

Grade 6 Curriculum Overview

RELIGION

- Study of the Old Testament
- Study of sources and nature of Scripture
- Identify abbreviations and geographic locations
- Significant people from the Old Testament: Abraham, Moses, David, Ruth, Isaiah and other men and women
- Writing depicting Creation, the Exodus, Moses and the Ten Commandments, and the Passover are read, studied and discussed
- Explore concept of virtue
- Theological virtues of faith, hope and love
- Moral virtues of prudence, justice, fortitude and temperance

LANGUAGE ARTS

Reading

- Enjoy listening to, reading from and talking about books--recognize and recall main idea, sequence, cause and effect
- Predict outcome
- Distinguish fact and opinion
- Apply what has been learned from reading to other situations

Writing

- Participate in activities which precede writing
- Write ideas with fluency and confidence
- Re-see own writing for unity and coherence
- Examine use of precise and descriptive words
- Reconstruct sentences for variety
- Use a thesaurus to choose words which capture tone and mood
- Apply basic editing skills to final draft of writing (correct grammar, mechanics and usage and spelling appropriate to grade level)
- Write short report indicating sources

Listening

- Use appropriate listening/responding behavior
- Recall and identify important details
- Recall important details for notetaking
- Follow oral directions

Speaking

- Tell stories, share experiences and ideas appropriately, clearly, audibly and expressively
- Ask appropriate questions and make comments relevant to topic
- Prepare, deliver oral presentations, speeches, reports, etc.
- Choose appropriate vocabulary (formal vs informal)
- Use appropriate body language, eye contact
- Express ideas concisely
- Paraphrase and summarize material

Study Skills

- Use dictionary for cross referencing, word origin, run-on entries, to interpret alternate pronunciations and spellings
- Use reference materials, library classification systems
- Outline information
- Skim, scan, summarize
- Develop flexible reading rate
- Take notes from written materials and lectures
- Use SQ3R for studying content

MATHEMATICS

- Place value / addition and subtraction: compare and order, round and estimate numbers
- Multiply and divide whole numbers: one / two digit divisors, order of operations (Algebra)
- Prime and composite numbers; prime factorization
- Fraction and decimal concepts
- Multiply and divide fractions and decimals
- Customary and metric units of measure: relate customary and metric units
- Collect and analyze data: surveys and sampling, measures of central tendency
- Graph data: frequency tables and histograms, stem-and-leaf plots, make double line graphs
- Integers and Algebra: add, subtract, multiply and divide integers; Algebra: expressions and equations, patterns, functions and coordinate plane
- Geometry: plane figures, congruence and construction, perimeter, circumference, area, volume and surface area
- Ratio and proportion, understand and use percent, probability
- Rational numbers and expressions, equalities and inequalities

SCIENCE

- Scientific Method
- Matter and its changes: physical and chemical properties
- Atoms, elements and the Periodic Table
- Motion, forces and simple machines: Newton's Laws of Motion
- Energy: changes, temperature, chemical energy
- Electricity and magnetism: charges and forces, electric current
- Wave properties and behavior
- Earth's changing surface: rocks and minerals, forces shaping earth, weathering and erosion, atmosphere in motion
- Exploring space: the solar system and beyond
- Life's diversity: cells, invertebrate and vertebrate animals, the human body, genes in inheritance
- Ecology and Earth's resources

SOCIAL STUDIES

- Use of the eight strands of social studies (economics, citizenship, geography, skills, government, history, science and technology, and culture) to organize, analyze and evaluate situations from history and current world events.
- Development of basic geographic and study skills integrated into material.
- Emphasis on theme of relationships within places.
- Evaluate how groups of people chose to provide for human needs.
- How people have adapted to their different environments.
- Positive and negative influences of technology on the environment.
- Global interdependence—responsibility to one another across continents and centuries.
- Movements of populations as a changing pattern in world geography, e.g. from drought areas, from one country to another.
- Study of population density and its relationship to the environment.
- Analyze political, historical, relief, and thematic maps.
- History of world cultures from Sumer forward.

PE, Music, Art, Computer and Spanish instruction is provided through East China School District's Shared Time program with district-area nonpublic schools.