

**Subject** Religion

**Grade** 5

**Purpose:** Students are introduced to sacraments as God's Gifts of Life.

**Outcomes (Grouped by themes):**

**1. Doctrine**

The Students will:

1. Appreciate God's gifts of creation
2. Recall God as Creator of all things and that he created human beings in his own image
3. Learn that Jesus is God's greatest gift to humanity
4. Recall that Christ invites us to be members of the Church through Baptism
5. Understand the doctrine of Incarnation
6. Realize Christians are called to serve others and exemplify the fruits of the Holy Spirit
7. Realize God reveals himself through the scriptures
8. Discover the connection between the Old Testament and Jesus
9. Identify their positive characteristics and the ones that need improvement
10. Understand that God created the world out of love, but Adam and Eve hurt human nature through sin
11. Reflect on how God is a loving and merciful Father
12. Discover that Reconciliation provides forgiveness of sin after Baptism
13. Assess the qualities of a good leader

**2. Scripture**

The Students will:

1. Locate verses in the Bible
2. Paraphrase key verses

**3. Morality**

The Students will:

1. Recognize that when gifts and talents are used, the Church is being built
2. Identify ways to live the Beatitudes in everyday life
3. Discover that the grace received in the sacraments helps us to meet challenges
4. Discover that scripture can guide one in making good choices
5. Conclude that scripture and church teachings provide guidance for living a moral life
6. Describe the importance of following rules in society and in families

7. Form healthy conscience by identifying right and wrong actions
8. Appreciate that people experience love in many different ways
9. Respect their bodies and bodies of other
10. State the four cardinal virtues

#### **4. Prayer and Worship**

The Students will:

1. State the four elements of the Paschal Mystery
2. Learn that God's grace comes to us through sacraments
3. Learn about the Communion of Saints
4. Discover Baptism and Confirmation welcome new members into the Church
5. Realize that they are born again in Baptism and Confirmation
6. Study the two parts of the mass - Liturgy of the Word and Liturgy of the Eucharist
7. Realize the celebration of Eucharist is the center of Catholic life
8. Realize the Eucharist unites us with Christ and the Church
9. Conclude that everyone needs to be treated with respect
10. Learn that we need to ask for forgiveness when we hurt others
11. Appreciate the importance of keeping commitments
12. Identify Christian role models
13. Determine that prayers, devotions and sacramentals help us encounter God
14. Recognize the importance of family values and beliefs
15. Discover that the Apostles' Creed is a set of beliefs and when we pray, we agree to those beliefs as Catholics
16. Learn that God gave Jesus the words of the Lord's Prayer
17. Discover the importance of having a prayer life
18. Discover that God loves us and always forgives
19. Recognize that God wants us to practice true humility by admitting our sins and asking for forgiveness
20. Realize each person has a vocation
21. Realize that Jesus is the model for prayer

#### **5. Social Justice**

The Students will:

#### **6. Family Life**

The Students will:

#### **Teaching Strategies**

1. Read and discuss the text

2. Complete text lesson activities
3. Participate in a class Mass with the Pastor
4. Preparation of Student Monthly Mass
5. Participate in a “mock” Baptism
6. Drama - Role play
7. Participate in charitable works throughout the school year
8. Memorize required prayers
9. Write prayers

### **Assessments**

1. Quizzes
2. Tests
3. Reflection topics in journals
4. Group activities
5. Daily observations of how students “live their faith”

**Time on Task** (per week): 120 minutes

### **Resources**

1. Textbook: Blest Are We, Silver-Burdett, 2004
2. *Catholic Free Press*
3. Bibles

**Purpose:** The purpose is to motivate students to connect science concepts to the real world, and then to apply what they have learned to their surroundings.

**Outcomes (Grouped by Themes):**

**1. Life**

The Students will:

1. Distinguish between producers and consumers
2. Classify the different types of consumers
3. Trace the path of energy and other substances up the food chain from producers through different levels of consumers
4. Give examples of ways food webs can be changed by natural forces and human forces
5. Define and describe elements and cycles that make up an ecosystem
6. Explain how ecosystems change over time

**2. Earth**

The Students will:

1. Describe the effects of factors such as temperature, moisture, light, and soil on the world's biomes
2. Identify the location, characteristics, and inhabitants of each of the world's land biomes
3. Compare and contrast the aquatic biomes
4. Distinguish the components of the atmosphere, and describe how they produce winds, air pressure, and air masses
5. Characterize the composition of sea water
6. Explain the causes and effects of waves and tides, and how ocean currents form
7. Describe features of the ocean floor
8. Identify the living and nonliving resources of the ocean floor

**3. Physical**

The Students will:

1. Describe elements and atoms
2. Describe the structure of atoms
3. Compare and contrast properties of different elements
4. Describe the formation of compounds
5. Relate the make-up of a compound to its chemical formula
6. Compare and contrast different kinds of mixtures
7. Characterize the behavior of solutions

8. Relate differences in sounds to frequency and amplitude of sound waves
9. Evaluate the ability of different materials to transmit sound
10. Describe transparent, translucent, and opaque materials
11. Explain how flat and curved mirrors affect images we see
12. Relate patterns of refraction to shapes of concave and convex lenses
13. Identify and describe the parts of the electromagnetic spectrum
14. Relate wavelengths of light to colors we see

#### **4. Health**

The Students will:

1. Identify parts and functions of the circulatory system
2. Sequence the flow of blood through the circulatory system
3. Identify parts and functions of the respiratory system
4. Relate the path of air into and out of the respiratory system
5. Describe ways to improve health and fitness of the circulatory and respiratory systems

#### **Teaching Strategies**

1. Read and discuss the text
2. Hands on activities that enhance the lessons
3. Cooperative learning groups
4. WebQuests

#### **Assessments**

1. Quizzes and tests
2. Notebook on journal entries
3. WebQuest on biomes
4. Written assignments
5. Oral participation
6. Reports and oral presentations
7. Science Fair Projects (every two years)
8. Models of ecosystems

**Time on Task** (per week): 225 minutes

#### **Resources**

1. Textbook: Destinations in Science, Addison-Wesley, 1995
2. Supplementary materials including the Activity Book and Activity Journal
3. Videos
4. Internet - WebQuests

**Subject**      Social Studies                      **Grade**      5

**Purpose:**      Students will learn about the history and enduring traditions that make our nation great.

**Outcomes (Grouped by Themes):**

**1. History**

The Students will:

1. Explain how Beringia was formed and why it was important to the Americas
2. Analyze theories of when the first people arrived in the Americas
3. Compare and contrast the ways of life for early Native Americans before and after the giant mammals
4. Compare and contrast the ancient civilizations of the Mound Builders, the Anasazi, and the Olmecs
5. Analyze the life ways of the Northwest Coast Indians, the Plains Indians, Southwest Indians, Eastern Woodland Indians, and Indians of Middle America
6. Evaluate the achievements of the Vikings in America
7. Evaluate the influence of Marco Polo's experiences in Asia and Europe
8. Analyze how changes in the European government and technology led to exploration
9. Compare and contrast the voyages of the European explorers
10. Summarize the changes Spanish colonization brought to New Spain
11. Analyze the importance of the explorers' claims for their countries
12. Analyze the reasons why settlers went to the 13 colonies
13. Discuss the causes of the French and Indian War and its effects on the colonies
14. Analyze the success of the Committees of Correspondence in fostering cooperation among the colonies
15. Evaluate the purpose and achievements of the First Continental Congress
16. Summarize the events at Lexington and Concord
17. Explain the contributions of key Revolutionary figures
18. Compare and contrast the British Army with the Continental Army
19. Summarize the role colonial women played in the Revolution
20. Evaluate contributions to the Patriot cause by individuals from other countries
21. Analyze reasons for the Continental Army's victory over the British
22. Summarize the terms of the Treaty of Paris
23. Explain the purpose of the Articles of Confederation
24. Compare and contrast the confederation with the federal system of government
25. Evaluate the Great Compromise and the Three Fifths Compromise
26. Identify key issues that caused conflict over the ratification of the Constitution at State Conventions
27. Evaluate the significance of John Adam's election as the nation's 2<sup>nd</sup> President
28. Summarize Thomas Jefferson's organization and purpose for each part of the Declaration of Independence
29. Analyze the cooperation of pioneers in overcoming problems faced when they settled on the western frontier

30. Explain the Louisiana Purchase
31. Analyze the accomplishments of the Lewis and Clark Expedition
32. Evaluate the importance of Zebulon Pike's expedition to the Southwest
33. Summarize the events that led to the War of 1812 and examine the changes that took place afterwards in the United States
34. Identify the technology Samuel Slater brought to the United States
35. Evaluate the advantages of using mass production and describe how it changed factory work in the 1840's

## **2. Government/Civics**

The Students will:

1. Analyze the role of the Great Council in achieving and maintaining peace among the Iroquois, and its use as a model for the First Continental Congress
2. Consider how Fundamental Orders helped the colonists achieve a voice in government
3. Identify the three branches of government and describe their roles
4. Compare and contrast the House of Representatives and the Senate
5. Summarize the powers and duties of the President of the United States
6. Analyze the purpose of the system of "checks and balances"
7. Summarize the provisions of the Bill of Rights
8. Learn and evaluate the responsibilities of citizens in a democracy
9. Synthesize ways in which rights and responsibilities must work together for a democracy to succeed
10. Compare and contrast a democracy and a republic
11. Analyze the Pledge of Allegiance
12. Use compromise to resolve conflict

## **3. Geography**

The Students will:

1. Use a compass rose to describe movement
2. Analyze how geography affected migration routes of the early peoples
3. Use lines of latitude and longitude to locate places on a map
4. Learn to interpret different types of maps
5. Read vertical and horizontal time lines
6. Recognize time patterns on a time line
7. Use population maps
8. Analyze a time zone map

## **4. Economics**

The Students will:

1. Learn that cash crops in the colonies developed economic base for profit and growth

2. Identify factors that contributed to the growth of colonial cities
3. Understand that the African slave labor contributed to the prosperity of plantations
4. Summarize the economic functions of a plantation

## **5. Communities**

The Students will:

## **6. World Cultures**

The Students will:

## **Teaching Strategies**

1. Read and discuss the text
2. Use the SQ3R Method
3. Use of flash cards to memorize important vocabulary
4. Cooperative groups

## **Assessments**

1. Tests and quizzes
2. Notebook Checks
3. Oral Participation
4. Oral and Written Reports
5. President's Project

**Time on Task** (per week): 225 minutes

## **Resources**

1. Textbook: Our Nation, Macmillan/McGraw-Hill, 2007
2. Supplementary materials that coincide with the text
3. Videos
4. Maps
5. Internet

**Subject** Math

**Grade** 5

**Purpose:** The students will develop number sense, problem solving strategies and critical thinking skills in meaningful ways in order to apply these skills in the real world.

**Outcomes (Grouped by Themes):**

**1. Numeration**

The Students will:

1. Explore place-value relationships
2. Understand, read and write numbers through the millions and billions
3. Use factors, exponents, and place-value to relate powers of 10
4. Compare and order whole numbers
5. Round numbers in millions and billions
6. Show, read, and write decimals using tenths, hundredths, and thousandths
7. Identify equivalent decimals
8. Compare and order decimals
9. Round decimals to nearest whole number, tenth, or hundredth
10. Estimate sums and differences of whole numbers and decimals
11. Identify and use benchmark numbers
12. Explore patterns with multiples
13. Find least common multiples of pairs and sets of numbers
14. Use multiplication facts and place-value patterns to find the product of a decimal and a power of 10
15. Use mental math to find the product of a decimal number and a power of 10
16. Use rounding and compatible numbers to estimate products
17. Review meaning of division and explore patterns of division
18. Estimate quotients using compatible numbers
19. Learn and use divisibility rules to find factors of a number
20. Use Eratosthenes' Sieve to separate prime and composite numbers
21. Use factor trees to find prime factors of numbers
22. Use patterns to recognize and find equivalent fractions
23. Compare and order fractions and mixed numbers
24. Write fractions in simplest form
25. Use percents to name amounts less than or equal to one

**2. Computation**

The Students will:

1. Review addition and subtraction of 3-digit to 5-digit whole numbers
2. Multiply by 1-digit, 2-digit, 3-digit numbers
3. Use distributive property to multiply
4. Find factors of a number
5. Divide by 1-digit, and 2-digit divisors
6. Explore division with multiples of 10
7. Add and subtract decimals through the thousandths place

8. Multiply decimals by whole numbers
9. Multiply decimals by decimals
10. Insert zeros in products with decimals when necessary
11. Divide decimals by 10, 100, and 1,000
12. Find common and greatest common factors for number pairs and number sets
13. Find the simplest form of a fraction
14. Use common denominators to compare and order fractions
15. Write improper fractions as mixed numbers, and mixed numbers as improper fractions
16. Write percents as fractions and decimals, and write fractions and decimals as percents
17. Find the percent of a number
18. Add and subtract fractions with like denominators
19. Find the least common denominator for 2 or more fractions
20. Add and subtract fractions with unlike denominators
21. Add and subtract mixed numbers
22. Add mixed numbers with renaming
23. Subtract mixed numbers using regrouping
24. Multiply whole numbers and mixed numbers
25. Divide whole numbers by fractions

### **3. Problem Solving**

The Students will:

1. Learn the four steps to problem solving
2. Identify key words in word problems to choose the appropriate operation
3. Use logical reasoning to solve word problems
4. Draw a picture to solve a word problem
5. Use multiple steps to solve a word problem
6. Solve word problems by guessing and checking
7. Make a table to solve a word problem
8. Use problem information to work backward to solve a word problem
9. Identify problems with too little or too much information

### **4. Measurement**

The Students will:

1. Measure length using fractional parts of an inch
2. Change units among feet, yards, and miles
3. Change among customary units of capacity
4. Explore perimeter of polygons and rectangles
5. Find perimeter of rectangles when measurements are given in mixed units

## **5. Time and Money**

The Students will:

1. Review and reinforce addition, subtraction, multiplication, and division of money
2. Identify elapsed time
3. Read a table to identify time zones

## **6. Tables and Graphs**

The Students will:

1. Read and use bar and line graphs to analyze information
2. Make bar and line graphs using data
3. Read and use a line plots to analyze information
4. Make a line plot using data
5. Read and use a stem-and-leaf diagram to analyze information
6. Make a stem-and-leaf diagram using data
7. Choose a scale to make bar and line graphs

## **7. Ratio, Statistics and Probability**

The Students will:

1. Find range, mode, and median for a set of data
2. Find the mean of a set of numbers
3. Collect and organize data

## **8. Algebra**

The Students will:

1. Explore algebra using expressions
2. Evaluate algebraic expressions by replacing the variable

## **9. Geometry**

The Students will:

1. Classify polygons
2. Show and name lines, segments, rays, planes, and angles
3. Use a protractor to measure angles
4. Identify similar and congruent polygons
5. Explore line of symmetry

## **Teaching Strategies**

1. Use of manipulatives such as place-value-blocks, fraction strips, 10 by 10 grids, hundred charts, and calculators
2. Daily drills
3. Math Buddies
4. Games

## **Assessments**

1. Tests and Quizzes
2. Homework
3. Classwork
4. Oral Participation
5. Daily Observations
6. Group Projects

**Time on Task** (per week): 225 minutes

## **Resources**

1. Textbook: Math, The Millennium Edition, Scott Foresman-Addison Wesley, 2001 and supplemental workbooks
2. Games Galore - Math, The Education Center, Inc., 2002
3. Math Projects Kids Will Love, by Todd Schroeder, 2003
4. Math - Daily Practice, McGraw-Hill Children's Publishing, 2002

**Purpose:** Students will learn to read effectively by focusing on the skills required for comprehension, retention, and writing in literature and in the content areas. Students will learn to write effectively by focusing on important grammar skills, spelling strategies and the writing process.

**Outcomes (Grouped by Themes):**

**1. Reading/Literature**

The Students will:

1. Recognize literary genres
2. Evaluate the author's purpose and point of view
3. Identify literary elements in a selection
4. Identify and analyze the theme of a selection
5. Recognize the mood and tone of a selection
6. Make inferences about characters, settings, and events
7. Distinguish between figurative and literal meanings
8. Locate main ideas and significant details in various selections
9. Identify cause and effect
10. Summarize content and form generalizations about the content
11. Distinguish between important and unimportant information
12. Learn the SQ3R method (Survey, Question, Read, Recite, and Review) to read in content areas
13. Use graphic organizers such as the Venn Diagram and the K-W-L Chart to recall and remember details
14. Learn to use context clues to understand new vocabulary
15. Learn the six major paragraph patterns of organization: Enumeration, Generalization, Comparison/Contrast, Sequence, Cause and Effect, and Question and Answer

**2. Phonics**

The Students will:

**3. Spelling**

The Students will:

1. Learn, understand, and apply important spelling strategies in everyday spelling
2. Apply spelling skills to their writing and the writing process
3. Learn the spelling of important content-area words
4. Review the spelling study strategy: Look, Say, Cover, See, Write, and Check

#### **4. Vocabulary**

The Students will:

1. Learn the meanings of word roots, prefixes and suffixes for vocabulary development
2. Understand a key word's relationship to other words
3. Use key vocabulary words effectively in written and oral situations
4. Identify and use different meanings of key words effectively
5. Expand and enrich their vocabulary

#### **5. English Grammar**

The Students will:

1. Review rules for forming noun plurals correctly
2. Identify number, gender, and case of a noun in sentences
3. Identify nouns as the subject, subjective complement, or direct address of the sentence
4. Identify nouns as the direct object or object of the preposition of a sentence
5. To form the possessive case of singular and plural nouns correctly
6. Recognize that personal pronouns name the speaker, person spoken to, or person spoken about
7. Identify and use personal pronouns in the nominative and objective cases correctly
8. Identify and use compound personal pronouns correctly
9. Classify adjectives as descriptive or limiting
10. Identify demonstrative adjectives and use them correctly
11. Distinguish between possessive adjectives and contractions
12. Identify and use adjective complements correctly
13. Identify the three degrees of comparison of adjectives

14. Form the comparative and superlative degrees of adjectives correctly
15. Review adverbs of time, place, and manner
16. Identify adverbs that compare
17. Learn the correct forms of irregular adverbs that compare
18. Use commonly confused adverbs and adjectives correctly
19. Identify prepositions and prepositional phrases in a sentence
20. Identify adjectival phrases and adverbial phrases in a sentence
21. Write sentences containing adjectival and adverbial phrases
22. Identify conjunctions in a sentence
23. Use conjunctions to connect compound subjects, compound predicates, compound direct objects, and compound sentences
24. Identify interjections and the emotions they express
25. Identify the complete subject and complete predicate of a sentence
26. Identify sentences in natural and inverted order
27. Write sentences in natural and inverted order
28. Recognize the parts of a verb phrase and identify it in a sentence
29. Identify the three principal parts of a verb and recognize how they are formed
30. Understand the principal parts of an irregular verb do not follow a specific rule and must be memorized
31. Review the three simple tenses of a verb and use them correctly in sentences
32. Understand the function of a linking verb
33. Identify transitive and intransitive verbs
34. Recognize the subject and verb must agree
35. Identify the principal parts of troublesome irregular verbs and use them correctly
36. Use the period after initials and certain abbreviations
37. Use the comma correctly in sentences, after the greeting and closing in a social letter
38. Use the apostrophe to show possession and in contractions
39. Use quotation marks correctly to show the words of a speaker
40. Use quotation marks to enclose the titles of stories, poems, movies, and TV shows
41. Underline titles of books and works of art
42. Use capital letters correctly in direct quotes, names of a deity, sacred books, directions as sections of the country, outlines, and two - letter postal abbreviations

## **6. Writing**

The Students will:

1. Review and implement the writing process: Pre-writing, Drafting, Revising, Proofreading, and Publishing
2. Learn to make word maps as a pre-writing activity
3. Narrow a topic to a specific idea
4. Learn to write an interesting beginning sentence that states the specific idea
5. Write details in logical order
6. Write an ending sentence that brings a paragraph to a satisfactory close

7. Write a title that hints about the topic
8. Revise by adding, deleting, or reordering details
9. Use exact words to express ideas, and to use colorful verbs and adjectives
10. Trim rambling sentences
11. Learn to vary sentence structure and length
12. Learn to proofread their writing
13. Use transition words to indicate logical order of steps in a process
14. Create an outline from a word map
15. Use an outline to organize information and write a report
16. List research sources in the correct form
17. Recognize and write specific kinds of social letters: Friendly and Business
18. Learn to write descriptive, expository, and persuasive paragraphs

## **7. Penmanship**

The Students will:

1. Learn and practice the correct paper position and pencil/pen position
2. Practice the four basic strokes for cursive writing: under curve, over curve, down curve, and slant
3. Practice the four keys to legibility: shape, size, spacing, and slant
4. Self-evaluate their writing on a continuous basis

## **8. Oral**

The Students will:

1. Learn how to prepare an oral presentation
2. Prepare and present oral reports throughout the year
3. Use proper speaking volume, eye contact, and body posture during oral presentations
4. Work as a group to present a poem orally

## **Teaching Strategies**

1. Use of the texts and workbooks
2. Conferences with students regarding their writing
3. Writing partners for peer editing
4. Board drills
5. Games: Spelling Baseball, Vocabulary Bingo, Grammar Bingo
6. Spelling Journals for misspelled words
7. Vocabulary Chip Jar

## **Assessments**

1. Tests and quizzes
2. Creative writing assignments and book reports
3. Oral participation
4. Notebooks

**Time on Task** (per week): 225 Minutes

## **Resources**

1. Reading textbook: Spotlight on Literacy, Macmillan McGraw-Hill, 1997
2. English textbook: Voyages in English - Writing and Grammar, Loyola Press, 1999 and workbook
3. John Collins' Writing Folder
4. Spelling textbook: Spelling Connections, Zaner-Bloser, Inc., 2000
5. Vocabulary textbook: Vocabulary Workshop, Sadlier-Oxford, 1999
6. Handwriting textbook, Zaner-Bloser Handwriting, Zaner-Bloser, Inc., 2003
7. Supplementary materials