



**CATHEDRAL SCHOOL**

Classic Catholic Education Since 1864

## **CURRICULUM GUIDES**

*A Work in Progress*

## **GRADE FIVE**

Rev. 2008

## Overview

The curriculum guides for Cathedral School are modeled after a report distributed by the State Board of Education entitled, Learning Results. The Learning Results were developed from a task force comprised of citizens, educators and business representatives who came together to identify what Maine students should know and be able to do by the time they leave school. Input was gained through various public process methods, such as public hearings, surveys, student meeting, etc.

The Learning Results are essential for all Maine Students because the demands of contemporary life and work require us to know and be able to do a great deal. These demands ask us to be:

- *Clear and Effective Communicators*
- *Self-Directed and Life-Long Learners*
- *Creative and Practical Problem Solvers*
- *Responsible and Involved Citizens*
- *Collaborative and Quality Workers*
- *Integrative and Informed Thinkers*

These six specific areas of knowledge and skills are called the **Guiding Principles**.

Learning Results have been developed in each of these subject areas:

- *Career Preparation*
- *English Language Arts*
- *Foreign Languages*
- *Health & Physical Education*
- *Mathematics*
- *Science*
- *Social Studies*
- *Visual & Performing Arts*

At Cathedral School, we have the unique opportunity and responsibility to teach *Religion* as a primary subject and to offer our students experiences in living their Faith!

As you explore our new presentation for curriculum guides for each grade, please keep in mind that this is a *work in progress* and we are still fine-tuning the details. Enjoy, and please feel free to ask our Principal or your child's teacher any questions related to our curriculum or the Learning Results report.

~ Grade Five ~

1. RELIGION

Text: Blest Are We  
Silver Burdett and Ginn

- Demonstrates knowledge of the Trinity as they relate to the sacraments
- Learns that God gave us the ultimate sacrifice in Jesus
- Recognizes that God's love continues through us to the world through the Spirit of God
- Experiences and prepares for better communication within the family and outside it.
- Studies all seven Sacraments.
- Attends mass and Prayer Services.
- Recognizes selected prayers: Memorare, Acts of Faith, Hope, Love, Contrition.
- Devotion to Our Lady: Songs, rosary, May Crowning.
- Studies the Mass.
- Understands explanations and activities for Liturgical seasons and major feast days.
- Studies lives of the Saints.
- Studies parts of the Bible and how to use the Bible.

2. READING/LANGUAGE ARTS

Text: Scott Foresman Reading  
Scott Foresman Company,  
English, Harcourt Brace  
Spelling, Laidlaw

- Reads literature in a variety of genres, which illustrate distinct cultures in a variety of genres, and formulates and defends assumptions based on the literary elements. (Literature Study, Chapter books, Reading)
- Evaluates the connections between, and identifies the universality of themes among, various forms of literature. (Literature Study, Reading)
- Produces a well-developed piece of writing on demand, in response to an assigned prompt, that is organized, uses language effectively, has voice and demonstrates control of mechanics in a manner appropriate to the demands and the complexity of the assigned tasks.
- Independently and accurately uses standard oral and written language conventions in formal and informal situations. (Spelling, English, Creative Writing, Book Reports, Research, Papers, SS Essays, Public Speaking)
- Identifies bias in oral, written, and visual materials.
- Identifies how and when the power of language creates impressions and generates bias.

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- Evaluates the reliability of information from the mass media. (Reading, Current Events, class discussions)
- In reading, discussing or writing about written materials independently, poses questions, predicts, interprets, and responds to build comprehension. (Reading, chapter books)
- Generates an initial text on a self-selected topic, using prewriting strategies, and then use strategies for revision to improve correctness, clarity of purpose and expression in a finished piece for a specific audience. (English, Creative Writing, Research, book reports, public)
- Uses a variety of media and technological resources to investigate multiple topics for creative and expository written and oral presentations. (Research Report, Science Fair Presentation, English)
- Uses research skills to locate, collect, organize, and share materials from a variety of resources to inform, describe, entertain, and/or persuade depending on audience and purpose. (Library, English, Research Papers)
- Writes letters, both in personal and business styles.
- Identifies Figures of Speech - similes, metaphors, personification, alliteration, onomatopoeia.
- Adjusts reading, listening, and viewing strategies in order to comprehend a variety of materials for a variety of purposes. (Reading, Literature, Chapter Books)
- Identifies and utilizes English parts of speech - grammar. (English)
- Reads and discusses poetry - Haiku, limericks, diamante, cinquain, and free verse.
- Reviews writing mechanics including punctuation.
- Reviews handwriting skills.

3. MATHEMATICS

Text: Scott Foresman Mathematics  
Scott Foresman Company

- Computes and models all four operations with whole numbers, fractions, decimals, and percents, applying the order of operations.
- Creates, solves, and justifies multi-step, real-life problems (including those with ratio and proportion) having selected and applied appropriate methods, tools and manipulatives.
- Uses numbers in a variety of equivalent forms (fraction, decimal, percent) in practical and theoretical problem solving.
- Understands the relationship between basic arithmetic operations.
- Applies ratio, proportions, percents, number theory concepts (i.e. Primes, factors and multiples) in practical and other mathematical situations.
- Uses a coordinate system to define and locate position.

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- Demonstrates the structure and use of systems of measurement.
- Develops and uses concepts that can be measured directly or indirectly, such as the concept of rate.
- Uses directed graphs to model practical situations or solve problems.
- Analyzes and reports on data using mean, median, mode, and range to formulate and solve problems.
- Make inferences and constructs convincing arguments based on data.
- Uses the concepts of variables and expressions.
- Solves linear equations using concrete, informal, and formal methods applying order of operation and equation.
- Analyzes tables and graphs to identify properties and relationships in a practical context.
- Investigates inequalities.

4. SCIENCE

Text: McGraw-Hill Science  
MacMillan McGraw-Hill

- Studies the atmosphere.
- Investigates weather and its causes.
- Constructs weather instruments.
- Analyzes earth's composition and studies the earth's structure.
- Investigates earth's changing crust.
- Describes earth's surface features.
- Analyzes and studies earth's history.
- Investigates forms of energy, its transfer, and conservation.
- Learns about and discusses fossil fuels and other energy alternatives.
- Investigates plant characteristics including growth cycles, ecosystems, and biomes.
- Discusses and identifies skeletal systems.
- Learns to identify proper and appropriate means of nutrition.

5. SOCIAL STUDIES

Text: McGraw-Hill Social Studies  
McMillan McGraw-Hill

- Identifies the characteristics of a democratic government.
- Describes how government policies can change.
- Compares reasons for revolutions in different times and places.
- Develops and practices skills necessary for participatory citizenship, including participation in decision making, persuasion, compromise, debate and problem solving. (Social Studies, Junior Achievement)
- Describes how technology has expanded human abilities to modify physical environments.
- Explains how people have adapted to and/or modified their environments in specific times and places.
- Explains how migration influences the character of places.
- Examines the patterns and results of international trade.
- Examines the roles and impact of political parties and leaders on the American political system.
- Compares leadership and civic rights in our democracy that of an authoritarian type government.
- Identifies the sequence of major eras and historical turning points in the roles and relationship of the United States with other nations from the time of explorations to the mid-20th century.
- Explains reasons for alliances with some nations against others.
- Identifies the sequence of historical turning points in the roles and relationships of the United States.
- Examines civic rights, liberties, and responsibilities established in the US Constitution and Bill of Rights.
- Examines differing philosophies in selected influential presidential administrations.
- Defines culture in terms of one's own experience.
- Analyzes benefits and problems when cultures have interacted.
- Defines the characteristics of historical turning points.
- Evaluates the impact of changes on past and present cultures.
- Describes the effects of historic changes on daily life.
- Predicts outcomes by using knowledge of past and current events.
- Uses information from a variety of sources to identify and support a point of view on a controversial historical topic.

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- Determines effective workplace behaviors and skills.
- Applies communication, negotiation and problem-solving skills to participate in making a decision by consensus to deliver constructive feedback, and to express a problem to an authority figure. (class discussion, Junior Achievement)
- Analyzes how scarcity affects governments and individuals' decisions about production and consumption of goods and services.
- Identifies and analyzes the factors that contribute to personal spending and saving decisions. (Junior Achievement)
- Completes an initial attitude and employability assessment.
- Using interviews with adults and other research methods develops a model of the components and considerations of career development.