

5TH GRADE CURRICULUM

LANGUAGE ARTS

Reading Street

Scott Foresman 2008

Composition—Students practice writing, from planning to proofreading, as they write a memoir, an editorial, a research paper, a business letter, and more.

Grammar, Usage, and Mechanics—Students learn about parts of speech, punctuation, and research skills. They continue sentence analysis and diagramming.

Vocabulary—The Vocabulary Workshop helps students enrich their vocabulary, develop word analysis skills, and prepare for standardized tests.

Spelling—Students learn sound-symbol relationships and spelling patterns identify affixes and how they affect the meaning of words, and recognize base words and roots in related words.

LITERATURE

Students analyze, compare, and creatively respond to a variety of works.

SCIENCE: Houghton Mifflin – 2007

LIFE SCIENCES

Life Processes

Cells

Plant Systems

Traits of Living

PHYSICAL SCIENCES

Structure and Characteristics of Matter

Forces, Motion, and Work

Energy and Waves

Temperature and Heat

Energy

ECOSYSTEMS

Interactions among Living Things

Ecosystems, Communities, and Biomes

Life in Ecosystems

INVESTIGATION AND

EXPERIMENTATION

Scales, Maps, and Fractions

EARTH SCIENCES

Earth's Changing Surface

Earth's Structure

Using Resources Wisely

Atmosphere and Solar System

Weather and Climate

Exploring Space

MATHEMATICS: Sadlier-Oxford 2008

NUMBER SENSE

Place Value, addition, and Subtraction
Multiplication of Products
Division of Quotients
Add and Subtract Fractions
Add and Subtract Fractions
Multiply and Divide Fractions
Adding and Subtract with Decimals
Multiply and Divide with Decimals

GEOMETRY

Identify Angles, Polygons, and Triangles
Perimeters, Circles, and Circumference
Lines of Symmetry and Transformations
Number Theory and Fractions
Lines of Symmetry and Transformations
Problem-Solving Applications
Units of Length, Capacity, and Weight
Measurement and Metric Unit Systems
Temperature, Time, and Zones
Solid Figures, Surface Area, and Volume
Ratio, Proportion, and Percent

ALGEBRA AND FUNCTIONS

Expressions and Equations
Operation of Equations
Operation of Integers
Coordinate Plane and Functions
Problem-Solving Strategy

PROBABILITY AND STATISTICS

Range, Median, Mean, and Mode
Graphing Senses
Line Plots and Histograms
Problem-Solving Strategies

MATHEMATICAL REASONING

Concepts & Application of Data
Analyzing Problems
Sequencing & Prioritizing
Identifying relationships
Estimation of results
Precision & Accuracy
Generalizing Circumstances

ISLAMIC STUDIES

I Love Islam

Islamic Services Foundation 2008

Iman and Tawheed, this will cover how Tawheed was the Message of all Prophets, the 99 names of Allah swt, his attributes and qualities, Shirk and effects of Shirk.

Inshallah the Tafseer of Surat Al Mulk will also be covered in depth.

Prophets of Allah, this will cover why Allah sent down Prophets, the difference between Nabi and Rasool, their tasks and mission in life, Prophets Nuh, Salh and Hud (a).

Students will also do Tafseer of Surat Nuh.

History and Seerah, this will cover the Story of Salman al Farsi (r) and his search for truth, all Arabs attack Medinah and the Battle of Al Khandaq, the tribes around Medinah. The Tafseer of Srat Al Mursalat and the high winds will be part of this unit.

Ibadah and Worship, this will cover the meaning of Ibadah, sincerity in worship, various forms of Worship and Prayer, Salat-ud-Duha, Salat-ul-Witr, Salat-ul-Musafir and appreciation of Allah's gifts and showing gratitude through worship.

Duas/Hadith, the students will also be memorizing and learning the meanings of various duas and short ahadith which relate to their daily life.

The goal of the program is to develop an Islamic personality through the inculcation of Islamic values and nurturing of Islamic behavior.

HISTORY

Building A Nation

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History

- Describe current theories of migration from Asia to the Americas
- Identify characteristics of major societies in North America before 1492
- Compare and contrast kinds of shelter and acquisition of food
- Compare and contrast customs and beliefs
- Describe the duties of men and women
- Describe major accomplishments of Native Americans in North America before 1600

Geography

- Review and practice use of maps, globes, latitude, and longitude
- Identify and locate on a map the major physical features of North America
- Locate on a map the Bering Sea and land bridge
- Trace the migration routes of the early Native Americans
- Identify and describe major climate regions of the United States
- Describe the impact of climate and geography on the way Native Americans lived

Economics

- Give examples of the ways in which Native Americans traded with each other
- Analyze the change in economics and ways of life that occurred as a result of the Spanish introduction of the horse to North America