

Faribault Middle School Registration Guide 2019-2020



Faribault Middle School

#Raisingthebar

“Every Falcon, Every Day.”

Faribault Middle School Registration Guide 2019-2020

This registration guide is designed to assist students and parent/guardians in understanding the program of studies and registration process at FMS. You will see the course descriptions for elective classes, required classes and options that require an application in this guide.

Faribault Middle School Weekly Bell Schedule

7 period Day Schedule

Grade 6	Grade 7	Grade 8
7:50 - 8:38 (48) 1st Hour	7:50 - 8:38 (48) 1st Hour	7:50 - 8:38 (48) 1st Hour
8:42 - 9:02 Advisory	8:42 - 9:02 Advisory	8:42 - 9:02 Advisory
9:06 - 9:54 (48) 2nd Hour	9:06 - 9:54 (48) 2nd Hour	9:06 - 9:54 (48) 2nd Hour
9:58 - 10:46 (48) 3rd Hour	9:58 - 10:46 (48) 3rd Hour	9:58 - 10:46 (48) 3rd Hour
10:50 - 11:16 (26) A Lunch	10:50 - 11:38 (48) 4th Hour	10:50 - 11:38 (48) 4th Hour
11:20 - 12:08 (48) 4th Hour	11:42 - 12:08 (26) B Lunch	11:42 - 12:30 (48) 5th Hour
12:12 - 1:00 (48) 5th Hour	12:12 - 1:00 (48) 5th Hour	12:34 - 1:00 (26) C Lunch
1:04 - 1:52 (48) 6th Hour	1:04 - 1:52 (48) 6th Hour	1:04 - 1:52 (48) 6th Hour
1:56 - 2:44 (48) 7th Hour	1:56 - 2:44 (48) 7th Hour	1:56 - 2:44 (48) 7th Hour

STEP 1: Carefully review the course descriptions to make your selections.

STEP 2: Please use the registration form at the end of this packet to indicate your desired course choices.

Parent signature required.

STEP 3: Please submit a written request to your school's office for scheduling needs or special accommodations for your student.

ALL students will have the following courses:

6th Grade Schedule	7th Grade Schedule
Advisory	Advisory
Math: Math Concepts or Pre-Algebra 6	Math: Pre-Algebra 7 or Algebra I 7
Lang. Arts 6 or Adv. Language Arts 6	Lang. Arts 7 or Adv. Language Arts 7 or ALC Lang Arts 7
Science: Physical Science 6	Science: Life Science 7
Social Studies: MN Studies or Advanced MN Studies	Social Studies: American Studies or Advanced AM Studies
Physical Education 6/Health 6 (every other day)	Physical Education 7/Health 7 (every other day)
Electives: Choose Your Music Option	Elective Options: choose from 5 options
Music Elective: Band, Choir, Orchestra, General Music	
The other elective hour will be chosen for all 6th graders.	
8th Grade Schedule	
Advisory	
Math: Algebra I 8 or Intermediate Algebra 8	
Language Arts 8 or Advanced Language Arts 8 or ALC Lang Arts 8	
Science: Earth Science 8	
Social Studies: Global Studies or Advanced Global Studies	
Physical Education 8/Health 8 (every other day)	
Elective Options: choose from 5 options	

*****6th Graders ONLY chose a MUSIC OPTION. All other electives are chosen for them.**

7th and 8th Grade Students may choose ONE of the following options:

Option 1: Yearlong Music: Band/Orchestra/Choir and 4 QTR electives

Option 2: Yearlong Music: Band/Orchestra/Choir and AVID

Option 3: AVID and 4 QTR electives

Option 4: 8 QTR electives

Option 5: (For 7th and 8th graders ONLY) Two yearlong music courses

Please see the course description to learn more about the courses.

Grade 6 Electives	Grade 7 Electives	Grade 8 Electives
AVID Elective 6 (year long application process)	AVID Elective 7 (year long application process)	AVID Elective 8 (year long application process)
Falcon Band 6 (year long)	Varsity Band 7 (year long)	Concert Band 8 (year long)
Falcon Choir 6 (year long)	Varsity Choir 7 (year long)	Concert Choir 8 (year long)
Orchestra 6 (year long)	Orchestra 7 (year long)	Orchestra 8 (year long)
General Music 6 (QTR)	General Music 7 (QTR)	General Music 8 (QTR)
Coding and Robotics 6 (QTR)	Art: Express Yourself! 7 (QTR)	The Amazing Art Race! 8 (QTR)
Family & Consumer Sciences 101 (QTR)	Art Rocks! 7 (QTR)	Business Workshop 8 (QTR)
Gateway to Technology 6 (QTR)	Coding and Robotics 7 (QTR)	Coding and Robotics 8 (QTR)
Intro to Digital Art 6 (QTR)	Design 7(QTR)	Digital Photography 8 (QTR)
Technology 6 (QTR)	Digital Photography 7 (QTR)	Drawing & Painting 8 (QTR)
World Cultures 6 (QTR)	Foods 7 (QTR)	Foods 8 (QTR)
Wonderful World of Art! 6 (QTR)	Gateway to Technology 7 (QTR)	Gateway to Technology 8 (QTR)
	Graphic Design 7 (QTR)	Graphic Design 8 (QTR)
	Guitar & Songwriting 7 (QTR)	Guitar & Songwriting 8 (QTR)
	Technology & Business 7 (QTR)	World Cultures 8 (QTR)
	World Cultures 7 (QTR)	

Course Placement Guide:

Advanced Courses: Faribault Public Schools is dedicated to and invested in each student's success. The majority of students in grades 6-12 find appropriate levels of challenge within the general classroom setting and some students desire a more challenging, rigorous academic experience. Advanced Courses are designed to meet the needs of students who are motivated, highly capable and require higher levels of academic challenge. Advanced Courses in English, Social Studies, and Math are designed to cover the same outcomes and curriculum as mainstream courses, with variations in pacing, depth and complexity of study, as well as an increased level of expectation regarding student work.

While in middle and high school, it is important that each student be provided with an appropriate level of challenge. This challenge should provide a sufficient amount of rigor with the probability of success and result in academic growth and confidence building. When a student is placed in an advanced course, students are expected to complete the class. To match students' academic readiness and needs with the most appropriate classroom setting, a placement consideration process is used to determine which students would be placed in each Advanced Course sequence. **Placement screening process for Advanced Courses: 90% MAP Math and 90% MAP Reading, along with above average grades, strong work ethic, and teacher recommendation. Placement tests may be given.**

Note to parents:

We recommend you take several factors into consideration when deciding how many Advanced Courses your child will take. Even though s/he may meet criteria for all Advanced Courses, students **are not required** to take them. Please consider your child's interest level in the subject area, his/her extracurricular activity schedule and your child's pace when working on homework. If you have additional questions regarding these considerations, please contact the counselors.

AVID Elective: (Available for grades 6-8, Application Process)

AVID is a college readiness course designed to give students the skills to get to and graduate from college. AVID teaches skills for academic success through the use of WICOR, tutorials, Cornell Notes, binder organization, advanced coursework, leadership, personal relationships, and more. Interested students must apply and go through an interview process for acceptance into the class.

AVID students are students, in the middle, capable of completing a college preparatory path with support. These students often are not realizing their full potential academically. In the identification process, a number of criteria are considered, including: state scores, 2.0-3.5 GPA, Citizenship, Attendance, Desire and Determination, First in the family to attend college, Historically, underrepresented in 4-year colleges/universities, Economically disadvantaged, and Other special circumstances.

Advisory: The school day includes an Advisory period that is made up of a group of students and a teacher from their teaching team or grade level. The purpose of Advisory is for students to have a place to build community through: school connectedness (i.e. connecting with an adult), relationships, communication, academic support, future planning, and citizenship. Advisories will follow a weekly schedule that will include academic support, work time, relationship building, college/career readiness, and various academic progress monitoring activities.

English Language Learner Course Descriptions:

EL Reading and EL Writing (Low): In this course (made up of two classes, EL Reading and EL Writing) we will be reading selections about various topics exploring varying fictional and nonfictional topics including the following: What defines home? How do we depend on Earth's resources? How should people deal with the forces of nature? How can a powerful character inspire a range of reactions? How do discoveries change us and the world? We will also be learning and practicing the following grammar topics: Basic sentences and writing a paragraph - Nouns, complete sentences, subject+verb agreement - Pronouns and helping verbs - Adjectives, adverbs, and participles - Past tense verbs *This course is taught by their grade-level EL teacher in a self-contained classroom.

EL Read/Write (Intermediate): This course aims to support our students in their grade-level Language Arts classes. Students receive scaffolds and other strategic support to pre-teach and reteach what students are learning in their grade-level Language Arts course along with extension activities to increase their content comprehension. *This course is taught by their grade-level EL teacher in a self-contained classroom.

6th Grade Course Descriptions:

6th Grade Core Courses (All Year Long):

Language Arts 6: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards.

Advanced Language Arts 6: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards. As an advanced class, some standards of the next grade up will be used and different texts will be used for some of the units. Students are selected based on grades, work ethic, critical thinking skills, test scores, and teacher recommendations.

Math Concepts 6: Students will study the following concepts: Algebraic Reasoning; Integers and Rational Numbers; Proportional Relationships; Graphs and Functions; Fractions, Decimals, and Percents; Geometry (2-D and 3-D formula use); Measurement; and Probability.

Pre-Algebra 6: **6th Grade Advanced Math** allows for a faster pace, more in-depth study of concepts, and Enrichment opportunities. Students will study the following concepts: Algebraic Reasoning; Integers and Rational Numbers; Proportional Relationships; Graphs and Functions; Fractions, Decimals, and Percents; Geometry (2-D and 3-D formula use); Measurement; and Probability.

Physical Science 6: 6th grade physical science serves as an introductory science course that will focus on core scientific principles and concepts such as scientific inquiry, engineering and design, motion, energy, matter, chemistry, waves, and light. Students will regularly integrate technology by using computer simulations, analyze digital data, and create digital media projects to demonstrate their learning. In addition, students will regularly use scientific inquiry to investigate physical science concepts. This course will prepare students with the necessary skills to be successful in 7th and 8th grade science.

Minnesota Studies: The grade six social studies curriculum centers on the state of Minnesota. We use our great state to teach history, civics, economics, geography, and help instill pride in being Minnesota citizens. To view Minnesota's 6th grade social studies standards click on the link below:

<http://education.state.mn.us/MDE/EdExc/StanCurri/K-12AcademicStandards/SocialStudies/index.html>

The following are some key units/topics that are covered throughout the school year; for additional information please view the 6th Grade Minnesota Studies curriculum map: Minnesota State Government, Minnesota Geography, Dakota and Ojibwe, European Exploration, Minnesota and the Civil War, Budgeting, A World at War, Minnesota Today, and Literacy. These are just a few of the highlights of what we cover throughout the school year. Our goal is to help each student develop a good understanding of each focus area and be proud to be from Minnesota.

Advanced Minnesota Studies: This advanced course provides students with a challenging curriculum that is aligned to the Minnesota State Standards. At the advanced level, students will use a wide variety of text to increase their use of critical thinking skills. The curriculum moves at an accelerated pace with a more concentrated focus on independent reading, writing, analysis, and problem solving. The primary goals of the course are to foster independent learning and encourage in-depth exploration of their home state of Minnesota.

Physical Education 6: This course is focused on the continued development of physically literate individuals. Physical literacy, as defined by the Society of Health and Physical Education, is the ability, confidence, and desire to be physically active for life. In PE 6, students will study a variety of motor skills and movement patterns while learning concepts, principles, strategies and tactics related to how to use those motor skills and movement patterns. Throughout the year, students will work to learn and apply the skills necessary to achieve and maintain a health-enhancing level of physical activity and fitness, while working towards understanding the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction. Additionally, responsible personal and social behavior that respects one's self and others is interwoven into the course. Students will complete a variety of activities including: Team Building, Throton, Foot Golf, Soccer, Archery, Fitness, Volleyball, Team Handball, Tumbling, Broomball, Basketball, Floor Hockey, Kickball and Pickleball. Students also complete portions of the FitnessGram fitness test (curl-ups, pull-ups/flexed arm hang, mile, PACER and back-saver sit and reach).

Health 6: In 6th grade health we discuss the dimensions of health (Physical, Emotional/Mental, & Social) daily to incorporate the learning into our everyday life. We do many activities in each topic to relate to 6th graders and give them hands on experience. The topics we cover include: Dimensions of Health, Communication and Self Advocacy, Organizational Skills and Time Management, Body Systems, Nutrition, Puberty, Communicable Diseases, Emergency Preparedness & Safety, Drugs, Media influences on Health Behaviors, and Environmental Health.

6th Grade Electives:

REACH 6 (Year Long-Teacher Recommendation): This is a class that can be utilized for a variety of purposes dependent upon the needs of the student. The main focus is on teaching students to be more successful in school by staying organized, aware, and developing perseverance. This course replaces a yearlong elective or four quarter electives.

AVID Elective 6 (Yearlong): (application and interview) AVID is a college readiness course designed to give students the skills to get to and graduate from college. AVID teaches skills for academic success through the use of WICOR, tutorials, Cornell Notes, binder organization, advanced coursework, leadership, personal relationships, and more. Interested students must apply and go through an interview process for acceptance into the class.

Music Options: 6th graders MUST have music. Please choose at least one.

Falcon Band 6 (Year Long): Do you want to learn how to play an instrument and have fun performing music with friends? Then you should join band! 6th graders get to try out and choose an instrument to learn in band class. Students will learn the fundamentals of proper tone production, breathing, sight-reading, and more! We perform concerts throughout the year and work as a team. See you in Falcon Band! *****This course fulfills the Music requirement.*****

Falcon Choir 6 (Year Long): Do you sing in the car, the shower, or even during passing time? Then Falcon Choir is the place for you! Choir students will sing music that spans decades and musical genres. Be prepared to experience new things with an open mind; in choir, students will discover their own singing voice, and develop skills that will make us better musicians. Students will learn the essentials of healthy vocal production, sight singing, ear training, and music theory skills. We will learn the importance of team building and creating a fun and safe community everyday. All that is required is a willingness to try new things and an interest in singing! We perform three concerts during the year. Come join us in Falcon Choir! *****This course fulfills the Music requirement.*****

Orchestra 6 (Year Long): In Orchestra, students engage in making music as part of an ensemble by perfecting techniques, learning new skills, working as part of a team and having fun. *****This course fulfills the Music requirement.*****

General Music 6 (Quarter Long): In General Music, students will explore a variety of topics related to listening, creating, and appreciating music. During this course, students will study and develop an understanding of basic music theory, song form and structure, music composition, and different musical genres by experiencing and creating music through many different avenues. Come learn about various musical styles, instruments, technology, and more! *****This course fulfills the Music requirement.*****

Coding & Robotics 6 (Quarter Long): Would you like to learn a secret language? Do you like robots? Coding and Robotics will help you develop basic skills for programming/coding that is used to control computer programs and robots. In this class, you will use the online computer program called Scratch which allows you to create animations, stories, games, and much more. Sphero Balls will also be used to program/code solutions to many challenging situations. Last, you will learn skills to build and program basic EV3 LEGO Robots that will be used in future sections of this class.

Intro to Digital Art 6 (Quarter Long): Students will be introduced to the fundamentals of Digital Photography and Graphic Design. Five areas of instruction will be emphasized: how cameras work; how composition works; how lighting works; how to use photo editing software; and how to effectively convey a visual message to an audience. Students will receive instruction, demonstration and view samples of each project. We will critique student photos and they will observe the difference between an ineffective and effective photo. Students will utilize the iPad, photo editing apps, graphic design apps, and traditional mediums.

Family and Consumer Sciences 101 (FACS 101) (Quarter Long): Let's explore FACS! This is a project-based class full of hands-on activities and teamwork. Learn basic kitchen skills to prepare quick, easy snacks and meals. You'll practice your skills in the lab and eat what you prepare. You will also learn how to choose snacks that are not only tasty but healthy, too. In addition to cooking, learn how to hand sew and operate a sewing machine. Show off your new skills by sewing a pillowcase to take home. Throughout the quarter we will also focus on positive communication skills and learn how to work effectively with your classmates.

Gateway to Technology 6 (Quarter Long): The middle school program can show you how to build a robot, a dragster, and a fantastic future. Gateway to Technology is full of fun, hands-on activities. Students in 6th grade will be spending time in Design and Modeling, and Science of Technology, where they will be designing and manufacturing air dragsters and a candy machine. The five Gateway to Technology units are:

1. Design and Modeling
2. Science of Technology
3. Magic of Electrons
4. Automation and Robotics
5. Flight and Space

Technology 6 (Quarter Long): Do you want to learn your way around the computer better, improve your speed and accuracy, organize files and evaluate websites? You can use Microsoft Office, Google Drive and web sites to make all of this happen! The possibilities are endless! You'll engage in using computer skills which are valuable for the rest of your life. Whether you have very little or a lot of experience with computers, there is more to learn in the digital world!

World Cultures 6 (Quarter Long): Want to learn about the traditions or way of life of particular groups of people? Do you want an introduction to different Languages? Than World Cultures is for you! In this course you will get an introduction to the people, language, religion, food, music, and holidays in **Latin America** and **East Africa**.

Wonderful World of Art! 6 (Quarter Long): Do you love to draw, paint, and use clay? Then you should explore the Wonderful World of Art! Make your own clay creature; create in the style of Vincent Van Gogh; learn a variety of painting techniques; discover 1-point perspective and more! Students will work with a variety of media including chalk pastels, oil pastels, watercolor, tempera, clay and technology. This course incorporates the four strands of DBAE Art Education (Art Production, Art History, Art Theory and Art Criticism).

7th Grade Course Descriptions:

7th Grade Core Courses (All Year Long):

Language Arts 7: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards.

Advanced Language Arts 7: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards. As an advanced class, some standards of the next grade up will be used and different texts will be used for some of the units. Students are selected based on grades, work ethic, critical thinking skills, test scores, and teacher recommendations.

ALC Language Arts 7 (Teacher Recommendation): is a class designed to teach students the art of using language to communicate via reading, writing, speaking, viewing, and listening. Lessons are developed to help students improve upon the skills needed to meet the Minnesota Common Core Language Arts standards. Students in the ALC program are able to take advantage of looping with the same teacher for all three grades of middle school, small class sizes, and a flexible lesson schedule.

Pre-Algebra 7: 7th Grade Math is an important bridge between the abstract nature of Algebra and the more concrete nature of arithmetic in the younger grades. This course has a general goal of moving students toward a more complex way of thinking. Additionally, the foundations of Algebra start here, and are essential to master before moving onto the next step.

Algebra I 7: **7th Grade Advanced Math** is a study of the language, concepts, and techniques of Algebra that will prepare you to approach and solve problems following a logical succession of steps. Skills taught in the course lay the groundwork for upper-level math and science courses and have practical uses.

Life Science 7: Life Science is the study of living organisms within the ecosystem and their interactions with living and nonliving components. The units of study for seventh graders are: Invertebrates, the Scientific Method, the Metric System, Cells, Protists, Heredity, Evolution, and Vertebrates.

American Studies 7: American Studies 7 focuses on United States History with a strong emphasis on citizenship and government. We will round out the study of the United States History with important economic and geography content. Students learn about people, issues and events of significance to this nation's history from 1800 to the impact of World War II. They examine the Declaration of Independence, the Constitution and the Bill of Rights, and Supreme Court decisions for their lasting impact on the American people, economy and governance structure. Students study civics and economic principles in depth, drawing connections between these disciplines and history to explain the impact of various policies on how people lived, worked and functioned in society. They create and use detailed maps of places in the United States and conduct historical inquiry on a topic in the nation's history.

Advanced American Studies 7: Advanced American Studies 7 is designed to create a more rigorous academic experience for students with a more in-depth approach to United States History, citizenship and government. Students will frequently be asked to think, analyze and evaluate documents, events, people and policies like actual historians do. Students will be asked to use a variety of primary and secondary sources to gain more insight into understanding the events that have shaped our nation.

Physical Education 7: In PE 7 students will study a variety of motor skills and movement patterns. Students will learn concepts, principles, strategies and tactics related to movement and performance along with the skills necessary to achieve and maintain a health-enhancing level of physical activity and fitness. Responsible personal and social behavior that respects self and others are interwoven into the course. The value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction will be learned. Students will complete a variety of activities including: Team Building, Disc Golf, Throton, Soccer, Volleyball, Archery, Fitness, Floor Hockey, Table Tennis, Basketball, Tumbling, Team Handball, Wiffle Ball and Tennis. Students also complete portions of the FitnessGram fitness test (curl-ups, pull-ups/flexed arm hang, mile, and back-saver sit and reach).

Health 7: Students will learn skills and strategies that will be beneficial for them to make healthy decisions now and for a lifetime. Topics covered include: Non-communicable diseases, stress, mental/emotional health, nutrition, alcohol and other drugs, reproduction, and healthy relationships.

7th Grade Electives:

REACH 7 (Year Long-Teacher Recommendation): This is a class that can be utilized for a variety of purposes dependent upon the needs of the student. The main focus is on teaching students to be more successful in school by staying organized, aware, and developing perseverance. This course replaces a yearlong elective or four quarter electives.

Art: Express Yourself! 7 (Quarter Long): Have something to say? Do you value individuality and creativity? Then make a statement and Express Yourself! Students will dive into the world of Expressionism, Abstract Expressionism, and Pop Art and learn how to express their ideas and feelings through Art. Learn about Andy Warhol, Chuck Close, Wayne Thiebaud and other famous artists! Students will use a variety of mediums including clay, oil pastels, acrylics and more! This course incorporates the four strands of DBAE Art Education (Art Production, Art History, Art Theory and Art Criticism). Students will maintain a sketchbook/portfolio as a required component of this course.

Art Rocks! 7 (Quarter Long): Just like music uses sound, Art uses images to tell stories. Students will be introduced to a variety of Folk Art from around the world. We will create amazing pieces, such as: Oaxacan (Mexico) clay whistles, Japanese wind socks called Koinobori, African mask making, collage in the style of Romare Bearden (Harlem Renaissance), Native American artwork and more! This course incorporates the four strands of DBAE Art Education (Art Production, Art History, Art Theory and Art Criticism). Students will maintain a sketchbook/portfolio as a required component of this course.

AVID Elective 7 (Year long): (application and interview) The AVID 7 elective class is designed to prepare students for taking rigorous courses in high school that will put them on a college bound path. Curriculum in this class focuses on writing, critical thinking, collaboration, reading, note-taking, study skills, organization, time-management and college/career/motivational activities. Students are expected to keep an organized binder and take notes in every class every day of the week. On Tuesdays and Thursdays, students participate in collaborative study groups or tutorials led by tutors who use skillful questioning to bring students to a higher level of understanding.

Coding and Robotics 7 (Quarter Long): Do you Like Robots? Do you want to learn skills of today's careers? Coding and Robotics will provide you with the opportunity to work in groups to solve real-world technological problems. At the beginning of this class, you will use the online computer program called Scratch to review the basics of block programming/coding. You will then learn how to build, program/code, test, and evaluate various EV3 LEGO Robots. Your creations will be used to develop solutions to a variety of real-world problems.

Design 7 (Quarter Long): Do you love hands-on projects? Are you a creative thinker? Design is a project-based class that will allow you to express yourself through interior design and sewing projects. Learn about color, design elements, housing trends, floor plans and more while you design your own room during our interior design unit. Learn how to use a sewing machine to sew your own bag to take home with you.

Digital Photography 7 (Quarter Long): Students will build upon their Photography knowledge and explore further composition styles and techniques. Emphasis is on self-expression and successfully conveying a visual concept to an audience. Students will receive instruction, demonstration and view samples of each project. Students will create cut paper videos using Stop Motion. We will be utilizing iPads, photo editing apps, MacBooks, and Adobe Lightroom.

Foods 7 (Quarter Long): Do you enjoy eating and want to know how to make the foods you love? Learn about food groups, unit pricing, table setting, and garnishing all while practicing kitchen skills to plan and prepare tasty meals. This hands-on class will help take you to the next level in the kitchen. Show off what you learn during the quarter by inviting a guest to enjoy a meal you prepare.

Gateway to Technology 7 (Quarter Long): Do you want to know how to build a robot, a dragster, and a fantastic future? Gateway to Technology 7 is full of fun, hands-on activities. In this class you will be spending time in Design and Modeling, Science of Technology, and Flight and Space, where you will be designing and manufacturing magnetic levitation racers, a model rocket, and plastic pen holders. The five Gateway to Technology units are:

1. Design and Modeling
2. Science of Technology
3. Magic of Electrons
4. Automation and Robotics
5. Flight and Space

General Music 7 (Quarter Long): In General Music, students will build on their previous musical experiences by exploring a variety of topics related to listening, creating, and appreciating music. During this course, students will study and develop an understanding of basic music theory, song form and structure, music composition, and different musical genres by experiencing and creating music through many different avenues. Come learn about various musical styles, instruments, technology, and more!

Graphic Design 7 (Quarter Long): During this course, students will begin their journey into the world of Graphic Design. They will develop posters, logos, and create original digital drawings. Students will work with typography and image manipulation to create unique design projects and proposals. We will consider the differences between Fine Art and Design. Students will utilize iPads, MacBook, and Photoshop to create original Art.

Guitar and Songwriting 7 (Quarter Long): In this class, students will learn how to play the guitar and create original songs. During this course, students will study and develop an understanding of basic music theory, song form and structure, music composition, and different musical genres. This course is designed for students who have no prior guitar experience. ****Students must also be in band, choir, and/or orchestra to be eligible for this class****

Orchestra 7 (Year Long): In Orchestra, students engage in making music as part of an ensemble by perfecting techniques, learning new skills, working as part of a team and having fun.

Technology & Business 7 (Quarter Long): Take your Microsoft Office skills and Google Drive knowledge to the next level by exploring some “real life” experiences! Be a designer, manage your money, make business decisions and experience success! This course will also allow you to learn the basics of web page design. Creativity (you make choices), critical thinking (you make decisions) and collaboration (working with classmates) are keys to your success in this class!

Varsity Band 7 (Year Long): Do you want to learn how to play an instrument and have fun performing music with friends? Then you should join band! 7th Graders who played in band last year will continue to learn new skills on their instrument, and new 7th grade band students will have the opportunity to try a new instrument. Students will learn the fundamentals of proper tone production, breathing, sight-reading, and more! We perform concerts throughout the year and work as a team. See you in Varsity Band!

Varsity Choir 7 (Year Long): Choir students will sing exciting music that spans decades and musical genres. Be prepared to experience new things with an open mind; in choir, students will discover their own singing voice, and develop skills that will make us better musicians. New students will learn the essentials of healthy vocal production, sight singing, ear training, and music theory skills, and returning choir members will continue to develop their these skills and more! We will learn the importance of team building and creating a fun and safe community everyday. All that is required is a willingness to try new things and an interest in singing! We perform three concerts during the year. Come join us in Varsity Choir!

World Cultures 7 (Quarter Long): Want to learn about the traditions or way of life of particular groups of people? Do you want an introduction to different Languages? Than World Cultures is for you! In this course you will get an introduction to the people, language, religion, food, music, and holidays in **Europe** and **Australia**.

8th Grade Course Descriptions:

8th Grade Core Courses (All Year Long):

Language Arts 8: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards.

Advanced Language Arts 8: This is a core class designed to develop a student's reading, writing, speaking, viewing, and listening using the Minnesota Common Core Standards. As an advanced class, some standards of the next grade up will be used and different texts will be used for some of the units. Students are selected based on grades, work ethic, critical thinking skills, test scores, and teacher recommendations.

ALC Language Arts 8 (Teacher Recommendation): This is a class designed to teach students the art of using language to communicate via reading, writing, speaking, viewing, and listening. Lessons are developed to help students improve upon the skills needed to meet the Minnesota Common Core Language Arts standards. Students in the ALC program are able to take advantage of looping with the same teacher for all three grades of middle school, small class sizes, and a flexible lesson schedule.

Algebra I 8: Algebra I addresses the linear components of the algebra standards. Topics included in the course are operations with real numbers, solving equations and inequalities, applying functions, and solving systems of equations and inequalities.

Intermediate Algebra 8: (Advanced Math 8) Intermediate Algebra addresses the linear and nonlinear components of the algebra standards. Topics are the same as Algebra I with the inclusion of statistics, probability and exponential, polynomial, quadratic and radical functions.

****This course goes on student's High School transcript.**

Earth Science 8: Earth science—the study of the Earth! Throughout the year we will integrate the practice and nature of science and engineering with our other topics and learn these concepts in an Earth science context.

The following is a summary of what students will come to understand.

- **Practice and Nature of Science and Engineering:** Students will understand that science is a way of knowing about the world through scientific inquiry using multiple skills to design and conduct investigations through current technology.
- **Matter:** Students will understand the structure of matter and its characteristics, including chemical and physical changes, elements, mixtures and pure substances.
- **Geology:** Students will understand the patterns of change and constancy in the Earth and its history, including plate tectonics, weathering and erosion of landforms, minerals, rocks and rock layers.
- **Astronomy:** Students will understand Earth's position and its interaction in the solar system and its place in the universe, including the Sun, Moon, rotation and seasons.
- **Meteorology:** Students will understand the patterns of change and constancy in the Earth's atmosphere and climate, including composition and structure, wind systems and ocean currents, energy transfer, moisture content, weather patterns and predictions.

Global Studies 8: In this course students will be able to understand, discuss and experience learning about the many different geographic features & cultures within World Studies. Students will participate in activities and projects which will include, but are not limited to:

- Using and interpreting maps, graphs, charts, and diagrams
- Studying various geographical land and water physical features
- Exploring regions of the world, specifically: continents, the U.S., Canada, Latin America, Europe, Russia, Africa, Asia, Australia, Oceania, and Antarctica

Advanced Global Studies 8: The content and objectives of this course are the same as Global Studies with the exception of essay questions, a book study, and class wide discussions. The advanced class moves faster in order to dive deeper into subject matter and is more challenging.

Physical Education 8: In PE 8 students will study a variety of motor skills and movement patterns. Students will learn concepts, principles, strategies and tactics related to movement and performance along with the skills necessary to achieve and maintain a health-enhancing level of physical activity and fitness. Responsible personal and social behavior that respects self and others are interwoven into the course. The value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction will be learned. Students will complete a variety of activities including: Team Building, Rugby, LaCrosse, Pickleball, Weight Training, Volleyball, Table Tennis/Table Ball, Spikeball, Cross Country Skiing, Team Handball, Floor Hockey, Yoga/Zumba, Tennis, Softball. Students also complete portions of the FitnessGram fitness test (curl-ups, pull-ups/flexed arm hang, mile, and back-saver sit and reach).

Health 8: This is a year long class that meets every other day. The goal of this class is to inform students about healthy and unhealthy behaviors and how their behaviors can affect the health of others. While practicing health related skills such as decision making, goal setting, and health advocacy students will learn about mental health, nutrition, stress, puberty/sexual health, CPR/First Aid, body systems, and common sports injuries.

8th Grade Electives:

REACH 8 (Year Long-Teacher Recommendation): This is a class that can be utilized for a variety of purposes dependent upon the needs of the student. The main focus is on teaching students to be more successful in school by staying organized, aware, and developing perseverance. This course replaces a yearlong elective or four quarter electives.

The Amazing Art Race! 8 (Quarter Long): Ready . . . Set . . . Go! Put on your Indiana Jones hat and grab a sketchbook! The race is on to travel the globe and experience the many art forms of the ancient and modern world. We begin our travels in Asia, where we will study ancient Chinese art, learn traditional Korean clay techniques, do traditional Gyo-taku fish prints and Sumi Japanese brush painting. After a brief stop in Australia, our journey finally takes us home to America. Here, we will explore the Totems of the Inuit tribes of Alaska, study Native American artwork, and view the glorious memorials and monuments of the United States. Whew! What an adventure! This course incorporates the four strands of DBAE Art Education (Art Production, Art History, Art Theory and Art Criticism). Students will maintain a sketchbook/portfolio as a required component of this course.

AVID Elective 8 (Year Long): (application and interview) AVID is a college readiness course designed to give students the skills to get to and graduate from college. AVID teaches skills for academic success through the use of WICOR, tutorials, Cornell Notes, binder organization, advanced coursework, leadership, personal relationships, and more. Interested students must apply and go through an interview process for acceptance into the class.

Business Workshop 8 (Quarter Long): Here is your chance to DESIGN IT, MAKE IT AND OWN IT! In this workshop (class) you get to experience Marketing (surveys, posters, selling), Design Thinking (take your ideas and turn them into products), Entrepreneurship (take ownership and make decisions), Personal Finance (the value of money and how to make “more” money), Accounting (how to keep track of your finances), and Career Exploration (what opportunities are out there for you)! The “real life” experiences will build a strong foundation for making intelligent, lifelong, personal finance decisions! Daily activities and hands-on experiences will allow you to engage in activities which interest you!

Coding and Robotics 8 (Quarter Long): Do you like robots? Do you like developing solutions to complex real-world problems? Coding and Robotics will offer you the opportunity to work in groups and develop solutions to real-world problems. In this class, you will develop solutions to problems that many of the top automotive manufacturers face when designing a vehicle. To do this, you will build, program/code, test, and evaluate EV3 LEGO Robots. In the last part of this class, you will have the opportunity to use a language-based program that many industries and professionals use in their everyday work.

Concert Band 8 (Year Long): Do you want to learn how to play an instrument and have fun performing music with friends? Then you should join band! 8th Graders who played in band last year will continue to learn new skills on their instrument, and new 8th grade band students will have the opportunity to try a new instrument. Students will learn the fundamentals of proper tone production, breathing, sight-reading, and more! We perform concerts throughout the year and work as a team. See you in Concert Band!

Concert Choir 8 (Year Long): Choir students will sing exciting music that spans decades and musical genres. Be prepared to experience new things with an open mind; in choir, students will discover their own singing voice, and develop skills that will make us better musicians. New students will learn the essentials of healthy vocal production, sight singing, ear training, and music theory skills, and returning choir members will continue to develop their these skills and more! We will learn the importance of team building and creating a fun and safe community everyday. All that is required is a willingness to try new things and an interest in singing! We perform three concerts during the year. Come join us in Concert Choir!

Digital Photography 8 (Quarter Long): This class is for both students who have and have not taken photography in the past. During this course, students will expand on their individual knowledge of Digital Photography. We will use Photography as an expressive and documentary art form through a variety of assignments and prompts. Students will continue to develop their photographic skills, integrating the basic Elements and Principles of Art (such as form, texture, value, line, rhythm, unity) as well as develop a strong concept of composition. Students will create Claymation videos using Stop Motion. We will be utilizing iPads, photo editing apps, MacBooks, Adobe Lightroom, and Photoshop.

Drawing & Painting 8 (Quarter Long): What do the Teenage Mutant Ninja Turtles have to do with Art? Sign up and find out! This more advanced course expands on drawing and painting techniques. Students will: improve their drawing and painting skills; learn a variety of drawing techniques; and use a variety of media including clay, charcoal, tempera, and watercolor. You will also dive into the world of Pop Art and learn about the artists Andy Warhol, Roy Lichtenstein, Jim Dine and the street artist Banksy. You will create a variety of art pieces which are symbolic of Pop Art design and convey a message. We will also study kinetic sculpture and discuss the idea of graffiti as art. This course incorporates the four strands of DBAE Art Education (Art Production, Art History, Art Theory and Art Criticism). Students will maintain a sketchbook/portfolio as a required component of this course.

Foods 8 (Quarter Long): Do you have what it takes to be a top chef? Would you like to travel the world through food? Learn about the types of foods people eat in other areas of the United States and in other countries while having the opportunity to prepare and taste a variety of foods! After practicing your kitchen skills throughout the international foods unit, step up to the plate and participate in class cooking competitions! Will your team win the “Chopped Junior” challenge or class bake-off?

Gateway to Technology 8 (Quarter Long): Students in 8th grade will be spending time doing the following units: Design and Modeling, Science of Technology, and Magic of Electrons where they will be designing and manufacturing a fold-up camping stool and an electronic “bug” toy.

General Music 8 (Quarter Long): In General Music, students will build on their previous musical experiences by exploring a variety of topics related to listening, creating, and appreciating music. During this course, students will study and develop an understanding of basic music theory, song form and structure, music composition, and different musical genres by experiencing and creating music through many different avenues. Come learn about various musical styles, instruments, technology, and more!

Graphic Design 8 (Quarter Long): This class is for both students who have and have not taken Graphic Design in the past. During this course, students will enhance their individual Graphic Design knowledge and ability. We will focus on the use of the Adobe Creative Cloud. Students will develop sports logos, large posters, and digital mixed media projects. Students will utilize Photoshop, InDesign, and Illustrator to create original digital art.

Guitar and Songwriting 8 (Quarter Long): In this class, students will learn how to play the guitar and create original songs. During this course, students will study and develop an understanding of basic music theory, song form and structure, music composition, and different musical genres. This course is designed for both beginning guitar students and those who have had some previous experience. ****Students must also be in band, choir, and/or orchestra to be eligible for this class****

Orchestra 8 (Year Long): In Orchestra, students engage in making music as part of an ensemble by perfecting techniques, learning new skills, working as part of a team and having fun.

World Cultures 8 (Quarter Long): Want to learn about the traditions or way of life of particular groups of people? Do you want an introduction to different Languages? Than World Cultures is for you! In this course you will get an introduction to the people, language, religion, food, music, and holidays in **Russia** and **Asia**.

Faribault Middle School Registration Form

7th and 8th Grade

Please print all information neatly and select answers when given options. If you have any questions about course offerings or placements please see the registration guide or contact the Assistant Principal, Mrs. McDermott.

Student Information	Grade: _____
Student First and Last Name:	
Parent/Guardian First and Last Name:	

Directions:

- Step 1: Choose Option 1, 2, 3, 4, or 5. Designate with an "X".
 Step 2: Carefully complete the directions only for the OPTION you selected.
 Step 3: Complete Parent Signature on the bottom of the page.

Option 1: Yearlong Music and 4 QTR electives

Designate choice with an "X" <input type="checkbox"/> Band <input type="checkbox"/> Choir <input type="checkbox"/> Orchestra	List your elective choices in order of preference with course Number 1.) _____ 2.) _____ 3.) _____ 4.) _____
ALTERNATES (Please list in order of preference): We are usually able to meet the scheduling needs of our students; however, we reserve the right to withdraw, add or replace any classes due to insufficient enrollment or staffing. 1.) _____ 2.) _____ 3.) _____	

Option 2: Yearlong Music: Band/Orchestra/Choir and AVID

Designate Music choice with an "X"	
<input type="checkbox"/> Band	<input checked="" type="checkbox"/> AVID
<input type="checkbox"/> Choir	
<input type="checkbox"/> Orchestra	

Option 3: AVID and 4 QTR electives and 4 QTR electives

 X AVID

List your elective choices in order of preference with course Number

- 1.) _____
- 2.) _____
- 3.) _____
- 4.) _____

ALTERNATES (Please list in order of preference): We are usually able to meet the scheduling needs of our students; however, we reserve the right to withdraw, add or replace any classes due to insufficient enrollment or staffing.

- 1.) _____ 2.) _____
- 3.) _____

Option 4: 8 QTR electives

List your elective choices in order of preference with course Number

- 1.) _____ 5.) _____
- 2.) _____ 6.) _____
- 3.) _____ 7.) _____
- 4.) _____ 8.) _____

ALTERNATES (Please list in order of preference): We are usually able to meet the scheduling needs of our students; however, we reserve the right to withdraw, add or replace any classes due to insufficient enrollment or staffing.

- 1.) _____ 2.) _____
- 3.) _____

Option 5: (For 7th and 8th graders ONLY) Two yearlong music courses

Designate Music choices with an "X"

_____ Band _____ Choir _____ Orchestra

SIGNATURE

As you are reviewing these selections and making decisions with your child, please be aware that we are making a contract together. By making these selections you are agreeing to participate in these classes. We are usually able to meet the scheduling needs of our students, however, we reserve the right to withdraw, add or replace any classes due to insufficient enrollment or staffing.

PARENT/GUARDIAN SIGNATURE

DATE