

2021-2022 GRADE SEVEN COURSE DESCRIPTIONS

1001040 Language Arts 2 The purpose of this course is to provide and promote academic excellence in reading, writing, and oral communication to include critical and analytical thinking skills.

1001050 Language Arts 2 Advanced The purpose of this course is to provide and promote academic excellence in reading, writing, and oral communication to include critical and analytical thinking skills. The pacing is accelerated with an increase in rigor to include additional reading and writing requirements.

MJLEF02 Gifted Language Arts 2 The purpose of this course is to provide and promote academic excellence in reading, writing, and oral communication to include critical and analytical thinking skills. The pacing is accelerated with an increase in rigor to include additional reading and writing requirements. Gifted students will complete a required research project in the form of a paper and an oral presentation.

1205040 Grade 7 Mathematics The purpose of this course is to continue developing the skills of arithmetic and to continue developing mathematical content fundamental for higher-level course work. The content should include, but not be limited to, whole numbers, fractions, decimals, percent, integers, estimation and approximation, theory, ratio and proportion, measurement, geometry, probability, statistics, graphing, algebra, problem solving, and knowledge of the use of calculators and computers.

1205050 Grade 7 Mathematics Advanced The purpose of this course is to extend the traditional 7th grade curriculum through horizontal enrichment and vertical acceleration, addressing appropriate skills from the middle grades standards of excellence. Content will include rational numbers, estimation, problem solving strategies, number theory, ratio, proportion, percent measurement, geometry, probability, statistics, algebra, graphing and knowledge of the use of calculators and computers.

1205070 Grade Pre-Algebra The purpose of this course is to extend the traditional 8th grade curriculum through horizontal enrichment and vertical acceleration, leading to mastery of appropriate skills from the middle grades standards of excellence. The content should include, but not be limited to real numbers, probability, statistics, geometry, algebra, graphing, numeration systems, consumer-related applications, problem solving, and knowledge of the use of calculators and computers

1200320Z Algebra 1 Honors This is a weighted high school credit course and the purpose of this course is to provide the foundation for more advanced mathematics courses, and to develop the algebraic concepts and processes that can be used to solve a variety of real world mathematical problems.

2000010 Life Science The emphasis of this course provides the opportunity to study the following: organization and development of living organisms, the diversity and evolution of living organisms, heredity and reproduction, interdependence, and matter and energy transformations.

2000020 Life Science Advanced The emphasis of this course provides the opportunity to study the following: organization and development of living organisms, the diversity and evolution of living organisms, heredity and reproduction, interdependence, and matter and energy transformations. The course will include advanced reading and vocabulary, and select projects throughout the year which may include technology.

2106010 Civics The purpose of this course is to enable students to understand the operation of the American government and the responsibilities of public life so that they become responsible citizens.

2106020 Civics Advanced The purpose of this course is to enable students to understand the operation of the American government and the responsibilities of public life so that they become responsible citizens. Students will be required to participate in higher order learning strategies and activities.

1508060 MJ Comprehensive Physical Education Students will participate in team sports, fitness challenges, and cooperative games. Students are required to dress out in workout clothing and tennis shoes. A \$20.00 Physical Education donation will be accepted at the beginning of the school year.

1508020 Team Sports Physical Fitness The purpose of this course is to enable students to improve physical fitness through participation in specific exercises designed to improve performance in games, sports, gymnastics, dance, and individual and developmental activities and to evaluate physical activities in terms of fitness values. A \$20.00 Physical Education donation will be accepted at the beginning of the school year.

0101005 M/J Exploring Two-Dimensional Art (1st Sem.) Students use a variety of media and techniques to create 2-d works, which include drawing, painting, and collage. This course incorporates hands-on activities and consumption of art materials.

0101035 M/J Exploring Three-Dimensional Art (2nd Sem.) Students learn to translate what they learned in 2-d art into 3-d forms using materials that include paper mache and found objects among other things. This course incorporates hands-on activities and consumption of art materials.

9009200 Coding Fundamentals What's behind the screen? Learn computer coding software, programming languages, gain knowledge skills & application techniques for operating systems & programming. Finish out the class programming with a circuit playground. Students will have an opportunity to earn a Digital Tools Certificate.

9009500 Fundamentals of Web and Software Development Gain proficiency navigating the internet. Learn and Master HTML and CSS commands. Explore Web page design through coding projects. Students will have an opportunity to earn the MTA Intro to Programming Using HTML & CSS industry certification. Class serves as a prerequisite for 9001110: Foundations of Web Design.

0103000 Digital Art and Design 1 Students explore the fundamental concepts, terminology, techniques, and programs/applications of digital photography to create original work. This class includes learning how to better understand their work through peer/self-evaluations and critiques.

1302090 MJ Band The purpose of this course is to provide students with opportunities to develop musicianship skills in band and instrumental ensembles. The content allows students to develop fundamental skills in characteristic tone production, band performance techniques, musical literacy, and music appreciation. There is one required concert in the fall semester, and one to two concerts in the spring. Some before school rehearsals may be required.

1303010 MJ Chorus The purpose of this course is to provide students with experience in basic vocal production techniques and part singing. Content enables student basic fundamental skills in vocal tone production, choral performance techniques, musical literacy, and music appreciation. Three required performances. Some before school rehearsals may be required.

0708000 Spanish This course will focus on preparing students for Spanish at the high school level. Students will learn basic vocabulary and grammar in addition to exploring the cultures of Spanish speaking countries.

0705000 – Beginning Italian - Beginning Italian introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture, connections, comparisons, and communities are included in this one year course.

0705010 Intermediate Italian This course introduces students to the target language and its culture. Students will learn beginning skills in listening and speaking and an introduction to basic skills in reading and writing. Also, culture connections, comparisons, and communities are included in this one-year course.

1000010 Intensive Reading This course is required for students scoring a Level 1 on FSA ELA. It is recommended for students scoring a lower Level 2 on FSA ELA.

9009350 Exploring Technology/STEMM (FSA Math Level 5) The Exploring Technology course gives students an opportunity to explore the area of production technology with a focus on robotics. Students will solve technological problems using a variety of tools, materials, processes and systems while gaining an understanding of the effects of production technology on our everyday lives. Using the engineering design process, students will work in pairs and small teams to have their robots complete various tasks. In addition, students will learn basic programming concepts through the Lego EV3 robotics platform. This course is good preparation for students interested in robotics or engineering.

1400000 COMPASS COMPASS helps students set a course to navigate middle school and community life. This class will explore critical decision making, ethics, leadership, values, person-management, interpersonal skills using images, class discussion, case studies, student journals, video clips, classroom activities, individual and group projects, and community service. Required: 3 hours service outside of class time per semester.