

# Fort Recovery Middle School Registration Guide and Course Descriptions



2022-2023

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## FRMS Course Offerings 2022-2023

- All course terms are full-year (unless noted otherwise)
- Course offerings are subject to change

\* Indicates a course that is offered as a semester or year-long class.

### 6<sup>th</sup> grade

#### CORE COURSES

<u>Code</u>	<u>Course Title</u>
61	LA (2 PERIODS)
62	GEOGRAPHY & WORLD HISTORY
63	SCIENCE
64	MATH

#### ENRICHMENT COURSES

<u>Code</u>	<u>Course Title</u>
160	LEAP (GIFTED)
161	LA QUEST
164	MATH QUEST
166	RESOURCE ROOM (IEP ONLY)

#### GRADE LEVEL ROTATION

<u>Code</u>	<u>Course Title</u>
59	STEM 1 (9 WEEKS)
60	INTRO TO R-FACTOR (9 WEEKS)
65	PE (9 WEEKS)
69	TECHNOLOGY (9 WEEKS)

#### ELECTIVE COURSES

<u>Code</u>	<u>Course Title</u>
66	BAND
67	MUSIC (SEMESTER)
68	BUILDING BLOCKS OF ART (SEMESTER)
*SH	STUDY HALL
*TA	TEACHER AIDE
*OA	OFFICE AIDE
*CA	CAFETERIA AIDE

### 7<sup>th</sup> grade

#### CORE COURSES

<u>Code</u>	<u>Course Title</u>
71	LA (2 PERIODS)
72	WORLD HISTORY
73	SCIENCE
74	MATH

#### ELECTIVE COURSES

<u>Code</u>	<u>Course Title</u>
75	PE (SEMESTER)
76	STEAM
79	TECHNOLOGY (SEMESTER)
80	MIDDLE SCHOOL CHOIR
86	MIDDLE SCHOOL BAND
*SH	STUDY HALL
*TA	TEACHER AIDE
*OA	OFFICE AIDE
*CA	CAFETERIA AIDE

#### ENRICHMENT COURSES

<u>Code</u>	<u>Course Title</u>
170	LEAP (GIFTED)
171	LA QUEST
174	MATH QUEST
176	RESOURCE ROOM (IEP ONLY)

### 8<sup>th</sup> grade

#### CORE COURSES

<u>Code</u>	<u>Course Title</u>
81	LA (2 PERIODS)
82	US HISTORY
83	SCIENCE <i>*HS credit</i>
84	ALGEBRA 1A <i>*HS credit</i>
94	ALGEBRA 1 <i>*HS credit</i>

#### ENRICHMENT COURSES

<u>Code</u>	<u>Course Title</u>
181	LA QUEST
184	MATH QUEST
186	RESOURCE ROOM (IEP ONLY)

#### GRADE LEVEL ROTATION

<u>Code</u>	<u>Course Title</u>
88	R-FACTOR LEADERSHIP (9 WEEKS)
95	PE (SEMESTER) <i>*HS Credit</i>
96	INTRO TO AGRICULTURE (9 WEEKS)

#### ELECTIVE COURSES

<u>Code</u>	<u>Course Title</u>
80	MIDDLE SCHOOL CHOIR
86	MIDDLE SCHOOL BAND
87	TECHNOLOGY (SEMESTER)
89	VISUAL LITERACY (SEMESTER)
180	LEAP AHEAD (GIFTED ONLY)
*SH	STUDY HALL
*TA	TEACHER AIDE
*OA	OFFICE AIDE
*CA	CAFETERIA AIDE

## CORE COURSES

**61 - Language Arts 6:** In this class, select novels, textbook collections of short stories, informational articles, poetry, and library books are used to teach reading comprehension. Basic strategies taught include the following: citing evidence, studying the unfolding of a plot, theme, central idea, point of view, and comparing and contrasting different selections. Vocabulary and various forms of figurative language are also studied to increase word building. Grammar, especially pronouns, as well as narrative, informational, and argumentative writing are also core focus areas for this course.

**62 - Geography & World History 6:** This course begins with a study of what categorizes the various types of regions in our world. Students learn how to use latitude and longitude coordinates to find absolute locations as well as learn the conventions of reading and using time lines. Basic economic concepts of supply and demand, global interdependence, and competition are reviewed. The characteristics of ancient civilizations are studied along with their impact on the Eastern Hemisphere and the rest of the world. The civilizations studied include: Mesopotamia, Egypt, India, and China. The basic government types and five major world religions are covered as well.

**63 - Science 6:** This integrated science course will include topics relating to Earth, Life, and Physical science. Students will investigate various types of rocks, minerals, and soil which make up the lithosphere. Classifying and identifying different types of rocks, minerals, and soil can decode the past environment in which they formed. In the sixth grade, the Life science emphasis is on the study of the basics of Modern Cell Theory. All organisms are composed of cells, which are the fundamental unit of life. Cells carry on the many processes that sustain life. All cells come from pre-existing cells. Finally, in Physical science, the focus will be on the basics of matter and change of state as well as the empirical evidence for the arrangement of atoms on the Periodic Table of Elements and the conservation of mass. Students will also participate in Science Fair.

**64 - Mathematics 6:** This course is a collection of many general math topics. The topics include numerical expressions and factors, fractions and decimals, algebraic expressions and properties, areas of polygons, ratios and rates, integers and the coordinate plane, equations and inequalities, surface area and volume, statistical measures, and data displays.

**71- Language Arts 7:** In this class, select novels, textbook collections of short stories, informational articles, poetry, and library books are used to teach reading comprehension. Basic strategies taught include the following: citing evidence, studying the unfolding of a plot, theme, central idea, point of view, and comparing and contrasting different selections. Vocabulary and various forms of figurative language are also studied to increase word building. Grammar, especially compound and complex sentences, as well as narrative, informational, and argumentative writing are also core focus areas for this course.

**72 - World History 7:** This course deals with ancient civilizations and how they impact the development of the United States. Places such as Ancient Rome, Ancient Greece, Ancient West Africa, and Ancient China, as well as time periods that impacted the United States such as Feudalism, Reformation, Renaissance, and the Enlightenment will be studied. The class covers people and ideas that helped set the stage for various regions of the world but especially us as Americans.

**73 - Science 7:** This integrated science course will include topics relating to Earth/Space, Life, and Physical Science. Students will become immersed in the cycles and patterns of Earth and the Moon. Students will focus on Earth's hydrologic cycle, patterns that exist in atmospheric and oceanic currents, the relationship between thermal energy and the currents, and the relative position and movement of the Earth, sun and moon. Within the Life science unit the emphasis will be on the impact of matter and energy transfer within the biotic component of ecosystems, including food chains, biodiversity, and succession. Finally, in Physical science students will engage in the topic of conservation of mass and energy, transformation and transfer of energy, as well as electricity and waves. Students will participate in Science Fair.

**74 - Mathematics 7:** Focuses on five critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, angles, and working with two- and three- dimensional shapes to solve problems involving area, surface area and volume; (4) drawing inferences about populations based on samples; (5) investigating chance.

**81 - Language Arts 8:** Language Arts 8 places an emphasis on academic writing, reading, and speaking. Students will write a variety of informative, argumentative, and narrative essays to hone written expression. Grammar, especially sentence variety, will be taught in conjunction to writing to further strengthen skills. Students will read both fiction and nonfiction in a variety of contexts such as novels, short stories, news articles, and poetry. Students will give a variety of formal and informal presentations. Lastly, vocabulary is heavily emphasized both as a way for students to strengthen their written and verbal expression skills as well as to help better comprehend increasingly difficult literature.

**82 - US History 8:** This course covers American History from the discovery of America through the Reconstruction time period. Topics include: discovery of America, American Revolution, writing of the Constitution, creating a new nation, manifest destiny, social reforms, civil war, and the reconstruction of America. The course analyzes historical documents that were created in order to shape our development as a country as well as people who had an impact on our nation.

**83 - Science 8:** This integrated science course will include topics relating to Earth, Life, and Physical science. Students will study the physical features of Earth and how they formed. This includes the interior of Earth, the rock record, plate tectonics and landforms. In Life science the focus will be on the continuation of species including inherited traits passed through generations due to successful reproduction. Species diversity and variations traced through evolution and in some cases extinction will also be studied. Finally, in Physical science students will engage in the topic of forces and motion within, on and around the Earth and within the universe. *Students will receive 1 HS credit for successful completion of this course.*

**84 - Algebra 1A:** This course focuses on three critical areas: (1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (2) grasping the concept of a function and using functions to describe quantitative relationships; (3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem. Algebra 1A includes solving inequalities, graphing linear inequalities in two variables, graphing and writing equations in slope-intercept form, standard form and point-slope form. *Students will receive 1 HS credit for successful completion of this course.*

**94 - Algebra 1:** A traditional study of the structure of algebra and incorporates the contents of both courses Algebra 1A and Algebra 1B. Topics in Algebra 1 include solving linear and absolute value equations, solving linear and absolute value inequalities, graphing and writing linear functions, solving systems of linear equations as well as systems of linear inequalities, exponential functions and sequences, polynomial equations and factoring, and graphing quadratic equations. *Students will receive 1 HS credit for successful completion of this course.* 7<sup>th</sup> grade Math teacher recommendation is required.

## GRADE LEVEL ROTATIONS

**59 - STEM1:** Focuses on integrating science, technology, engineering and mathematics. This is a 9 weeks course that allows students to foster a learning environment in which students are guided to use math and technology to produce original ideas, objects and structures according to certain specifications using concepts and skills from science.

**60 - Intro to R-factor:** Students will learn about, discuss, and practice the 6 r-factor disciplines which are press pause, get your mind right, step up, adjust and adapt, make a difference, and build skill. They will watch videos, play games, do team-building activities, make skits, and start to develop a new skill to reinforce the disciplines. Students will also participate in DARE and discuss good decision making.

**65 - Physical Education 6:** This is a semester class. Students in this course will participate in team sports, learning the skills necessary for each sport. Those sports will include flag football, volleyball, basketball, wiffle-ball, badminton, jump roping and fitness assessments.

**69 - Technology 6:** This is offered as a nine weeks class. This class focuses on three main concepts: internet safety, keyboarding, and the Corel Draw program. Students will learn about navigating and staying safe in our digital world, learn and practice touch typing, and work on the graphic design program Corel Draw to create digital media.

**88 - R-Factor Leadership:** The focus of this course is defining what leadership is and analyzing different leadership qualities. Students will participate in various activities including discussions, simulations, and listening to high school student presentations as well as other local leaders during class. This class will examine how the 6 R-Factor disciplines are connected with leadership qualities.

**95 - Physical Education:** This is a semester class. It meets requirements for a portion of a HS credit (.25). The emphasis is on team activities and fitness.

**96 - Introduction to Agriculture** - Students will be introduced to the career field of agriculture. They will examine principles of animal science, plant science, food science, natural resources, soil science and wildlife. Students will examine the FFA organization and develop communication, leadership and business skills.

## ENRICHMENT COURSES

**160/170 - LEAP (Learning Enrichment Activities Program):** An academic program for students who have met the Fort Recovery Local Schools qualifying criteria for gifted and talented educational services. The course is designed to be a support system that addresses the academic, emotional and social needs of the gifted. It is also designed to be a student-centered environment that challenges students to fully develop their abilities. Extended challenges, enriching experiences that emphasize higher-order thinking skills (such as problem solving, divergent and critical thinking, and logic), and modifications to curriculum are offered.

**161/171/181 - LA Quest:** This is a supplemental course that offers students additional instruction in Language Arts. There is a focus on improving vocabulary, comprehension, and writing skills using a variety of sources and materials. It will also allow students a chance to review current and previous Language Arts topics in a structured, small group setting. Students will receive a Pass/Fail grade for this class. *This course requires teacher recommendation.*

**164/174/184 - Math Quest:** This course is designed to supplement mathematics for those students who may need additional instruction in the subject. This course will locate any learning gaps in the students' mathematics education up to this point and work to decrease those gaps. It will also allow students a chance to review current and previous mathematics topics in a structured, small group setting. Students receive a Pass/Fail grade for this class. *This course requires teacher recommendation.*

**166/176/186 - Resource Room:** This course will focus on providing interventions to enhance student achievement and success. *Students must be on an IEP or 504 plan to register for this class.*

## ELECTIVE COURSES

**66 - Band 6:** This is offered as a year-long class. Students will perform various styles of music using musical instruments. The focus of the band is a positive musical performance with a balance of high expectations and fun. Students will be evaluated on performance, preparation, attitude, and attendance. This course requires previous band experience (ex. 5<sup>th</sup> grade band) or director permission.

**67 - Music 6:** In this semester course, students will expand their knowledge of musical concepts such as notes, rhythms, instruments, and form through singing, dancing, and creating projects. They will also learn about significant artists and dates in the time period of music. The focus of the sixth grade music class is intended to be a positive musical experience with a balance of high expectations and fun.

**68 - The Building Blocks of Art:** Through hands-on experience, and application of concepts, students will learn about the Elements of Art by studying art history and culture.

**75 - Physical Education 7:** This is a semester class. Students participate in flag football, volleyball, basketball, wiffle-ball, badminton, jump roping and fitness assessments. Students are given more independence in creating their own warm-ups, practice drills, and running their own teams.

**76 - S.T.E.A.M.:** is an educational approach that integrates Science, Technology, Engineering, the Arts, and Math in the classroom through a creative process that includes inquiry and investigation. STEAM empowers students to use 21st century skills when communicating and collaborating with their peers while working on real-world challenges.

**79 - Technology 7:** This is offered as a semester course. Students will learn how to use different computer programs such as Microsoft programs, G Suite for Education, Smartboard, and mimio software, as well as other online programs. Student will use what they have learned about these programs to create useful projects for the school and community. Students who sign up for this class should have an interest in learning to use different technology programs and should be creative.

**80 - Middle School Choir:** This is offered as a year-long course. Students will apply the fundamentals of music through the art of singing. Students will learn how to read music, sight-read, harmonize and perform. There are 3-4 major performances every year. Students will be evaluated on several aspects: performance, preparation, attitude and attendance. The focus of the choir program is intended to be a positive musical experience with a balance of high expectations and fun. No prior choral experience is required (ex. 8<sup>th</sup> graders can sign up even if they did not participate in the 7<sup>th</sup> grade).

**86 - Middle School Band:** This is offered as a year-long class. Students will perform various styles of music using musical instruments. The focus of the band is a positive musical performance with a balance of high expectations and fun. Students will be evaluated on performance, preparation, attitude, and attendance. This course requires previous band experience (ex. 6<sup>th</sup> grade band) or director permission.

**87 - Technology 8:** This is a semester course. The class will cover video editing (announcements, commercials, etc), Google Sketchup (computer-aided drafting), Programming (using online resources and Lego Mindstorm EV3 robotics), Corel Draw & Versa laser projects, and computer applications. Students who take this class need to be creative, hardworking, and able to solve problems independently and in small groups.

**89 - Visual Literacy:** This is a semester art course. This course will offer students several art experiences not limited to drawing and painting. Students will explore a variety of media: printmaking, weaving, ceramics and jewelry making while also learning about art history, aesthetics, vocabulary, and art criticism.

**180 - LEAP Ahead:** An elective course for 8<sup>th</sup> grade students who have met the Fort Recovery Local Schools qualifying criteria for gifted and talented educational services. The course is designed to be a

support system that addresses the academic, emotional and social needs of the gifted. It is also designed to be a student-centered environment that challenges students to fully develop their abilities. Extended challenges, enriching experiences that emphasize higher-order thinking skills (such as problem solving, divergent and critical thinking, and logic), and modifications to curriculum are offered.

**SH - Study Hall:** This can be taken as a semester or year-long class. Study Hall gives students a structured, scheduled academic environment to complete assignments and access school resources. Students are assigned to an instructor for the class period and required to adhere to behavioral and academic expectations.

**OA - Elementary/Middle School Office Aide:** Students will get practical experience in basic office practices: taking and delivering messages, copying papers, and recording attendance. Students are expected to be regular in attendance and dependable in carrying out tasks. Only two people per class period will be selected for this course. Students will be required to maintain a good standing academically and behaviorally. **This course requires approval from Mrs. Hartings or Mrs. Overman.**

**CA - Cafeteria Aide:** Students will perform duties such as sweeping, moving tables, and clean-up. Cafeteria aides are needed during 6<sup>th</sup> period. The student will receive a free lunch and snack each day. Students will be required to maintain a good standing academically and behaviorally. **This course requires approval of cafeteria staff.**

**TA - Teacher Aide:** Students will assist a teacher at the elementary or middle school. Duties performed may include: copying, cutting materials, decorating bulletin boards, filing, and tutoring. Students will be required to maintain a good standing academically and behaviorally. **This course requires teacher approval.**