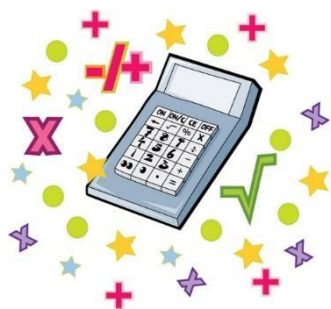




ANNUNCIATION CATHOLIC SCHOOL

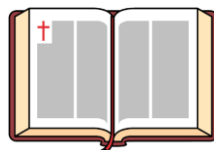
SCIENCE
TECHNOLOGY
RELIGION
ENGINEERING
ARTS
MATHEMATICS



K- 8 CURRICULUM SUMMARY



(Based on the Diocese of Phoenix Curriculum Standards)



KINDERGARTEN

Language Arts

- Recognize and name all lowercase & uppercase letters
- Identify letter sounds
- Isolate & pronounce initial, medial, & final sounds in consonant-vowel-consonant words
- Blend and segment words
- Follow words from left to right, top to bottom, & page by page
- Read common high frequency words
- Spell high frequency words
- Spell phonetically
- Recognize and produce rhyming words
- Write complete sentences with proper spacing, capitals, and end punctuation
- Write for various purposes
- Develop proper manuscript handwriting
- Identify the front cover, back cover, and title page in a nonfiction text
- Understand the roles of an author and illustrator of a book
- Identify the author and illustrator of a book
- Identify the characters, setting, and plot of a story
- Actively engage in purposeful group reading activities
- Retell stories
- Compare and contrast stories
- Ask and answer questions about key details in a text
- Recognize common types of text (poetry, fiction, nonfiction)
- Identify similarities and differences within two texts of similar topics

Math

- Count forward from a given number
- Count sets of objects from 0-20 using one-to-one correspondence
- Count to 100 by ones
- Count to 100 by tens
- Write numbers from 0-20
- Correctly name shapes
- Identify shapes as 2 or 3 dimensional
- Compare 2 and 3 dimensional shapes
- Identify position of objects as above, below, beside, in front of, next to
- Classify objects into categories
- Compare measureable attributes of two objects
- Describe measureable attributes of two objects
- Decompose numbers up to 10

- Decompose numbers up to 20 using ones and tens
- Identify objects as greater than, less than, or equal to
- Solve addition word problems
- Solve subtraction word problems

Religion

- Understand God as Creator
- Learn we are made in God's image and how we show Love by reflecting His image
- Prayers (The Sign of The Cross, Our Father, Hail Mary, Glory Be, Grace for meals, Angel of God)
- Mass and Adoration
- Baptism
- The Trinity
- Saints
- Bible Stories

Science

- Forces and Motion
- Animals and their Habitats
- Plants
- Lifecycles
- Weather and Climate
- Earth/ Conservation
- Engineering Design

Social Studies

- Geography
- National Symbols and Traditions
- Arizona
- Economics
- Recognize historical figures and events
- Rules
- Communities
- Maps

Technology

- use mouse to perform computer functions
- recognize examples of technology in daily life
- identify and discuss being a responsible digital citizen
- use technology (paint/word) as a part of classroom work

FIRST GRADE

Language Arts

- Decoding (vowels, digraphs, blends)/Phonemic Awareness
- Read/spell basic sight words for grade level
- Contractions
- Compound words
- Reading Fluency
- Comprehension
- Parts of Speech and Grammar
- Proper formation of uppercase/lowercase letters, neatness, placement, spacing
- Write for various purposes
- Writing Conventions and Fluency
- Write several complete sentences about one topic
- Components of a story: Setting, Characters, Problem, Solution
- Short/Long Vowel Sounds
- Blends/Digraphs-ch, th, ph, wh
- L-Blends- cl, gl, pl
- Capitalization, Correct Punctuation
- Nouns (Proper Nouns, Plural Nouns), Verbs, Adjectives, Adverbs
- Compare/Contrast
- Writing a paragraph
- Write a friendly letter
- Write 3-4 sentence answering journal prompts

Math

- Comparing numbers
- Understand and apply properties of operations & the relationship between addition and subtraction.
- Single/double digit addition & subtraction up to 20
- Addition and subtraction equations
- Extend the counting sequence
- Understand place value to the hundreds place
- Use understanding of place value & properties of operations to add and subtract
- Tell and write time to the hour and half hour
- Measure length
- Reason with shapes and their attributes
- Understand 2D and 3D shapes
- Problem Solving
- Story Problems
- Estimation
- Fractions*
- Mental Math

- Graphs and Data
- Comparing numbers
- Money-Identify coins (penny, nickel, dime, quarter)*

Religion

- The Mass (Symbols and process of Mass)
- Sacraments (Baptism)
- Prayers (Glory Be, The Our Father, Sign of the Cross, St. Michael Prayer, Meal Prayers)
- Liturgical Year/Calendar (Symbols/Colors)
- Feast Days
- Basic structure of the Bible
- Bible Stories and Timeline
- Understand that God loves each and every one of us
- Learn and demonstrate that every person deserves love, care, and respect

Science

- Solar System
- Space Systems: sun, moon, stars, seasons
- Waves: Light and Sound
- Life Cycle
- Weather
- Position & Motion of Objects
- Natural Resources
- Animal Kingdoms
- Animal Habitats
- Engineering Design

Social Studies

- Map skills
- Geography
- Different Cultures/Customs
- Families (i.e.: Early American Settlers, Ancient Egypt, Aztecs)
- National holidays
- Our Government

Technology

- Learning basic keyboard strokes
- Interact with the Smart Board & laptops
- Play educational games
- IXL and abcya.com

SECOND GRADE

Language Arts

- Read & spell basic sight words for grade level
- Decoding strategies/ Phonemic awareness
- Reading, fluency & comprehension
- Guided reading, leveled readers
- Independent reading
- Informational texts
- Begin dictionary use, glossary, parts of a text book
- Compare/Contrast
- Identify the main idea
- Parts of speech & grammar
- Beginning, middle, end of a written passage (sequential order)
- Identify the who, what, where, when, and why of a story
- Begin paragraph structure
- Reading Logs
- Create Formal Writing Pieces using the writing process
- Creative Writing
- Journal Writing
- Introduction to cursive writing

Math

- Place Value
- Adding & subtracting with regrouping
- Expanded Form, written form, number form
- Geometry
- Fractions
- Decimals
- Measurement
- Money & Time
- Data & Graphing
- Problem solving
- Mental math
- Fractions & data
- Use IXL Math (software program)

Religion

- Preparation for Reconciliation
- Recognize the "Our Father" as a prayer for forgiving others and asking God's forgiveness for our sins
- Understanding & Defining sin
- Studying the lives of a variety of Saints
- Participate in various forms of prayer (silent prayer, writing a prayer, reading a prayer, reflective prayer)

- Listen, locate & respond to scriptures from the Bible
- Learning Catholic vocabulary
- Learn the Act of Contrition
- Participating in Stations of the Cross & the Rosary

Science

- Structure and Properties of Matter
- Interdependent Relationships in Ecosystems (habitats, needs of plants and animals)
- Earth's Systems: Processes that Shape the Earth (earthquakes, volcanoes, wind/rain, water on the earth)
- Identifying landforms
- Engineering Design ~ STREAM

Social Studies

- Native Americans
- Thirteen Colonies
- Branches of Government
- Constitution
- American Democracy
- American symbols
- Elements of a map
- Human vs. Natural elements
- Needs vs. Wants
- Bartering goods & services
- Preserving natural resources

Technology

- Beginning keyboarding skills (techniques, letters, numbers, and other key features)
- Beginning word processing
- Know how to print and save a final document
- Educational and coding games

THIRD GRADE

Language Arts

- Decoding Strategies/ Phonemic Awareness
- Reading Fluency & Comprehension
- Parts of Speech & Grammar
- Writing Conventions & Fluency
- Paragraph Structure
- Book Reports
- Differentiated reading groups
- Comprehending text/text features in different genres
- Determine the message/moral/lesson from text
- Character/Plot/Setting
- Context Clues
- Determine Point of View
- Main Idea/Details
- TimeLines/Sequential Order
- Compare/Contrast Texts
- Make Predictions Using Previous Knowledge
- Cite References/Bibliography on Research Projects
- Write using different purposes (for example: personal opinion, inform, personal narrative)
- Following Multi-Step directions
- Leading Group Discussions
- Cursive Handwriting

Math

- Place Value
- Adding & Subtracting with regrouping
- Geometry
- Fractions & decimals
- Measurement
- Money & Time
- Multiplication & Division facts
- Data and Graphing
- Problem Solving
- Mental Math
- Fractions & Data
- IXL Math (software program)

Religion

- The Mass
- Sacraments
- Prayer
- Liturgical year
- Feast days
- Basic structure of the Bible
- Bible stories & timeline
- Gifts of the Spirit
- Preparation for First Holy Eucharist and Confirmation

Science

- Forces and Interactions
- Interdependent Relationships in Ecosystems
- Inheritance and Variation of Traits; Life Cycle and traits
- Weather and Climate
- Engineering Design

Social Studies

- Economics
- Map Skills
- State Reports
- Ancient Explorers
- Current Events
- American History
- Ancient Greek Influence on Modern Society

Technology

- Keyboarding
- Word Documents and Google Drive
- Google Slides
- Internet Resources

FOURTH GRADE

Language Arts

- Phonics/Decoding; Recognize sound/letter patterns
- Spell words frequently misspelled
- Domain specific vocabulary
- Homophones; Compound words; Words Roots; Connotations; Antonyms/Synonyms
- Possessives; Contractions; Plurals
- Syllabication Patterns; Affixes Subject & Predicates
- Parts of Speech; Verb tense/subject-verb agreement
- 6 Traits of Writing (writing process)
- Compare/Contrast; Sequence of Events; Story Structure; Cause/Effect; Drawing Conclusions; Categorize/Classify
- Recognize Main Idea, Topic, and Supporting Details
- Making Judgments and Generalizations
- Recognize Author's Viewpoint
- Recognize Fact and Opinion
- Predict/infer; Retell/Summarize; Evaluate; Report
- Distinguish necessary information
- Give and follow directions
- Dramatize: Reader's Theater, plays, poetry
- Use dictionary, glossary, thesaurus
- Read/use graphic aids (charts, tables, graphs, schedules, time lines, diagrams)
- Use print references; take notes, outline

Math

- Use four operations with whole numbers to solve problems
- Gain familiarity with factors and multiples
- Generate and analyze patterns
- Generalize place value understanding for multi-digit whole numbers
- Use place value understanding and properties of operations to perform multi-digit arithmetic
- Extend understanding of fraction equivalence and ordering
- Build fractions from unit fractions
- Understand decimal notation for fractions and compare decimal fractions
- Solve problems involving measurement and conversion of measurements from a larger unit to a smaller unit
- Represent and interpret data
- Understand concepts of an angle and measure angles
- Draw & identify lines and angles
- Classify shapes by properties of their lines and angles

Religion

- Sin; and the consequences of
- Examination of conscience and forgiveness
- Understanding sacraments as special gifts of grace
- The gift of God's son in the Eucharist and Reconciliation
- Participate in sacramental celebrations
- Research and share information on the lives of the saints
- Participate and identify the rituals associated with saints
- Recognize the Holy Spirit as life giving through Confirmation
- Listen and discuss the story of Pentecost
- Name/ list the gifts and fruits of the Holy Spirit
- Identify the symbols & rites of Confirmation

Science

- Energy
- Waves and Formations
- Structure Function and Information Processing in Plants & Animals (5 Senses, Brain/Body Systems)
- Earth's Systems: Processes that Shape the Earth
- Scientific Method
- Engineering Design

Social Studies

- Foundations of government; Symbols of government; Responsibilities of government
- United States landmarks
- Describe how identity of a region is influenced by past events and heritage of its people
- Discuss the role of contemporary Catholic leaders
- Aztec and Incan empires
- Exploration of the Americas
- Compare and contrast different regions and states
- Arizona state history

Technology

- Microsoft Word, PowerPoint
- Google Suite of Programs
- Use internet resources appropriately
- Successfully use websites and submit work related to classwork, both in class and for homework

FIFTH GRADE

Language Arts

- Read and analyze various texts and genres including novels, poetry, & nonfiction
- Develop & refine higher order thinking and problem solving skills
- Focus on author's purpose, word choice, and other strategies that writer's use to become better writers.
- Focus on the 5 stages of the writing process
- Grammar
- Parts of speech
- Sentence structure
- Present speeches and participate in group presentations

Math

- Write and interpret numerical expressions
- Analyze patterns and relationships
- Understand place value
- Perform operations with multi-digit whole numbers and with decimals to hundredths
- Use equivalent fractions as a strategy to add and subtract fractions
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
- Represent and interpret data
- Convert like measurement units within a given measurement system
- Graph points on the coordinate plane to solve real-world math problems
- Understand concepts of volume and relate volume to multiplication and addition
- Classify two-dimensional figures into categories based on their properties

Religion

- Profession of faith
- In-depth study of all seven Sacraments
- Life in Christ (Christian Living)
- Beatitudes, Gifts of the Spirit, 10 Commandments
- Catholic prayers
- Participate in the Liturgy, devotions, and feast day celebrations

Science

- Structure and properties of Matter
- Matter and Energy in Organisms and Ecosystems
- Earth Systems; biosphere, hydrosphere, atmosphere
- Space Systems: Stars and the Solar System
- Scientific Method
- Engineer Design

Social Studies

- Early civilizations in America
- Exploration and colonization of America
- American Revolution
- The New Nation
- Westward Expansion
- US Civil War and Reconstruction
- Emergence of Modern U.S.
- Great Depression

Technology

- Microsoft Word, Excel, PowerPoint; Publisher
- E-Books,
- Use internet resources appropriately
- Successfully use websites and submit work related to classwork, both in class and for homework

SIXTH GRADE

Language Arts

Reading: Plot elements, inferences, conflict, point of view, understanding themes, sensory language imagery, style; poetry, reading for information, biographies and autobiographies, compare/contrast

Writing: Writing a narrative story, personal narrative, structured poetry, "How to" explanations, literary analysis

Language: Analogies, avoid sentence fragments, capitalization, combining sentences, compound sentences, denotations, connotations, compound words, correct verb tense, using correct punctuation

Math

** 6th grade math covers all of the 6th grade standards, and the first half of the 7th grade standards*

6th Grade Standards

- Numerical expressions and factors
- Fractions and decimals
- Algebraic expressions and properties
- Areas of polygons
- Ratios and rates
- Integers and the Coordinate Plane
- Equations and Inequalities
- Surface Area and Volume
- Statistical Measures
- Data Displays

7th Grade Standards

- Integers
- Rational Numbers

Religion

- The teachings of Jesus and his ancestors as seen in Hebrew and Christian Scriptures
- Recognize how God reveals himself on Scriptures and Traditions, with an emphasis on Salvation history
- Understand one's role as part of the family, church, and community
- Develop one's own prayer life, especially using Scripture as part of a deepening relationship with God

Science

- Geology
- Meteorology
- Astronomy
- Earth's surface
- Earth's history
- Minerals and rocks
- Water and atmosphere
- Weather and climate
- The Universe
- Exploring space
- Solar System
- Earth-Moon-Sun Systems
- Scientific method
- Engineering design

Social Studies

- World history
- Ancient civilizations through the Renaissance
- Early humans and societies
- Mesopotamia, Egypt and Kush
- Civilization in India and China
- Foundations of Western Ideas
- The Roman World
- Islamic and African Civilizations
- Empires of Asia and the Americas
- Renewal in Europe

Technology

- Microsoft Word, PowerPoint, Excel
- Internet research
- Google Sketch-Up, Google Drawing
- Programming/Coding
- Prezi
- Blender

SEVENTH GRADE

Language Arts

Reading: Plot, characters, setting, characters, point of view, understanding theme, mood and style, read science fiction, appreciate poetry, myths, legends, epics and tales, reading for information, biographies and autobiographies, supporting an opinion, compare and contrast

Writing: Free verse and structured poetry, start a short story, "How to" explanations; follow directions; personal narrative, literary analysis

Language: Complete sentences, correct punctuation, punctuate dialogue, antonyms as context clues, verb tense, appositive phrases, understand prepositions, use of active voice, foreign words in English, analogies, specialized vocabulary, using conjunctive adverbs

Math

* 7th grade math covers the second half of the 7th grade standards and all of the 8th grade standards

7th Grade

- Expressions and Equations
- Ratios and Proportions; Percent
- Inequalities
- Constructions and Scale Drawings
- Circles and Area; Surface Area and Volume
- Probability and Statistics

8th Grade

- Equations
- Transformations
- Angles, Triangles
- Graphing and writing Linear Equation
- Real numbers and the Pythagorean Theorem
- Volume and Similar Solids
- Exponents and Scientific Notation

Religion

- Respond to the message of Jesus Christ who is present to us today in the Church and the world
- Discover the person and teachings of Jesus through Christian Scriptures
- Understand and recognize visible signs of God's grace
- Respond to Christ's message with actions
- Retell the accounts of the early Church, focusing on the gifts of the Holy Spirit
- Define the roles of the Pope, cardinals, bishops, priests, deacons, laity & religion

- Describe the teachings of Scripture of the New Testament on death, judgment, and Jesus' second coming

Science

- Cell Structure, Cell Biology and Ecology
- Growth, Development and Reproduction in Organisms
- Human Body Systems
- Natural Selection and Adaptations
- Ecosystems
- Scientific Method
- Engineering design

Social Studies: United States History, Part 1

Our Colonial Heritage

- The World before the Opening of the Atlantic beginnings to 1500
- New Empires in the Americas 1400-1750;
- The English Colonies 1605-1774
- The American Revolution 1778-1783

A New Nation

- Forming a Government 1777-1791
- Citizenship, and the Constitution 1787 to present
- Launching the Nation 1789 -1800

The New Republic

- The Jefferson Era 1800-1815; A New National Identity 1812-1830
- The Age of Jackson 1828-1840
- Expanding West 1800-1855

The Nation Expands

- The North 1790-1860; The South 1790-1860
- New Movements in America 1815-1850
- A Divided Nation 1848-1860

The Nation Breaks Apart (Civil War)

- The Civil War 1861-1865; Reconstruction 1865-1877

Technology

- Microsoft Word, PowerPoint, Excel
- Internet research
- Google Sketch-Up, Google Drawing
- Programming/Coding
 - Prezi, Blender, Robotics

EIGHTH GRADE

Language Arts

Reading: Plot, conflict, resolution, sequence, character analysis, character's motivation, 1st and 3rd person POV, Setting, mood, science fiction, imagery, theme, symbol, universal theme, drama, lyric, traditional and narrative poetry, style, voice, tone, cultural conflict

Writing: Personal narrative, critical review, short story, literary analysis, cause and effect, procedural text, persuasive essay, research strategies

Language: avoid sentence fragments and run-on sentences, progressive forms, verb tenses, misplaced modifiers, homographs, prefixes, suffixes, connotation, denotation, form compound sentences, colons, context clues, parallel structure, Latin and Greek roots

* *Prep for High School Entrance Exam in Reading Comprehension, Vocabulary, Grammar and Essay Writing.*

Math

Algebra I

- Solving Absolute Value Linear Equations
- Solving Compound Inequalities
- Solving Inequalities in Two Variables
- Systems of Linear Equations; Linear Functions
- Exponential Equations and Functions
- Polynomial Equations and Factoring
- Graphing Quadratic Equations
- Solving Quadratic Equations
- Square Root Functions and Geometry
- Rational Equations and Functions
- Data Analysis and Displays
- *Prep For High School Entrance Exam in Quantitative Skills, and Math Concepts and Problem Solving*

Religion

- Understand and appreciate the history and character of the Church community while developing a personal faith.
- Develop a knowledge of the history of the Church
- Understand one's role in the Church community
- Demonstrate that all people are called to further the Kingdom of God by living the Good News of the Gospel
- Chart the role of the various groups in the church: Pope, cardinals, bishops, priests, religious communities, etc.
- Describe the history, work, and role of religious communities and the call to religious life today

Science

- Physical Science

- Structures and Properties of Matter
- Chemical Reactions
- Forces and Interactions
- Energy
- Waves and Electromagnetic Radiation
- Scientific Method
- Engineering Design

Social Studies - United States History: Part 2

A Growing America 1850-1914

- Americans Move West 1850-1890
- The Industrial Age 1876-1900
- Immigrants and Urban Life 1872-1914

The Beginning of Modern America 1867-1920

- The Progressive Spirit of Reform 1868-1920
- America as a World Power 1867-1920
- World War I 1914-1920

Boom Times And Challenges 1919-1945

- The Roaring Twenties 1919-1929
- The Great Depression 1929-1939
- World War II 1938-1945

Postwar America 1945-1975

- Early Years of the Cold War 1945-1959
- The Civil Rights Movement 1945-1975
- The Vietnam War Years 1960-1975

Modern America 1968-Present

- Searching for Order 1968-1988
- America Looks To The Future 1988- Present

Technology

- Microsoft Word, PowerPoint, Excel
- Internet research
- Google Sketch-Up, Google Drawing
- Programming/Coding
- Prezi, Blender, Robotics