



2019-2020

Middle School Enrollment

Jefferson Middle School

Last Name First Name M.I.

Student ID #

Required Subjects

Table with columns for required subjects: English, Life/Earth/Physical Science 2, U.S. History, Math 8, Pre-Algebra 8, Algebra 8, Geometry A, Geometry H. Includes checkboxes and course codes.

Elective Options

In addition to the above courses, students must select elective classes for their remaining two hours. Three combinations are possible: 2 full-year courses, 1 full-year course & two semester courses, or 4 semester courses. Place an "X" by the courses you wish to take to meet the elective requirement. In addition, mark at least two additional courses as alternate selections in the event that your first choice cannot be honored. Mark these alternate choices with an "A". (Alternates must be listed. If you do not list alternate selections, two will be assigned for you.)

Full-Year Electives

Semester Electives

- Art 8 AR2200
Band instrument MU2200
Choir MU2210
Orchestra instrument MU2220
Physical Ed PE2200

- Art 8 AR2210
Keyboarding 7/8 BU1210
Business Computer Appl 7/8 BU2200
Life Management 8 LM2200
Physical Education 8 PE2210
Code Wizards 7/8 SI1200
Green Design 7/8 SI1210
Robo Builders 7/8 SI1220

World Language courses are advanced high school level courses. Students will earn high school credit and course grades will appear on a high school transcript but does not count towards GPA.

- German 1 or 1A WL1310 WL1210
German 2 or 2A WL2310 WL2210
Spanish 1A WL1300
Spanish 2A WL2300

By Teacher Recommendation and/or Evaluation Only: Math Lab 8 MA2210 Alternate Study 8 ME2100 Learning Strategies 8 LM1210

Medical Alert

Does your student have any medical condition that the school should know about? If yes, please explain below. YES NO

Student Information

Form with fields for Date of Birth, Male, Female, Address, City, State, Zip, Parent/Guardian, Phone, (W), Email Contact, Parent Signature, Student Signature.

# Eighth Grade Course Descriptions

## Full-Year Electives

**Art 8** - Projects are integrated with core subjects while exploring design, perspective, color theory, sculpture, bronze-casting, drawing, painting, tools, technology, mixed media, and art careers. Art 8 students actively participate in area middle school art shows and contests. Art 8 is titled Beginning Art at the high school level. After a year of Art 8, students are qualified to take Intermediate Art in high school.

**Band 8** - An advanced middle school band experience for students who have completed three years of training. Concerts, music festivals, and skill development are emphasized, with further emphasis on accuracy and mastery of skills. Regular performance opportunities are integral to this class.

**Choir 8** - An advanced middle school choral ensemble. Concerts, music festivals, and developing vocal techniques are the focus of this ensemble, with regular performance opportunities being an integral part.

**Math Lab 8** - This course is taken in addition to the student's regular mathematics class to support those needing additional support with mathematical concepts and skills as they enter the eighth grade (by teacher/parent recommendation).

**Orchestra 8** - An advanced middle school string course for students who have completed three years of training. Concerts, music festivals, and skill development are emphasized, with a focus on accurate pitch and technique. Regular performance opportunities are integral to this class.

**Physical Education 8** - This course will increase sport and fitness development through strategies, teamwork, sportsmanship, health enhancing behaviors, and knowledge of fitness activities.

**World Language 1 – German or Spanish** - These are high school courses, and fulfill the first year of the World Language graduation requirement. Students actively explore culture and build language proficiency in comprehension, speaking, reading, and writing.

**World Language 2 – German or Spanish** - These are high school courses, and fulfill the second year of the World Language graduation requirement. Students build more skill in understanding, speaking, reading, and writing, and emphasis is also placed on the cultures and learning more about the countries and people who speak the language.

## Semester Electives

**Art 8** - Projects are integrated with core subjects while exploring design, perspective, color theory, sculpture, bronze-casting, drawing, painting, tools, technology, mixed media, and art careers. Art 8 students actively participate in area middle school art shows and contests. A full year of Art 8 or Beginning Art along with a teacher recommendation is required as a prerequisite for Intermediate Art at the high school.

**Business Computer Applications 7/8** - Students will learn the basic computer concepts of word processing, database applications, spreadsheet fundamentals, and multimedia.

**Code Wizards 7/8** - How do you create a mobile app? How can you solve real-world problems through software coding? What hardware choices are necessary in today's environment? Students explore these topics through relevant projects and solvable challenges.

**Green Design 7/8** - How do you design and build products that are functional, creative, and environmentally sustainable? How do you think like engineers and architects to solve real world problems? Students will apply eco-friendly ideas in the fields of architecture and construction using the engineering process and 3D design software.

**Keyboarding 7/8** - Students will learn the touch system of keyboarding on computers and the basic formatting of letters, research reports, and tables.

**Learning Strategies 8** - **Students can take this class with teacher recommendation and/or test evaluation.**

Students will learn strategies for improving their reading/writing skills and strategies to promote effective study habits.

**Life Management 8** - Students will learn decision-making, goal-setting, and management skills; how to prepare various foods, examine nutrition and its relationship to physical development, personality, quality of life, diseases and eating disorders; and explore career opportunities in food science and human services, as well as personal, family, and social issues.

**Math Lab 8** - This course is taken in addition to the student's regular mathematics class to support those needing additional support with mathematical concepts and skills as they enter the eighth grade (by teacher/parent recommendation).

**Physical Education 8** - This course will increase sport and fitness development through strategies, teamwork, sportsmanship, health enhancing behaviors, and knowledge of fitness activities.

**Robo Builders 7/8** - Yes, you can design and build robots and so much more! Students learn about automation, mechanical systems, energy transfer, construction, transportation, manufacturing, and computer control systems, as they design and build various projects including traffic lights, robotic arms, and more! Students will have multiple opportunities for hands-on creation in the STEM Shop.