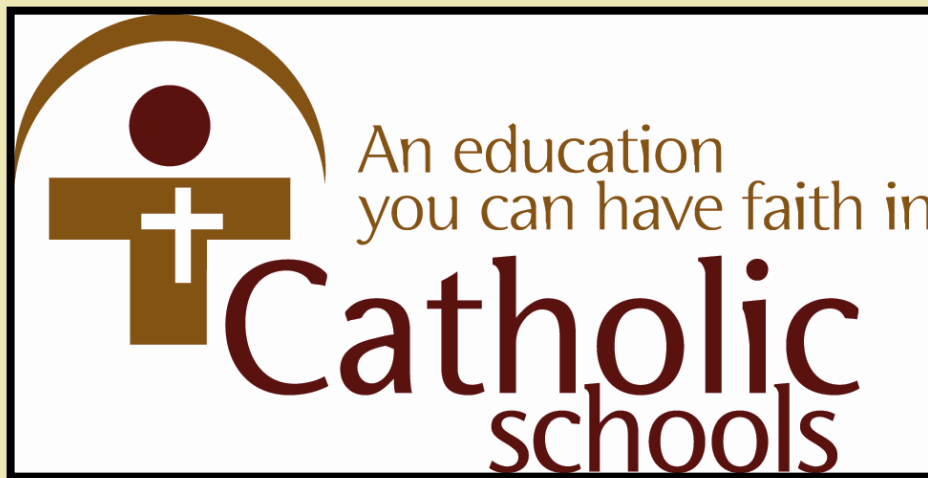


*Archdiocese of Milwaukee  
Office for Schools*



**Curriculum Guide  
Grade 5**

## **What is a Curriculum Guide?**

Academic excellence is a hallmark of Catholic schools in the Archdiocese of Milwaukee. To assist schools in maintaining academic excellence, the archdiocese’s Office for Schools has developed curriculum guides for grades 4K-8<sup>th</sup> that identify what we want our students to know and be able to do at the end of each grade based on national, state, and local standards. With these guides as a template, each individual school develops a plan to clearly articulate what is taught, how it is taught, and how student achievement is assessed for each grade. This process of “fine tuning” results in a school specific standards-based curriculum that guides teaching and learning.

## **Characteristics of a 5th Grader**

- ✓ Transitions into puberty with rapid physical and emotional changes
- ✓ Demonstrates marked differences between boys and girls and even among the same gender
- ✓ Becomes aware of past, present and future community experiences
- ✓ Belongs to one or more groups because of commitments, e.g., sports, fun, service
- ✓ Belongs to peer groups who often develop their own codes of behavior
- ✓ Begins to make choices independent of adults
- ✓ Recognizes signs and symbols in games, sports, clothes and professions
- ✓ Appreciates and develops personal talents and abilities
- ✓ Practices problem solving
- ✓ Begins to be aware of different customs and rituals among people
- ✓ Values success in sports and is influenced by sports figures

# RELIGION

## Creedal Church:

- Explains how environment is God’s creation and ours to respect
- Knows that God is the Creator, all-powerful, who made the world good
- Knows that the human race has a common origin reflected in the Adam and Eve story
- Knows and expresses belief that Jesus is the Son of God and the Word Made Flesh
- Understands Jesus as Savior and that “Jesus” means “God Saves”
- Understands that “Kingdom/Reign of God” is reflected in the good that happens in the world
- Knows and applies the concept of sacramentality: that Christ’s life-death-resurrection is celebrated at liturgy
- Identifies ways that the Church carries on the mission of Jesus under the leadership of popes and the bishops
- Explains the communion of saints
- Identifies past and present Christian role models, e.g., patron saints
- Knows that Mary is the Mother of God as she is the mother of Jesus the Christ
- Understands that Christ’s death and resurrection were part of God’s plan
- Knows that the Assumption celebrates Mary taken to heaven, body and soul
- Knows that after death comes judgment which leads to heaven, hell or purgatory
  - Knows an overview of the Bible, understanding that the Old Testament is fulfilled in the New Testament
  - Is able to locate and read from the Bible the stories for this age group as listed, e.g., Genesis, chapters 1-3, two versions of the creation story
  - Understands that there is one God (Deuteronomy 6:4-5)
  - Knows that the Holy Spirit works in the Church, in the Scriptures and in the lives of people as at Pentecost (Acts 2:1-4, 17)
- Knows about human sexual development and its sacredness
- Knows and lives the belief that all life is sacred

## Liturgy/ Sacrament:

- Knows the names, meanings, signs and symbols of each of the seven sacraments
- Celebrates the sacrament of Reconciliation
- Participates in the preparation of Eucharistic liturgies with class or group
- Recognizes the liturgical calendar and can explain the seasons of the Church year, their meanings and color
- Knows that the baptized share in the priesthood of Christ
- Understands the Sacrament of Holy Orders as the way Christ continues to preach and sanctify
  - Is able to locate, read from the Bible and understands each story listed below as it relates to the Scriptures
  - Experiences water, bread, oil and light as sacramental symbols (John 4:4-42)
  - + Recognizes Christ’s presence at Mass: in the assembly, the priest-president, the proclamation of the Word and especially in the Bread and Wine (John 6:1-58)
  - Recognizes the meaning and celebration of the Sacred Triduum and Easter as our central feast – Anointing at Bethany (Mark 14:3-9)
  - Knows that Baptism forgives original and personal sin – Nicodemus (John 3:1-21)
  - Knows Confirmation and Baptism relate to the mission of Jesus (Mark 1:9-11, Matthew 3:13-17); and service (Mark 10:44)
  - Understands that in the Sacrament of Matrimony, the family is seen as the “domestic Church” (John 2:1-11)
  - Understands the healing power of Christ in the Sacrament of the Sick (James 5:14-15)

## Moral Life:

- Understands that the presence of sin or evil in the world is “original sin” into which we are all born
- Recognizes attitudes and actions that are sinful or selfish
- Acts out of the belief that mercy and justice are essential to Christian living
- Follows Catholic Social Justice teaching by reaching out to others through positive words and actions
- Distinguishes between mortal (serious) and venial sin
- Has a working knowledge of the Beatitudes and Commandments and can apply them to daily life
- Understands the meaning of the four cardinal virtues: prudence, justice, temperance and fortitude
  - Practices forgiveness and being forgiven and knows forgiveness stories in Bible, e.g., (Matthew 18:21-22)
  - Begins to be aware of the need for on-going conversion (1Corinthians 13:4-8)

- Identifies private and special body parts and touches which can make one feel uncomfortable
- Can define bullying and harassment and recognizes when it occurs
- Knows how to use conflict management skills

#### **Christian Prayer**

- Participates in prayer services and other devotions, e.g., rosary, stations of the cross
- Prays the Our Father, Apostles Creed, Nicene Creed
- Knows how to pray the rosary
- Recognizes that Jesus prayed at decisive times in his life
- Prays to the saints in union with the Father, Son and Holy Spirit
- Prays in harmony with the seasons of the Church Year
- Understands the difference between the Mass, other communal prayer and private prayer
- Uses Scripture as a source of prayer and reflection

## **LANGUAGE ARTS**

#### **Communicates orally:**

- Participate in conversations of interest to self and others
- Perform dramatic readings and presentations
- Conduct an interview using planned questions relevant to a singular topic
- Present a coherent report with differing viewpoints on an issue
- Identify and discuss criteria for effective oral presentations, including such factors as eye contact, projection, tone, volume, rate, and articulation
- Display the appropriate etiquette and Christian values when expressing thanks and receiving praise
- Demonstrate respect and courtesy when listening using eye contact and other nonverbal cues
- List evidence or sources verbally
- Evaluate the ideas of others
- Invite opinions of others into the discussion and respond clearly to comments
- Understand constructive criticism
- Establish and maintain an open mind when listening to the ideas and opinions of others
- Summarize information from a discussion orally and in writing
- Display facial expressions, body language and other response cues that indicate respect for the speaker
- Ask pertinent questions of the speaker and retell key points of content of discussion
- Participate in discussions by responding responsibly and respectfully to the remarks of others without dominating
- Recognize supported and unsupported statements

#### **Listens to and comprehends oral language:**

- Summarize information conveyed in an oral communication, accounting for key ideas
- Identify purposes for listening
- Follow multi-step oral directions and retell sequentially
- Recognize techniques and language of propaganda and advertising for specific audiences
- Describe the usage of American English in various settings
- Recognize how audience affects the selection and use of words and phrases

#### **Writes for various purposes:**

- Compose an expository essay using details, appropriate language, organization, and cited sources on defined topic
- Compose a persuasive paragraph including author position and reliable evidence to support position
- Compose personal narratives using descriptive language and sequencing
- Respond to an auditory and/or visual presentation/materials
- Compose a fictional piece with details about specific plot
- Apply appropriate style and structure with details, facts, and sequencing with organization, in a technical piece of writing
- Develop questions to obtain additional information
- Identify and use more than one appropriate reference material (electronic and print) to achieve a desired outcome
- Compile and organize information
- Produce an organized written and oral report

**Plans, drafts, revises, edits and publishes:**

- Implement varied prewriting strategies while writing
- Compose multiple paragraphs focused on a topic
- Produce a well developed, organized, and effective response in an appropriate voice

**Applies grammar and spelling skills:**

- Write using a variety of writing modalities
- Recall basic parts of speech in order to convey meaning
- Use accurate tenses consistently in short written compositions
- Maintain consistency of agreement within written work
- Use punctuation marks in simple dialogue, to punctuate possessives, and other mechanics such as semicolons, hyphens to divide words
- Employ the conventions of capitalization
- Utilize spelling strategies to spell unfamiliar words
- Spell frequently used words correctly
- Utilize dictionaries, thesauruses, and other resources to find and compare definitions, choose among synonyms/antonyms and spell words correctly

**Communicates using information media and technology:**

- Use simple databases
- Recognize the difference in searching techniques
- Identify the use of stereotypes in media
- Identify particular symbols and images seen in media
- Write an informational article for a specific purpose
- Analyze and edit media work based on Catholic values

## READING

**Uses decoding strategies effectively:**

- Analyze word structure and apply decoding strategies: suffixes y, ous, ly, ful, ness, less, tion, and ment; prefixes re, un, dis; synonyms, antonyms, homonyms, contractions with "have"

**Uses effective reading strategies to comprehend material:**

- Infer the meaning of unfamiliar words in a selected passage
- Identify cause and effect relationships
- Analyze the use of organizational features of text such as headings, subheadings, captions, etc.
- Read with fluency, accuracy, and expression from a variety of genres
- Demonstrate the following strategies: connecting, predicting, inferring, and visualizing (text-to-text, text-to-self, and text-to-world)
- Compare and contrast the accuracy and usefulness of information
- Identify main idea and supporting details to demonstrate comprehension

**Reads, interprets, and critically analyzes literature:**

- Differentiate between types of fiction
- Read and develop familiarity among a variety of genres appropriate to age and reading level
- Demonstrate a knowledge of Catholic teachings when interpreting the meaning of various literary works
- Explain critical opinions about a text informally in conversation with others
- Provide interpretive responses to literary and non-literary texts
- Draw upon knowledge of themes, ideas, and insights found in classical literature
- Apply the teachings of the Catholic Church to issues/themes found in various literary works
- Evaluate text for purpose
- Investigate appropriate materials for research
- Acquire information about Catholic Social Teachings through religious, catechetical, and spiritual texts

**Reads to acquire information:**

- Choose appropriate material based on purpose for reading
- Demonstrate understanding of human experience through discussion of literary and non-literary texts and historical, social, cultural themes and issues

**Number Operations and Relationships:**

- Identify decimals to hundredths
- Identify practical uses of negative numbers
- Know exponential notation for powers of ten
- Compare and order whole numbers, decimals, and fractions
- Find multiples of numbers and the LCM of a number pair
- Find factors of numbers and the GCF of a number pair
- Know divisibility rules for 2, 5, and 10
- Rename improper fractions to mixed numbers
- Recognize equivalent fractions
- Simplify fractions
- Add and subtract fractions and mixed numbers with like and unlike denominators
- Add and subtract decimals
- Multiply two-digit numbers by two- and three-digit numbers
- Divide by one- and two-digit numbers
- Estimate sums, differences, products, and quotients
- Round decimals to the nearest tenths and hundredths
- Use mental math to multiply by powers of ten

**Probability and Statistics:**

- Compare and contrast information on graphs and tables
- Predict and list possible outcomes
- Find mean, median, range, and mode
- Use simple models to conduct probability experiments

**Measurement:**

- Measure length accurately to the nearest eighth inch
- Determine area using multiplication
- Measure mass and volume given the appropriate unit
- Convert units of time through decade and century
- Determine elapsed time and dates
- Find temperature changes with negative numbers

**Algebraic Relationships:**

- Find and extend number patterns
- Use arrays to solve problems
- Write a number sentence to solve a word problem
- Evaluate simple expressions
- Find missing factors in equations
- Solve number sentences involving parentheses
- Find missing numbers in equivalent fractions and proportions

**Geometry:**

- Identify, compare, and draw 2-dimensional figures (quadrilaterals, hexagon, pentagon, octagon)
- Identify and compare 3-dimensional figures
- Identify properties of geometric solids (edge, face, curved surface, vertex, base, height)
- Identify multiple lines of symmetry for a figure
- Define and identify congruent shapes
- Define and identify similar shapes
- Draw angles (right, acute, obtuse, straight)
- Represent a line, ray, segment
- Identify cubes, rectangular and triangular prisms, and rectangular and triangular pyramids from simple nets
- Apply formulas for perimeter and area of rectangles
- Identify and represent a circle, radius, diameter, and chord

# SOCIAL STUDIES

## ECONOMICS

### Production/Consumption/Distribution:

- Explain how the United States and its neighbors are economically interdependent
- Examine the impact of the Industrial Revolution on the United States
- Identify the impact of distribution of goods on the growth of cities

### Exchange:

- Explain the consequences of economic growth and depression

## GEOGRAPHY

### Location:

- Identify the fifty states and their capitals

### Map Skills:

- Map the fifty states and their capitals
- Measuring on a map
- Apply latitude, longitude, and scale on a map
- Use different types of maps

### Regions:

- Recognize countries of the Americas

### Place:

- Explain how climate affects people
- Identify different cultures within the United States

### Movement:

- Identify the connection between communication and transportation

## HISTORY

### Time:

- Describe sequence of events of the exploration & settlement of the U.S.
- Use historical tools to draw conclusions about the past
- Compare U.S. communities past and present

### People:

- Identify explorers to the Americas
- Identify various groups who colonized America & describe the growth of the U.S.
- Describe the diverse American Indian cultures found in the Americas

### Events:

- Describe the wars that affected the growth & expansion of the U.S.
- Describe the cause & effects of U.S. involvement in wars
- Analyze current events in the U.S.

## POLITICAL SCIENCE

### Citizenship:

- Demonstrate the rights and responsibilities of citizens
- Recite and understand the National Anthem
- Laws
- Explain how a bill becomes a law at the federal level
- Understand the rights and responsibilities in the Bill of Rights

### Government:

- Understand the formation of political parties
- Describe a democratic system of government
- Define a constitution and describe its contents

## BEHAVIORAL SCIENCE

### Individual:

- Describe how individuals contribute to the identity of the United States

### Institution:

- Explain how family, school, church, and government contribute to U.S.

**Society:**

- Explain how U.S. contributes to the world
- Explain the impact of world events on the United States
- Identify contributions of cultural groups in the U.S.

**CATHOLIC SOCIAL TEACHINGS****Life and Dignity of the Human Person:**

- Begins to develop skills for conflict resolution
- Identifies ways to prevent prejudice/discrimination at school and play
- Recognizes and respects the qualities of a dignified life

**The Call to Family, Community, and Participation:**

- Recognizes and discusses the value of the human family
- Identifies Jesus as a member of a community in addition to being part of a family
- Applies the teachings of Jesus to Community
- Is involved in service projects and identifies these with Christian community

**The Rights and Responsibilities of the Human Person:**

- Applies basic Christian attitudes and skills in solving arguments and conflicts
- Articulates basic human rights and responsibilities
- Prays the Prayer of St. Francis in order to be sustained in fighting injustice

**Option for the Poor and the Vulnerable:**

- Understands Jesus' teachings about serving others
- Practices behaviors that help others
- Uses special individual talents to assist those in need of help
- Can tell stories about what poor children and children who are not poor have in common

**Dignity of Work and the Rights of Workers:**

- Shows respect for the value of all classmates work
- Can discuss the many different types of work roles and professions with respect
- Gives examples of how different kinds of work call forth different talents
- Demonstrates how all types of work contribute to the good of the whole

**Solidarity of the Human Family:**

- Identifies oneself as belonging to a family of global people where there are many differences
- Recognizes the values of our global neighborhood and cultures
- Recognizes and respects the uniqueness of the individual cultures throughout the world
- Identifies racial prejudice and demonstrates an acceptance of people from a race other than one's own

**Care for God's Creation:**

- Explains how the environment is God's creation and ours to respect
- Demonstrates that we all have a role to play in preserving the environment
- Gives examples for daily life of conserving the environment

# SCIENCE

## EARTH SCIENCE

### Weather:

- Observe that weather instruments measure temperature, air pressure, wind direction and speed, and precipitation
- Use various weather instruments to collect data and make predictions
- Illustrate that weather maps use symbols to display weather data

### Space:

- Understand objects in the solar system are in constant motion caused by natural forces which impact many changes we see in our world
- Identify constellations and their position in relation to the Earth
- Know that planets look like stars, but over time they appear to wander among the constellations

### Earth's Structure/Composition:

- Explain how metamorphic rocks are formed in the Earth's crust by pressure, heat, and water
- Investigate how sedimentary rocks form when sediment settles and becomes compacted
- Recognize how igneous rocks are created when molten rock cools and hardens

## PHYSICAL SCIENCE

### Sound and Light:

- Investigate that light travels in straight paths
- Discover that white light is composed of colors that can be revealed and separated using a prism
- Identify reflection, refraction, and absorption as properties of light
- Observe that concave and convex lenses can change the path of light
- Investigate how light is a form of energy
- Explain how people use light in many ways
- Explain how sound is caused by vibrations
- Discover that pitch is affected by frequency
- Infer that sound travels in waves

### Matter:

- Investigate substances that dissolve to form solutions

### Forces/Motion and Energy:

- Investigate how changing the weight, size, shape, or material of an object will change the way it moves through the air
- Demonstrate the motion of an object can be described by tracing and measuring its position over time
- Explain that when a force is applied to an object, the object starts moving, stops moving, speeds up, slows down, or goes in a different direction
- Identify the relationship between the strength of a force and its effect on an object
- Identify conductors and their affect on the movement of heat
- Observe that objects that travel through the air are acted upon by the forces of thrust, lift, drag, and gravity
- Investigate that motors can be powered by electrical energy

### Electricity/Magnetism:

- Investigate magnetic attraction to steel and iron materials
- Know that static electricity produces positive and negative charges: like charges repel, opposites attract

## LIFE SCIENCE

### Animals:

- Behavior
  - Know that an animal's behavior is influenced by internal cues and external cues

### Plants:

- Characteristics
  - Recognize how plants capture energy from the sun to produce food through photosynthesis
- Adaptations
  - Know that plant behavior is influenced by internal cues and external cues

- Know that plants have senses that help them to detect these cues

**Environment:**

- Adaptations
  - Describe how organisms' adaptive characteristics affect their survival
- Interaction of Living Things
  - Know that all organisms cause changes in their environments and these changes can be beneficial or detrimental
  - Know that an organism's patterns of behavior are related to the nature of that organism's environment
  - Explain that energy is transferred through food chains
  - State that a food web is a number of connected food chains

**Human Body:**

- Explain that the skeletal, muscular, circulatory, and respiratory systems interact with one another and perform specific functions

## RELIGION

**Creedal Church:**

- Explains how environment is God's creation and ours to respect
- Knows that God is the Creator, all-powerful, who made the world good
- Knows that the human race has a common origin reflected in the Adam and Eve story
- Knows and expresses belief that Jesus is the Son of God and the Word Made Flesh
- Understands Jesus as Savior and that "Jesus" means "God Saves"
- Understands that "Kingdom/Reign of God" is reflected in the good that happens in the world
- Knows and applies the concept of sacramentality: that Christ's life-death-resurrection is celebrated at liturgy
- Identifies ways that the Church carries on the mission of Jesus under the leadership of popes and the bishops
- Explains the communion of saints
- Identifies past and present Christian role models, e.g., patron saints
- Knows that Mary is the Mother of God as she is the mother of Jesus the Christ
- Understands that Christ's death and resurrection were part of God's plan
- Knows that the Assumption celebrates Mary taken to heaven, body and soul
- Knows that after death comes judgment which leads to heaven, hell or purgatory
  - Knows an overview of the Bible, understanding that the Old Testament is fulfilled in the New Testament
  - Is able to locate and read from the Bible the stories for this age group as listed, e.g., Genesis, chapters 1-3, two versions of the creation story
  - Understands that there is one God (Deuteronomy 6:4-5)
  - Knows that the Holy Spirit works in the Church, in the Scriptures and in the lives of people as at Pentecost (Acts 2:1-4, 17)
- Knows about human sexual development and its sacredness
- Knows and lives the belief that all life is sacred

**Liturgy/ Sacrament:**

- Knows the names, meanings, signs and symbols of each of the seven sacraments
- Celebrates the sacrament of Reconciliation
- Participates in the preparation of Eucharistic liturgies with class or group
- Recognizes the liturgical calendar and can explain the seasons of the Church year, their meanings and color
- Knows that the baptized share in the priesthood of Christ
- Understands the Sacrament of Holy Orders as the way Christ continues to preach and sanctify
  - Is able to locate, read from the Bible and understands each story listed below as it relates to the Scriptures
  - Experiences water, bread, oil and light as sacramental symbols (John 4:4-42)
  - + Recognizes Christ's presence at Mass: in the assembly, the priest-president, the proclamation of the Word and especially in the Bread and Wine (John 6:1-58)
  - Recognizes the meaning and celebration of the Sacred Triduum and Easter as our central feast – Anointing at Bethany (Mark 14:3-9)
  - Knows that Baptism forgives original and personal sin – Nicodemus (John 3:1-21)
  - Knows Confirmation and Baptism relate to the mission of Jesus (Mark 1:9-11, Matthew 3:13-17); and service

(Mark 10:44)

- Understands that in the Sacrament of Matrimony, the family is seen as the “domestic Church” (John 2:1-11)
- Understands the healing power of Christ in the Sacrament of the Sick (James 5:14-15)

**Moral Life:**

- Understands that the presence of sin or evil in the world is “original sin” into which we are all born
- Recognizes attitudes and actions that are sinful or selfish
- Acts out of the belief that mercy and justice are essential to Christian living
- Follows Catholic Social Justice teaching by reaching out to others through positive words and actions
- Distinguishes between mortal (serious) and venial sin
- Has a working knowledge of the Beatitudes and Commandments and can apply them to daily life
- Understands the meaning of the four cardinal virtues: prudence, justice, temperance and fortitude
  - Practices forgiveness and being forgiven and knows forgiveness stories in Bible, e.g., (Matthew 18:21-22)
  - Begins to be aware of the need for on-going conversion (1Corinthians 13:4-8)
- Identifies private and special body parts and touches which can make one feel uncomfortable
- Can define bullying and harassment and recognizes when it occurs
- Knows how to use conflict management skills

**Christian Prayer**

- Participates in prayer services and other devotions, e.g., rosary, stations of the cross
- Prays the Our Father, Apostles Creed, Nicene Creed
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- Understands the difference between the Mass, other communal prayer and private prayer
- Uses Scripture as a source of prayer and reflection