



RICHARDS MIDDLE SCHOOL VIRTUAL COURSE CATALOG

2021-2022

**Grades 7 – 8
Virtual Course Offerings**

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INTRODUCTION

Fraser Public Schools has developed a curriculum that is comprehensive and challenging for our students. Student learning and student success are the focal point for instruction. Our staff continues to refine and improve the curriculum, teaching techniques and learning opportunities for our students.

We understand the need to be flexible and provide families options for learning in an environment that fits their needs. Fraser has two learning environments available for students enrolled in grades 7 – 12.

Face-to-Face Learning Environment: Students are enrolled in our traditional middle and high school programs. All courses are taken in person at Richards Middle School or Fraser High School.

Virtual Learning Environment: Students are enrolled in our fully virtual program. All courses are completed at home via an online setting. Fraser Public School teachers will provide course content and materials through Blackboard and content will be delivered with both synchronous and asynchronous learning opportunities. Learning will be robust and expectations will be identical to our face-to-face school model.

The courses listed in the booklet are offered as fully virtual courses at Richards Middle School. **Student schedules will be driven by course requests; it is not a guarantee that all options will run each year.**

The Counseling Department is available to assist students and parents with the scheduling process. Appointments and/or phone calls may be made to discuss issues or concerns. Do not hesitate to contact the Counseling Department if you need assistance.

Middle School Counseling Department

Counselor	Student last name:
Mike Ermanni 439-7465	A - K
Lynn Zaglaniczny 439-7464	L - Z

7th GRADE CORE COURSES

COURSE TITLE: 0700 LANGUAGE ARTS

PREREQUISITE: 7th Grade Standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: Elements of Literature

DESCRIPTION: Seventh grade English studies a variety of fiction and informational texts using an integrated thematic approach that includes novels, short stories, drama, and informational articles. Deep comprehension, literary elements and techniques, vocabulary development and grammar are stressed. The writing process is utilized to help create summary, short essays, informative, and argumentative pieces.

COURSE TITLE: 2702 MATH 710

PREREQUISITE: 7th Grade standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: Prentice Hall Connected Math 2 (CMP2)

DESCRIPTION: Our Math 7th course will focus on the Eureka Math Curriculum that is aligned to Common Core State Standards that provides a consistent, clear understanding of what students are expected to learn. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our students need for success in college and careers. The big ideas in the 7th Grade Modules are Ratio and proportional relationships (Module 1), Rational numbers (Module 2), Expressions and equations (Module 3), Percent and proportional relationships (Module 4), Statistics and probability (Module 5) and Geometry (Module 6). Blackboard (LMS), module workbooks, lesson problem sets, exit tickets, mid and end of the unit module assessments and khan academy are utilized to meet the learning targets.

COURSE TITLE: 3700 SCIENCE

PREREQUISITE: 7th Grade Standing

LENGTH OF COURSE: Two Semesters

DESCRIPTION: The seventh grade science course is a course that is in the process of being aligned with the common core standards and Michigan grade level content expectations. The course places an emphasis on study in the laboratory where the student is taught to conduct scientific experiments using the scientific method.

COURSE TITLE: 1700 SOCIAL STUDIES

PREREQUISITE: 7th Grade Standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: World Studies

DESCRIPTION: The content of seventh grade social studies focuses on ancient and medieval world history up to 1450. The course approaches concepts from both a historical and geographic point of view. Topics include early hunter-gatherers, the rise of cities and empires, interaction between civilizations, the fall of empires, and the emergence of major world religions. The course aids in the development of skills needed to identify, validate and determine relevance of historical information as well as identify patterns of continuity and change.

7th GRADE ELECTIVE COURSES

COURSE TITLE: 8720 QUEST

PREREQUISITE: 7th Grade standing

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Changes and Challenges

DESCRIPTION: Quest is a one semester required class that focuses on the health and well being of our young people. It strives to help students develop a respect for life, for themselves, and for others. This class develops important life and citizenship skills in young people.

The following seven major themes are covered in this class: understanding changes during adolescence, selfconfidence, managing feelings, friendships and peer pressure, getting along with family, decision making, and drug and AIDS/HIV awareness. The AIDS curriculum will be taught in Quest class. Parents who wish to have their child excluded from this unit of instruction may request so in writing to the principal. A service-learning project will be included in the program. A parent text that correlates with the classroom units will be available upon request.

COURSE TITLE: 4701 GIRLS' PHYSICAL EDUCATION

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Special Equipment Provided

DESCRIPTION: Students in 7th grade physical education will experience numerous team activities during the semester to improve agility, flexibility, strength, and cardiovascular endurance.

All students will have fitness levels assessed using a district-wide Fitness Gram Program. Individual progress will be scored through participation and written formative testing at the conclusion of each major activity. Activities include softball, basketball, volleyball, soccer, flag football and floor hockey.

On a daily basis, students will stretch and do some type of running to improve physical fitness. Appropriate clothing should include shorts or jogging pants, a "T" shirt or top, athletic shoes and socks.

Students will be expected to dress for activity and demonstrate quality participation on a daily basis.

COURSE TITLE: 4700 BOYS' PHYSICAL EDUCATION

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Special Equipment Provided

DESCRIPTION: The 7th grade program is centered around team sports with a major emphasis placed on basic skills. Units in the activities listed below range from two weeks to four weeks. It is expected that each student will gain a basic understanding of physical fitness and its value in everyday life.

Activities included are flag football, slow pitch softball, track and field, basketball, volleyball, co-ed volleyball, team handball, co-ed week, and physical fitness.

In all of the sports that are offered, students will learn the origin and development of the sport, use of equipment, basic rules, techniques and fundamentals, playing strategy, safety, and etiquette of the contest.

COURSE TITLE: 6701 LIFE SKILLS

PREREQUISITE: None

LENGTH OF COURSE: 10 Weeks

TEXTBOOK/MATERIALS: Young Living

DESCRIPTION: This course introduces basic living skills needed by both male and females to succeed in independent living. The course will include the following units of instruction:

Basic Cooking - Students will learn basic food preparation techniques, sanitation and safety skills, measuring, equipment use and etiquette. Students will prepare a variety of simple recipes and nutritious snacks.

Sewing Skills - Students will learn basic hand sewing techniques and use of hand sewing equipment. A simple handsewing project is constructed.

COURSE TITLE: 7700 ART

PREREQUISITE: None

LENGTH OF COURSE: 10 Weeks

TEXTBOOK/MATERIALS: Materials provided

DESCRIPTION: There will be about fifteen graded assignments each card marking. Each project has different approaches to a variety of art ideas and materials. We cover the elements and principles of what characteristics make a good piece of artwork. We do this through drawing, painting, pottery, computers, jewelry making, and a variety of other art mediums. We understand that not all students are “artists” but by doing their best, they are assured a passing grade. Some artwork is used in competitions and shows. Richards' students have successfully entered their work in local, state and national shows. Most students find it gratifying to have their artwork displayed and appreciated by others. Talent needs recognition.

COURSE TITLE: 2710 COMPUTER LITERACY

PREREQUISITE: None

LENGTH OF COURSE: 10 Weeks

TEXTBOOK/MATERIALS: All materials needed for this class can be found on the teacher's Blackboard Course

DESCRIPTION: Students will improve their technology proficiency using 21st century resources in a hands-on and performance-based environment. The National Educational State Standards (NETS) will be covered in the following units: Basic Orientation, Troubleshooting, Cloud Management, SkyDrive Tools, Visual Organizers, and Analyzing Data. These units will prepare the students to communicate, solve problems, evaluate, and create information to improve learning in all subject areas.

8th GRADE CORE COURSES

COURSE TITLE: 0800 LANGUAGE ARTS

PREREQUISITE: 8th Grade Standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: Elements of Literature

DESCRIPTION: 8th grade English studies a variety of fiction and information texts using an integrated thematic approach that includes novels, short stories, poetry, informational articles, and editorials. Critical thinking skills, deep comprehension, literary elements and vocabulary development are stressed. The writing process is utilized to produce narrative, informative and persuasive writing pieces that incorporate content, organization, proper grammar and appropriate writer's craft.

COURSE TITLE: 2802 MATH 8

PREREQUISITE: 8th Grade Standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: Prentice Hall Connected Math Project2 (CMP2)

DESCRIPTION: Our Math 8th course will focus on the Eureka Math Curriculum that is aligned to Common Core State Standards that provides a consistent, clear understanding of what students are expected to learn. The standards are designed to be robust and relevant to the real world, reflecting the knowledge and skills that our students need for success in college and careers. The big ideas in the 8th Grade Modules are Scientific Notation and Exponents (Module 1), Transformations and Angle Relationships (Module 2), Dilations, Similarity and Pythagorean Proof (Module 3), Equation Solving, Slope and Systems (Module 4), Functions and Volume (Module 5), Statistics/probability (Module 6), and Pythagorean Theorem, Square Roots, Applications of Roots and Radicals (Module 7). Blackboard (LMS), module workbooks, lesson problem sets, exit tickets, mid and end of the unit module assessments and Khan Academy are utilized to meet the learning targets.

COURSE TITLE: 2805 ALGEBRA 1

PREREQUISITE: Teacher recommendation, placement test, and 7th grade math grades determine eligibility. (Must have C- or better to remain for second semester.)

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: Envision AGA 2018.

DESCRIPTION: This course will focus on presenting problem-solving as its foundation, and introduce algebraic techniques as the tools of problem-solving. Algebra topics, as mandated by the National Common Core Standards, include fundamental operations, properties of real and complex numbers, factoring, solving and graphing functions (i.e. linear, quadratic, and exponential), inequalities, exponents, and ratio/proportion will be integrated with geometry, trigonometry, probability, statistics and data analysis. Algebraic modeling of meaningful real-world situations will be introduced, and functions will be used as a unifying theme. Technology (scientific and/or graphing calculators and computers) will be utilized. Communicating and reasoning mathematically will be emphasized.

COURSE TITLE: 3820 SCIENCE

PREREQUISITE: 8th Grade Standing

LENGTH OF COURSE: Two Semesters

DESCRIPTION: The 8th grade science course is a course that is in the process of being aligned with the common core standards and Michigan grade level content expectations.

COURSE TITLE: 1800 SOCIAL STUDIES

PREREQUISITE: 8th Grade Standing

LENGTH OF COURSE: Two Semesters

TEXTBOOK/MATERIALS: The American Nation: Beginnings through 1877

DESCRIPTION: The content of 8th grade social studies focuses on information about American history. The course familiarizes students with important events and documents encompassing the Declaration of Independence, the Articles of Confederation, the U.S. Constitution, westward expansion, the Monroe Doctrine, the Industrial Revolution, women's rights, the Indian Removal Act, the abolitionist movement, the Civil War, the Emancipation Proclamation, major Supreme Court decisions, Reconstruction, and the last half of the 19th century. The course aids students in developing an understanding of connections between people, ideas, and events that have shaped present-day America. The course adds to students' skills in finding, interpreting, and evaluating historical information, and promotes growth in appreciation of America and its commitment to democratic values.

8th GRADE ELECTIVE COURSES

COURSE TITLE: 0911 SPANISH 1A (Semester 1 of 2 Semesters)

PREREQUISITE: None

COURSE TITLE: 0912 SPANISH 1B (Semester 2 of 2 semesters)

PREREQUISITE: Successful completion of Spanish 1A

TEXTBOOK/MATERIALS: all materials needed for this class can be found on the teacher's Blackboard Course

DESCRIPTION: A beginning course, which introduces the basic structure of Spanish. Students will study the Spanish language and culture, concentrating on listening, speaking, reading, and writing skills. Cultural studies will include Spanish cuisine, schools, family life, leisure time activities, and geography.

COURSE TITLE: 2830 COMPUTER LITERACY & CAREER EXPLORATION

PREREQUISITE: 8th Grade Standing

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: all materials needed for this class can be found on the teacher's Blackboard Course

DESCRIPTION: This program will guide students through all facets of 21st century technology in a hands-on and performance-based approach. The NETS (National Educational Technology Standards) are the standards and expectations we use to ensure that every student is technology proficient. These standards will be covered in the following units: Cyber-safety, Digital Footprint, Copyright & Plagiarism, Internet Search Strategies, Screencasting, Digital Images, Powerful Presentations, Social Networks, Mobile Computing, Career Exploration and Internet Buying & Selling.

COURSE TITLE: 2831 CODING & CAREER EXPLORATION

PREREQUISITE: C- in mathematics OR a teacher recommendation

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: iPad with "Swift Playgrounds" App.

DESCRIPTION: In this one semester course, students will explore the fundamentals of Swift, the programming language used to create apps for Apple products. By solving puzzles in a dynamic 3D puzzle world, students will develop a set of coding skills to build up their basic programming vocabulary. Their coding journey begins with simple commands, functions, and loops. From the start, students will write actual Swift code – the same code used by real programmers. Students will also complete a Career Explorations unit and their personalized Educational Development Plan (EDP).

COURSE TITLE: 6800 LIFE SKILLS

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Today's Teen

DESCRIPTION: The content of this course is based on living skills needed by both males and females with emphasis on nutrition, cooking skills, and sewing. The units of instruction include:

Foods and Nutrition – Students will learn food preparation with emphasis placed on nutritional eating habits, sanitation and safety skills, table setting and etiquette. An international lesson is also included in this unit with emphasis on foods prepared from around the world.

Clothing Construction – This unit will begin with a history of fashion and the current trends. The student will learn clothing care techniques, as well as basic machine and hand sewing techniques. Each student will prepare a simple sewing project.

COURSE TITLE: 7800 ART

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Materials Provided

DESCRIPTION: 8th grade art will be an expansion of the 7th grade program. There will be about ten to fifteen graded assignments each card marking. We try to take each project and idea a little bit further than we do in seventh grade. New mediums and concepts are introduced, such as weaving, pointillism, pen and ink, paper mache, and the history of art. We understand that not all students are “artists” or want to become professional artists, but by doing their best and completing their assignments, they are assured a passing grade. Some artwork is used in competitions and shows. Richards eighth grade students have had a successful track record in entering their art work in local, state, and national shows. Most students find it gratifying to have their artwork displayed and appreciated by others.

COURSE TITLE: 4801 GIRLS’ PHYSICAL EDUCATION

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Special Equipment Provided

DESCRIPTION: Students in 8th grade Physical Education will experience numerous team activities during the semester to improve agility, flexibility, strength, and cardiovascular endurance.

All students will take national physical fitness tests at the beginning and end of the semester. Individual progress will be noted through participation and testing. Activities include softball, rugby, floor hockey, gymnastics, co-ed week, volleyball, and basketball.

On a daily basis, students will stretch and do some type of running to improve physical fitness. Appropriate clothing should include shorts or jogging pants, a "T" shirt or top, athletic shoes and socks. Students will be expected to dress for activity and demonstrate quality participation on a daily basis.

COURSE TITLE: 4800 BOYS’ PHYSICAL EDUCATION

PREREQUISITE: None

LENGTH OF COURSE: One Semester

TEXTBOOK/MATERIALS: Special Equipment Provided

DESCRIPTION: The 8th grade program is centered around team sports with emphasis placed on intermediate skills within each sport. Some lifetime sports (individual sports) will also be introduced at this level. Units in these activities will range from one week to four weeks in length.

Activities included are softball, baseball, flag football, track and field, basketball, volleyball, co-ed volleyball, American ball, co-ed week, combative, badminton, and physical fitness testing. Students will also learn the origin and development of each sport, use of equipment, basic rules, techniques and fundamentals, strategy, safety and courtesies of the contest.

SPECIAL EDUCATION COURSES

Richards Middle School IEP team will work collaboratively with families to develop an appropriate course schedule as needed.