and organizing data to make predictions.

ELE M50 MATHEMATICS

Students will learn problem solving through the mathematical concepts of explaining relationships and equivalencies among integers fractions decimals and percents, using patterns and relations to represent and analyze mathematical problems and number relationships using algebraic symbols, using spatial reasoning to recognize, describe, and analyze geometric shapes and principles, describing relationships between two- and three-dimensional shapes and analyze attributes and properties of geometric shapes, determining area of polygons and surface area and volume of three-dimensional shapes, and constructing and analyzing reasonable conclusions from data and applying basic concepts of probability.

ELE M60 MATHEMATICS

Students will learn problem solving through the mathematical concepts of expressing numbers in scientific notation using positive powers of ten, solving problems involving multiple steps, using patterns, relations, and algebraic expressions to represent and analyze mathematical problems and number relationships, using spatial and logical reasoning to recognize, describe, and analyze geometric shapes and principles, understanding and applying measurement tools and techniques to find the circumference and area of a circle, and designing investigations to reach conclusions using statistical methods to make inferences based on data.

SCIENCE

ELE S30 SCIENCE INVESTIGATIONS

Students will learn about interactions, relationships, relative motion, and cause and effect. They study the movement of Earth and the moon. They begin to learn of forces that move things; they learn of heat and light. Third graders observe, classify, predict, measure, and record.

ELE S40 SCIENCE INVESTIGATIONS

Students will learn about environments including; weather, water cycle, rocks, fossils, soils, plants and animals. Understanding the concepts of cycles is an essential component of science literacy and is introduced at this grade level. Students will learn to classify objects and use science as a process for obtaining knowledge based on observable evidence.

ELE S50 SCIENCE INVESTIGATIONS

Students will learn about the constantly changing Earth's surface. They will investigate physical and chemical changes in matter. They will begin to relate causes for changes with their effects. Students will have opportunity to investigate the effects of various forces, such as magnetism and electricity upon materials. They will begin to learn how traits passed from parent organisms to their offspring effect their survival.

ELE S60 SCIENCE INVESTIGATIONS

Students will learn to begin to relate to the incredible size and distance of objects in the solar system, galaxy, and universe, as well as compare their world to the miniscule scale of microorganisms. Students will also understand how relative position affects such events as the appearance of the moon and the changing of the seasons. Students will experiment with heat, light, and sound, and begin to understand concepts of energy.

SOCIAL STUDIES

ELE H30 INDIGENOUS COMMUNITIES

Students will learn about culture and community, focusing on their own local community's heritage as well as learning about the cultures of indigenous communities. They will study the interrelationships between physical geography and cultural development. They will also learn about representative government and their own personal civic responsibility in the classroom, community, and country.

ELE H50 UNITED STATES STUDIES

Students will explore significant eras in United States history, eras that paint in broad terms some of the significant themes of the story of America. These eras are Exploration and Colonization, Beginnings of Self-Government, the Constitution and Bill of Rights, the Expansive 19th Century, and The United States on the World Stage.

ELE H60 WORLD STUDIES

Students will learn about selected regions of the world and the societies that have formed there, learning about their systems of governance, the rights and responsibilities they hold, how their societies have changed and continued over time, and how these regions are interconnected. Specific epochs of time include Ancient Civilizations, The Middle Ages and Renaissance, The Age of Revolutions, and The Modern World.

PHYSICAL EDUCATION / HEALTH

ELE P50 PHYSICAL & HEALTH EDUCATION

Students are expected to understand and demonstrate clearly-defined combinations of movements. The course is designed to provide students opportunities for successful participation. Students learn the importance of nutrition as it relates to health and physical fitness. Fourth graders will receive advanced instruction in team activities, and the importance of following team rules. Fifth graders will learn to participate in cooperative and competitive games and will learn how levels of physical activity and food intake are related to obesity and obesity-related diseases.

THE ARTS

ELE A01 ART

Students will learn to be active participants in the creation of artwork. Students will learn other significant attributes of art such as aesthetics and the relationship of art to other learning as they focus on: creating, perceiving, expressing, and contextualizing.

ELE A02 MUSIC

Students will have affective, cognitive, and psychomotor experiences in music. The Utah Elementary Music Core and this course are designed to keep the joy of creating, making, and experiencing music at the center by involving children in developmentally appropriate and holistic learning experiences in singing, playing, creating, and listening.

ELE A01 DRAMA

Theater, the imagined and enacted world of human beings, is one of the primary ways children learn about actions and consequences, about customs and beliefs, and about others and themselves. Students will develop skills across the domains of acting preparation, acting performance, script, audience, and design.

EDUCATIONAL TECHNOLOGY

ELE T01 KEYBOARDING

Students will learn appropriate keyboarding techniques and skills including: feet positioning, centering of the body in relation to the keyboard, elbow positioning, finger positioning wrist positioning, keying by touch, keying with rhythm.