

The ROCHESTER CATHOLIC SCHOOLS are faith-filled communities that seek to provide a challenging, quality academic experience for students. Our schools are centered on the faith formation of the students as we develop the gifts and talents of each individual. The Rochester Catholic Schools cultivate in our students a respect for themselves and others, a sense of responsibility, a love of learning and a desire to serve. We understand that we are members of the global community of God's family.

We recognize the individual needs of each learner and provide both intervention and enrichment through differentiated instruction, small and large group work, collaborative learning groups, and flexible ability grouping and tracking. Student progress in achieving the curricular goals is measured in a variety of ways. Assessment may include teacher observation, student self-evaluation, formal testing, journals, pre/post testing, checklists and anecdotal records. The Stanford Test of Achievement is administered in grades two through eight.

All curricular areas are on a cycle of review and evaluation and meet or exceed state and national standards. This allows for improvement and growth based on the needs of our students and knowledge gained from reflection and research. The critical objectives of our curriculum are to enhance student potential and improve student learning. This brochure is designed to provide an over-view of the Rochester Catholic School's curriculum. It is based on the comprehensive curriculum that has been written for preschool through grade eight for each subject area.

Students in the ROCHESTER CATHOLIC SCHOOLS experience learning through active involvement, inquiry, hands-on instruction and real life situations. We work to model Christ, spread the Good News, and grow closer in our relationship to God.

RELIGION

Area of Focus: God's Commandments as Laws to Guide us in Loving God and Others

Profession of Faith

- God as Creator
- Jesus as the Son of God
- Jesus as Brother
- God as Father, Son and Holy Spirit
- Mary as the mother of Jesus

Celebration of the Christian Mystery

- Seven Sacraments and symbols of the Catholic Church
- Eucharist as the source and summit of Christian Life

Life in Christ

- Practice charity
- Love God
- Serve others
- People made in the image of God
- Commandments of Love
- Golden Rule
- Define sin
- Commandments I through VII
- Beatitudes

Christian Prayer

- Define prayer
- Participate in formal and informal prayer

WORLD LANGUAGES: SPANISH AND FRENCH

Communication

- Express physical/emotional needs, describe another person, and speak spontaneously
- Dictate information and analyze written passages

Cultures

- Meal time customs
- Catholic observances
- Differences in cultural practices

Connections

- Name extended family members, body parts, table settings, foods, geographic terms and words relating to the home

Comparisons

- Letters and sounds of the alphabet

Communities

- Technology use to establish connections
- Recite prayers

HOLY SPIRIT

5455 50 Ave NW
Rochester, MN 55901
507-288-8818

SAINT FRANCIS OF ASSISI

318 11 Ave SE
Rochester, MN 55904
507-288-4816

SAINT JOHN THE EVANGELIST

424 West Center St
Rochester, MN 55902
507-282-5248

SAINT PIUS X

1205 12 Ave NW
Rochester, MN 55901
507-282-5161

LOURDES HIGH SCHOOL

621 West Center St
Rochester, MN 55902
507-289-3991

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ROCHESTER CATHOLIC SCHOOLS

1710 Industrial Drive NW
Rochester, MN 55901
507-424-1817

Curriculum guide

GRADE 4

LANGUAGE ARTS

Phonics/Decoding/Function

- Schwa
- Vowel patterns
- Syllabification
- Sentence types
- Synonyms, antonyms, compound words and contractions
- Sentence parts
- Nouns, verbs, adjectives, and adverbs

Usage

- Sentence error correction
- Nouns, verbs, adjectives and adverbs
- Conjunctions

Mechanics

- Capitalization and punctuation
- Quotation marks

Vocabulary

- Word referents
- Idioms, similes and metaphors
- Analogies
- Selected vocabulary and their definitions
- Apply context clues to decode vocabulary

Comprehension/Study Skills

- Plot development, character traits, author’s purpose and point of view
- Dictionary and encyclopedia use

Writing

- Writing process
- Book reports
- Content area reports
- Essay responses
- Poetry
- Creative writing

Speaking and Listening

- Share personal experiences
- Expression use
- Give and follow directions

Spelling

- Reproduce words with regular and irregular spelling patterns
- Prefixes, suffixes, and base words

Reference Skills

- Dictionary and thesaurus skills

LIBRARY SKILLS

- Orientation
- Organization
- Selection and utilization of materials
- Comprehension
- Application/appreciation of literature

MATH

Mathematical Reasoning

- Estimate and check that answers are reasonable
- Express and solve a written problem in suitable mathematical language
- Solve a multi-step problem

Number Sense

- Read, write, compare and order numbers to 100,000
- Expanded notation with numbers to 99,999
- Round and estimate
- Place value to six digits

Computation/Operation

- Compute multi-digit whole numbers, fractions, and decimals to solve multi-step word problems
- Add and subtract whole numbers up to three digits
- Multiplication/division facts to ten
- Multiply/divide three- and four-digit numbers by one- and two-digit numbers

Patterns and Functions

- Find, describe, and extend patterns in tables and graphs

Algebra

- Determine missing number or operation in a simple arithmetic equation
- Order and group to assist in simple computations

Data Analysis and Statistics

- Collect and represent data
- Mathematical language to describe data
- Express outcomes of random experiments verbally and numerically

Spatial Sense

- Parallel, perpendicular, and symmetrical lines
- Construct a line, line segment, and ray

Geometry

- Classify two- and three-dimensional shapes by their attributes
- Compare angles

Measurement

- Area and perimeter of rectangles
- Measure and record length, volume, and weight in metric and customary units
- Time to the minute and second
- Make change using as few coins and bills as possible

HANDWRITING

Legibility

- Proper posture, pencil and paper position
- Proper formation of manuscript and cursive letters and numbers
- Size, slant, spacing, shape and smoothness

ART

- Line, shape, color, form, texture, and space
- Create artwork with a variety of media containing unity, balance movement, pattern, contrast, emphasis and proportion
- Analyze works of art

SCIENCE

Areas of Focus: Animal Studies, Land and Water, Space Science Sequence, Electrical Circuits, Motion and Design

- Structural characteristics and behaviors of the dwarf African frog, fiddler crab and millipede
- Maintain animals outside their natural habitats
- Role and properties of water and soil
- Erosion
- Water cycle
- Erosion and water flow
- Erosions and deposition
- Aerial drawings
- Effect of a dam on land and water
- Rotation and revolution
- Planets and Stars
- Eclipses and phases of the moon
- Electrical circuits and diagrams
- Conductors, insulators and diodes
- Forces and how they affect motion
- Scientific process

SOCIAL STUDIES

Area of Focus: Using Maps & Globes to study the Regions of the United States

Geography

- Read and interpret data from maps and globes
- Apply the concepts of divisions and scale
- Geographic regions of the United States
- States and capitals of the United States
- Geographic locations of current events

History

- Past, present and future regions of the United States
- History through current events

Civics

- Pledge of Allegiance
- Citizenship: respect for rights and responsibilities, service to others, personal integrity and patriotism
- Dignity of occupations and cultures

Environment

- Interrelationships of the regions of the United States and the environment
- Interdependence of world resources
- Energy resources in each geographical region

Economics

- Trade and commerce between states

Study Skills

- Study skills, test taking strategies and time management

MUSIC

- Expressive qualities, tone color, duration, pitch, design, cultural context and movement

COMPUTER SKILLS

The computer skills curriculum follows the guidelines set forth by the National Educational Technology Standards. At each grade level students are being introduced to, developing or mastering the many skills under each standard. Students will achieve mastery of these standards by the end of eighth grade. The use of technology is integrated into all curricular areas.

Areas of focus in Grade 4:

- Spreadsheets
- Access information
- Ethics
- Keyboarding mastery
- Word processing

PHYSICAL EDUCATION/HEALTH

- Strike, propel, and receive
- Track and field events
- Fitness testing
- Personal health
- Safety

FAMILY LIFE

Spiritual Being

- Our body, sexuality, and human reproduction as gifts from God
- Define procreation
- Respect all stages of life

Psychological Being

- Choice and decision making skills
- Concept of family
- Expression and response to feelings
- Friendship skills
- Catholic Virtues, and Gifts and Fruits of the Holy Spirit

Physical Being

- Physical changes and terminology
- Gender awareness
- Reproduction and procreation

GUIDANCE

- Personal, social and emotional health
- Careers and vocations
- Academic study skills