
St. Francis Catholic School

Course Description Booklet
2022-2023



St. Francis Catholic School
2202 Colton Blvd
Billings, Montana 59102

CORE CLASSES

ENGLISH LANGUAGE ARTS

ENGLISH LANGUAGE ARTS 51033

***Required* 5**

This course follows Montana state grade level standards through writing paragraphs and compositions; and speaking through class discussions, oral presentations, and speeches. Grammar, mechanics, and usage are emphasized in both writing and speaking. Literary terms and vocabulary are also incorporated into all aspects of the class. Classes use the Wonders program to enhance learning.

ENGLISH LANGUAGE ARTS 51034/51035/51036

***Required* 6-8**

This course follows Montana state grade level standards through reading novels, informational texts, and poems; writing paragraphs and compositions; and speaking through class discussions, oral presentations, and speeches. Grammar, mechanics, and usage are emphasized in both writing and speaking. Literary terms and vocabulary are also incorporated into all aspects of the class. Classes use StudySync program to enhance learning.

MATHEMATICS

5 MATH 52035

Required

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5 Math follows Montana State Standards for Mathematics at the 5th grade level. 5 Math focuses on the basics of Number Sense, Statistics and Probability, Beginning Expressions and Equations, Rates and Ratios and Geometry. All 5th grades will take 5 Math.

6 MATH 52036

Required

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6 Math follows Montana State Standards for Mathematics at the 6th grade level. 6 Math focuses on the basics of Number Sense, Statistics and Probability, Expressions and Equations, Rates and Ratios and Geometry.

7 MATH 52037

7

7 Math follows Montana State Standards for Mathematics at the 7th grade level. 7 Math focuses on the basics of Number Sense focusing on integer operations, Statistics and Probability, Expressions and Two-step Equations, Rates and Ratios and Geometry.

PRE- ALGEBRA 52051

7-8

This course is an introduction to algebra and introduces functions and relations, as well as extending the knowledge gained in 6 and 7 Math

ALGEBRA 52052**7-8**

Prerequisite: Pre-Algebra, MAP test results, teacher recommendation and departmental approval.

This course in algebra deals extensively with relations and functions (linear, quadratic, exponential, logarithmic). Introduction to trigonometry and other selected topics will be explored. This course is a rigorous advanced algebra which prepares students for high school honors math track.

GEOMETRY 52072**8**

Prerequisite: Algebra, MAP test results, teacher recommendation and departmental approval.

This course is presented primarily as a model of deductive thinking and gives strong attention to measurement formulas and 3-dimensional figures. Coordinate and transformational geometry is integrated throughout. Many of the concepts will be presented through individual or group projects. A significant review of algebra concepts is included in Geometry. This class is only for students who have successfully completed Pre-Algebra and Algebra.

SPECIAL NOTES:

1. Students who are failing their current mathematics course at the end of the first or second six-week grading period will be recommended to transfer into a more appropriate level course.
2. Geometry is a high school level class and includes daily Algebra review to help students maintain the highest possible concept mastery proficiency in preparation for placement in Algebra 2/Trig at the high school level.
3. Please review the math placement guidelines.

SOCIAL STUDIES

UNITED STATES SOCIAL STUDIES 54435 Required**5**

This course is an introduction to United States History.

WORLD/ANCIENT SOCIAL STUDIES 54436 Required**6**

This course is an introduction to ancient civilizations and religions. Students receive an intro to countries and civilizations from around the world.

GEOGRAPHY/MONTANA HISTORY 54437/54105 Required**7**

Students focus on the Geography of the world for the first semester. The second semester focuses on the History of the state of Montana.

UNITED STATES HISTORY 54438/54101 Required**8**

This course will review early United States History from the Expansion to the Civil War

PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION **58051/58035/36/37/38** *Required* **5-8**

All students will be introduced to a variety of activities throughout the year. Emphasis will be placed on participation, teamwork and sportsmanship. The main goal is to improve the health-related areas of physical fitness.

HEALTH **58052** *Required* **6**

All students will be introduced to the workings of the human body, nutrition and health-related aspects of physical fitness.

HEALTH II **58053** *Required* **7-8**

Students will take one year in either 7th or 8th grade an advanced look at nutrition, the human body and health related aspects of physical fitness.

RELIGION

RELIGION **122001** *Required* **5-8**

INTRODUCTION TO CATHOLIC CHRISTIANITY: Provides the student with an overview of the basic beliefs and practices of Catholic Christianity, building the groundwork and a common vocabulary necessary for future religion courses, and continued growth in prayer, community service, and Catholic Faith.

SCIENCE

SCIENCE **53235/53236/53237/53238** *Required* **5-8**

This course follows Next Generation Science Standards (NGSS) with a focus on Space, Earth, Life and Physical Sciences. Students will progress in their knowledge as they progress through 8th grade.

ELECTIVE CLASSES

FOREIGN LANGUAGE

SPANISH I **24950** *Elective* **7-8**

This course is an introduction to the Spanish language and the cultures of the Spanish speaking countries. Students learn the basic concepts that are critical to the mastery of the Spanish language. This class is conducted in Spanish and English.

SPANISH II 24950 Elective 8

Prerequisite: Spanish I

This course is a continuation of Spanish I, The year begins with a comprehensive review of the major grammatical concepts from last year, More emphasis is placed on speaking, reading, writing and listening in Spanish. This class is offered in Spanish and English

COMPUTER 22990

DIGITAL LITERACY 22990 Required 5

This course is an interactive introductory course to keyboarding, and practical applications of Microsoft Office 365 programs, including word, excel, and power point. All 6th graders will take computer applications.

COMPUTER APPLICATIONS 22990 Elective 7-8

Students will learn to design and implement computer programs that solve problems relevant to today's society, including art, business, and use hands-on experiences to use Microsoft Office 365 programs in a business capacity and learn digital design.

COMPUTER SCIENCE I 22990 Elective 7-8

In this introductory course, students will learn about different coding and programming options. Students will learn beginning computer programming and practical applications.

STEM I

This course brings together Science, Technology, Engineering and Mathematics. Examples may include Graphic arts, Scientific experimentations, engineering and building and development. Students must enjoy Science and Mathematics and able to work independently Students will work independently on skilled STEM projects.

STEM II 22990 Elective 8

Prerequisite: COMPUTER SCIENCE I or STEM I

This course is a continuation of Computer Science and STEM I students will utilize previous coding experience and knowledge to program technology. Examples may include, Robotics, 3D printing, and in-depth computer software and app development and design. Students will work independently or skilled STEM project

FINE ARTS

5 ART 55185 Required 5

Art is a beginning course for 6th grade students. This year long course covers the basics of drawing, and painting. It also provides a sequential introduction to the elements and principles of art.

HORTICULTURE 61104 Elective 7-8

Students study the workings of plants and will work with and grow multiple vegetables and flowers using the student built greenhouse.

MATH 180 52039 5-8

Math180 is a supplemental class that focuses on the basics of mathematics to help students become successful in their core Math class A student can take MATH 180 as a replacement for math if necessary. (Placement is based on teacher recommendation and Spring MAP scores.)

READ 180 51067 5-8

Read180 is a supplemental class that focuses on the basics of Reading and Literature to help students become successful in their core English Language Arts class, a student may take Read 180 as a replacement to ELA placement if necessary. (Placement is based on teacher recommendation, service plan, and Spring MAP score)

