

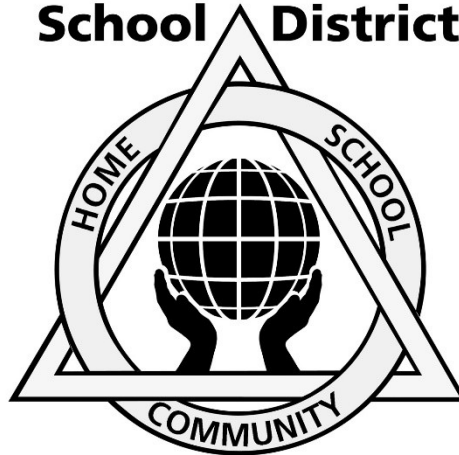
# FHSD

## Middle School

## Enrollment Guide

### 6<sup>th</sup> Grade

**Francis Howell  
School District**



**LEARNING TOGETHER**

# 2021 – 2022

Francis Howell School District  
4545 Central School Road  
St. Charles, MO 63304  
636-851-4000

# SIXTH GRADE COURSE SELECTIONS

Amended 02-02-21 – disregard all references to Exploratory Wheels

The middle school day consists of **seven** courses. Five of the courses are required.

The following **five** full-year courses are required of all sixth grade students:

1. English Language Arts 6 \*
2. Math 6 or Pre-Algebra 6 \*
3. Earth Science 6
4. Geography 6 (Social Studies 6)
5. Physical Education and Health 6

\*Core classes will be automatically uploaded based on recommendations.

This leaves **two** periods in a normal day to complete the student's schedule.

This can be accomplished by selecting **one** of the following options **A, B, or C**:

**Option A: Select all 8 Quarter-long courses.** (18 out of 18 units)

**Option B: Select one Year-long course and 4 Quarter-long courses** (16 out of 18 units)

**Option C: Select two Year-long courses** (14 out of 18 units)

## QUARTER-LONG ELECTIVES (NEW – In place of Exploratory Wheel)

### Pick elective courses in order of preference

0671361	Art 6
0671321	Family and Consumer Sciences 6 (FACS)
0671341	Industrial Technology 6
0671301	Music Production & Technology 6
0671373	Innovative Technology Design 6
0671311	Speech and Drama 6
0671331	World Cultures 6
0671381	Engineering By Design – Exploring Tech (EbD) <i>[Bryan, Hollenbeck, FH Middle, Saeger]</i>
0671503	6 - Design and Modeling <i>[Barnwell only]</i>

## YEAR-LONG ELECTIVES

### Students must register for both semesters

Beginning Band Semester 1 7871331/Semester 2 7871332

Choir 6 Semester 1 0671201/Semester 2 0671202

Spectra 6 (Must Qualify) Semester 1 0673001/Semester 2 0673002

**NEW REQUIREMENT THIS YEAR: Must select preference for instruction for next school year as an alternate: In-Person or Virtual**

**NOTE:** In order for a student to achieve their greatest potential academically and socially, a student may be placed in a Reading Intervention, MATH 180 or a support class. This course will take the place of option A, B, or C. Parents will be notified by letter before the end of the year if their student has been placed in one of these courses.

\*Pre-AP English Language Arts 6 and Challenge Math 6 are no longer being offered beginning with the 2021-2022 school year.

**FRANCIS HOWELL SCHOOL DISTRICT  
MIDDLE SCHOOL COURSE ENROLLMENT GUIDE  
2021-2022**

**6TH GRADE REQUIRED COURSE DESCRIPTIONS**

<b>ENGLISH LANGUAGE ARTS 6</b>
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This course is designed to further develop and strengthen reading and writing skills through the workshop model to ensure college and career readiness. Students will explore enduring understandings that characterize the literature students read through volume reading and volume writing. Fiction categories will include short stories, novels, poetry, and drama. Non-fiction categories will include auto/biography, essays/speeches, newspapers/magazines, print/electronic resources and poetry. They will also demonstrate their comprehension of these understandings by writing formally and informally - including argumentative, narrative, and informational writing. Becoming active listeners is a main focus of both small group and large group instruction. Students will also develop information literacy/research skills.

<b>MATH 6</b>
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Math 6 is the first of a three-year sequence of courses designed to prepare students for a rigorous college preparatory high school mathematics course. On a daily basis, students in Math 6 will use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments to justify their thinking. This course helps students develop multiple problem solving strategies and recognize connections between concepts. Upon completion of this course, students will be able to: collect, organize, and display data in multiple ways, analyze data using measures of central tendency, represent data sets using various methods and analyze how changes in data impact the representation, represent and compare quantities using manipulatives, diagrams, and number expressions, represent multiplication using rectangular arrays, represent integers on number lines and with manipulative, make sense of multiple representations of portions (decimal, fraction, percent) and convert from one form to the other, compare fractions and generate equivalent fractions, recognize ratios in tables and graphs and solve corresponding problems, use ratios to describe relationships with similar plane figures and other situations, use models and standard algorithms for computations with fractions and decimals, simplify variable expressions by combining like terms and using the Distributive Property, evaluate variable expressions and solve simple equations and inequalities, solve distance, rate, and time problems, solve percent problems including those with discounts, interest, and tips, compute area, surface area, and volume of rectangular solids, and represent solids using nets.

# FRANCIS HOWELL SCHOOL DISTRICT

## MIDDLE SCHOOL COURSE ENROLLMENT GUIDE

### 2021-2022

#### PRE-ALGEBRA 6

This course develops an understanding of algebraic concepts. Students will learn to think logically and symbolically. Using experimentation and reasoning, students will develop the knowledge necessary to create and manipulate symbolic rules. Topics covered will include, but are not limited to: rational numbers and applications, the Real Number system, proportional relationships, data, probability and statistics, geometry and transformations. This course will cover sixth, seventh, and eighth grade standards and be a foundational course for Algebra 1.

*Students must meet specific criteria to be placed in this course. Students who meet the criteria will be notified. There will be no waivers into Pre-Algebra 6<sup>th</sup> due to the grade-level accelerated content presented in this content.*

#### EARTH SCIENCE 6

This course is designed to have students explore the many facets of Earth Science through the use of scientific inquiry, technology and hands-on activities. The course focuses on three main topics: study of Earth's surface and forces that change it, study of weather, climate and factors that affect them, and study of our solar system and interactions of objects in it. Scientific inquiry and the environment are embedded into each unit. Students are encouraged to ask questions, explore questions, and assess human activity on Earth's resources and systems.

#### SOCIAL STUDIES - GEOGRAPHY 6

This course will explore geography around the world. Students will use the tools of social science and apply geographic skills to analyze human behavior in relationship to the impact their physical environment has on their culture. The course will focus on the effect geography has on the government and economics in the major regions of the world.

#### PHYSICAL EDUCATION & HEALTH - 6

This course is designed to refine basic skills and skill combinations in a variety of sports-related settings. Students are expected to participate in moderate to vigorous physical activities in a variety of settings and will develop an understanding of the fitness components and how they relate to their overall fitness. Students will develop health-related cooperation skills to accomplish group and team goals through the use of competitive games. Activities may include recreational games and sports, team sports and lead-up games, rhythm, and personal fitness and exercise. Dress out policies vary by building. Please refer to your course syllabus for correct dress out policies.

# FRANCIS HOWELL SCHOOL DISTRICT MIDDLE SCHOOL COURSE ENROLLMENT GUIDE 2021-2022

Consumer, personal, and family health curriculum will be incorporated into the 6<sup>th</sup> grade PE/Health curriculum periodically throughout the year. The health portion of the curriculum is designed to increase student knowledge of body systems, personal well-being, and social well-being throughout the year. Students will understand the health triangle (mental, social, and physical health) and the balance necessary to maintain overall health and wellness.

## ELECTIVES

### EXPLORATORY WHEEL

The sixth grade exploratory wheel is an opportunity for students to experience many different areas of study. The students spend a quarter in each of the following courses: Art, Family and Consumer Sciences, Industrial Technology, Music Production & Technology, Speech and Drama, World Cultures, Innovative Technology Design, and Exploring Technology (Engineering by Design). The experiences that students receive via the exploratory wheel in 6<sup>th</sup> and 7<sup>th</sup> grade are meant to help shape student elective choices in 8<sup>th</sup> grade and beyond.

#### WHEEL A

0671390 Semester 1

0671391 Semester 2

(These two semesters must be requested together.)

<b>ENGINEERING BY DESIGN</b>
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This course is designed to help students develop an understanding of the progression and scope of technology through exploratory experiences. In group and individual activities, students experience ways in which technological knowledge and processes contribute to effective designs and solutions to technological problems. Students participate in design activities to understand how criteria, constraints, and processes affect designs. Brainstorming, visualizing, modeling, constructing, testing, and refining designs provide firsthand opportunities for students to understand the uses and impacts of innovations. Students develop skills in communicating design information and reporting results.

# FRANCIS HOWELL SCHOOL DISTRICT MIDDLE SCHOOL COURSE ENROLLMENT GUIDE 2021-2022

## FAMILY AND CONSUMER SCIENCES 6

This course is designed to introduce students to foods and nutrition and provide opportunities to prepare food. Students will become familiar with proper use of hand sewing equipment and will complete a sewing project to take home.

## MUSIC PRODUCTION AND TECHNOLOGY 6

This course is designed as hands-on class for beginning to advanced musicians that will show students how to produce and record music and other audio projects using digital tools, with final products that are sharable online. Topics will emphasize technology and may include songwriting, digital recording, and basic audio engineering skills. Students will create, present and perform works while exploring music fundamentals through inquiry-based learning activities using programs such as GarageBand.

## SPEECH AND DRAMA 6

This course is designed as a performance class that will improve the students' abilities to present themselves in front of an audience. Students will learn drama, speaking, and listening skills. Topics include types of communication, acting, public speaking, mass media, electronic communication and performance production. Performances may include formal or informal speeches, pantomime, puppetry, small group or large group scenes, or dramatic presentations. Techniques taught in Speech and Drama are required in many core classes.

### WHEEL B

0671395 Semester 1

0671396 Semester 2

(These two semesters must be requested together.)

## ART 6

This course is designed as an introduction and exploration of artistic expression, techniques and studio processes. Students will create, respond to, present, and connect their ideas while developing artistic skills and behaviors. Discovering new ways to use familiar art media, students are encouraged to surrender to the creative process. Media may include graphite, pastels, paint, or clay. Growth will be measured through active participation, studio work and portfolio production.

# FRANCIS HOWELL SCHOOL DISTRICT MIDDLE SCHOOL COURSE ENROLLMENT GUIDE 2021-2022

## INDUSTRIAL TECHNOLOGY 6

This course is designed to allow students to explore Industrial Technology processes, procedures, and career opportunities. Emphasis is placed on safety procedures while presenting a basic knowledge of tools and their applications. The students will begin hands-on experience in the construction of a number of projects.

## INNOVATIVE TECHNOLOGY DESIGN

This course is designed as an entry level technology course that will engage students in a variety of aspects including, but not limited to, the use of emerging technological tools, computer programs and applications. Students will learn using communication and creativity through a variety of lessons and activities designed to promote learning.

## WORLD CULTURES 6

This course is designed as an exploratory course that will introduce students to the cultures of French, German and Spanish speaking regions. Emphasis is on understanding the components of culture, recognizing cognates (borrowed words), and basic vocabulary in each language. This course is not a prerequisite for 7<sup>th</sup> grade World Language Discovery.

# FRANCIS HOWELL SCHOOL DISTRICT MIDDLE SCHOOL COURSE ENROLLMENT GUIDE 2021-2022

The following electives are Year-Long courses.

## BEGINNING BAND

7871331 Semester 1  
7871332 Semester 2

This course is designed for any 6<sup>th</sup> grade student. Beginning band meets daily for the entire school year. No previous instrument skills are required and students are taught all they need to know to successfully play an instrument. Two concerts are presented for friends and family at school in the evening but no solo playing is required for the performance. While learning to play an instrument students learn to read and perform music, develop lifelong skills such as responsibility, goal setting, and teamwork. An instrument selection and information night is provided by each school to help parents and students choose the best instrument. While a student can join band after 6<sup>th</sup> grade, the best experience is with your peers.

## CHOIR 6

0671201 Semester 1  
0671202 Semester 2

This course is designed as an introductory performance class. This elective is open to anyone who enjoys singing. However, minimal ability to match pitch and sing a simple melody is expected. Course work will include learning basic breathing and vocal techniques through rehearsing, listening, and use of the concert text. Written assignments and tests, as well as performance tests and common assessments will be administered throughout this course. This group will prepare and perform two major concerts using unison and two part music during the year. Special concert attire may be required by the instructor.

## SPECTRA (for students enrolled in Gifted Program)

0673001 Semester 1  
0673002 Semester 2

This course is designed as an elective course for middle school students in the gifted program. This class meets daily for one period. Focus areas include: communication, collaboration, creative thinking, and critical thinking. Students learn how to create a culture, film and edit videos, and delve into the world of forensic science. The course will also address those social and emotional needs that are common in gifted adolescents. Students are expected to learn independently and take ownership in their education.



**FRANCIS HOWELL SCHOOL DISTRICT  
MIDDLE SCHOOL COURSE ENROLLMENT GUIDE  
2021-2022  
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES  
(ESOL) PROGRAM**

The ESOL program at the middle school level supports English Learners (ELs) acquiring the skills to communicate effectively in English in the areas of reading, writing, speaking, listening, viewing, and presenting. Students study curriculum-based content while focusing on English language learning. Students who qualify for ESOL services may receive ESOL instruction and support based on their needs. Students attend regular content area classes with their age-appropriate peers.

<b>ESOL Support</b>
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This class is designed to help English Learners improve their academic language skills. Students will receive direct instruction in the structures of writing, reading strategies, and vocabulary building, as well as listening and speaking skills. The ESOL teacher collaborates with regular classroom teachers to provide academic support and homework help for the English Learner to be successful while gaining proficiency in English.

**MISSOURI COURSE ACCESS PROGRAM  
(MOCAP)**

The Francis Howell School District participates in the Missouri Course Access Program (MOCAP). Because virtual instruction can be an effective education option for some students, there may be courses available either through a district-provided virtual option or through the Missouri Course Access Program (MOCAP). More information about virtual courses can be found on our website at: <https://goo.gl/TmFoSu>. Students and their parent(s)/guardian(s) should meet with their counselor if interested in MOCAP courses.

**MIDDLE SCHOOL SUMMER SCHOOL  
READING AND MATH ASSISTANCE**

Parents of students entering grades 6-7-8 needing assistance in Reading and Math will be contacted about the middle school summer school program. Students who are identified as needing additional assistance in reading and/or math will have the opportunity to enroll.

For additional information about the Middle School Summer School, please contact [FHSDsummerschool@fhdschools.org](mailto:FHSDsummerschool@fhdschools.org) or call (636) 851-4012.