

SDUHSD
MIDDLE SCHOOL COURSE DESCRIPTIONS
EWMS 2017-2018

REQUIRED COURSES - 7TH GRADE:

ENGLISH, MATHEMATICS, PHYSICAL EDUCATION, WORLD HISTORY/GEOGRAPHY AND 7th GRADE SCIENCE.

REQUIRED COURSES – 8TH GRADE:

ENGLISH, MATHEMATICS, UNITED STATES HISTORY, PHYSICAL EDUCATION AND 8th GRADE SCIENCE.

ENGLISH

ENGLISH 7

Grade Level: 7

A year-long course organized around the theme of “A Quest for Identity”, students will read a central core of literature including The Giver by Lois Lowry, selections from Literature and Language Arts First Course (Holt Rinehart Winston), and A Midsummer Night’s Dream by William Shakespeare. Students will read and analyze fiction and nonfiction to discover meaning; they use and improve writing, listening, speaking, and thinking skills to ensure understanding, application, and appreciation. Writing types are standards-based and focus on responding to literature, persuasive essays, personal and fictional narratives, summaries, and research papers.

ENGLISH 7 HONORS

Grade Level: 7

This course uses the English 7 core curriculum but is designed for the student who loves the challenges of complex, critical-thinking opportunities; can achieve this without assistance and often takes ideas to a higher level; thrives on non-routine strategies. Masters concepts quickly; requires faster-paced, rigorous curriculum. Additional higher-level literature selections are read and analyzed, and the writing assignments reflect greater depth, complexity, and independence.

ENGLISH 8

Grade Level: 8

In a year-long course organized around the theme of “A Search for Justice,” students will read from a central core of literature including “Flowers for Algernon” by Daniel Keyes, fiction and nonfiction selections from Literature and Language Arts Second Course (Holt Rinehart Winston), “I Have a Dream” by Martin Luther King, The Diary of Anne Frank by Anne Frank, and To Kill a Mockingbird by Harper Lee. Students will read and analyze fiction and nonfiction to discover meaning; they use and improve writing, listening, speaking and thinking skills to ensure understanding, application, and appreciation. Writing types are standards-based and focus on responding to literature, persuasive essays, biographical and fictional narratives, research reports, and business, career and technical writing.

ENGLISH 8 HONORS

Grade Level: 8

This course uses the English 8 core curriculum but is designed for the student who loves the challenge of complex, critical-thinking opportunities; can achieve this without assistance and often takes ideas to a higher level; thrives on non-routine strategies. Masters concepts quickly; requires faster-paced, rigorous curriculum. Additional higher-level literature selections are read and analyzed, and the writing assignments reflect greater depth, complexity, and independence.

ENGLISH - SPECIAL EDUCATION

ENGLISH Grade 7

English 7 Fundamentals

ENGLISH Grade 8

English 8 Fundamentals

MATHEMATICS

INTEGRATED MATH A READINESS

Grade Level: 7

This course is for students who have had exposure to, but have not mastered the following 6th grade topics: connecting ratio and rate to whole number multiplication and division; using concepts of ratio and rate to solve problems; operations with positive and negative rational numbers; writing, interpreting, and using expressions, equations, and inequalities; statistical thinking representing and analyzing quantitative relationships between dependent and independent; developing an understanding of statistical variability; describing distributions; finding common factors and multiple; solve real-world problems involving area, surface area, and volume. This course is a remediation-focused course which will have an individualized remediation component, as well as cover essential Math A standards. Essential Math A standards will include: analyzing proportional relationships; drawing, constructing and describing geometrical figures; finding angle measure, area, surface area, and volume, evaluating probability models. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students successful in this course will be enrolled in either Integrated Math A or B as their next math course.

INTEGRATED MATH A

Grade Level: 7

In Integrated Math A, students will develop an understanding of and applying proportional relationships; operations with rational numbers; expressions and linear equations; problems involving scale drawings and informal geometric constructions; problems involving area, surface area and volume of two and three dimensional shapes; random sampling to generate data sets and learn the importance of representative samples for drawing inferences. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students successful in this course will be enrolled in Integrated Math B or Integrated Math B Honors as their next math course.

INTEGRATED MATH A HONORS

Grade Level: 7

Integrated Math A Honors is a challenging course designed for students who excel in and are passionate about math. Students in this course easily grasp higher level concepts and embrace rigorous curriculum. In Integrated Math A Honors, students will develop an understanding of and applying proportional relationships; operations with rational numbers; expressions and linear equations; problems involving scale drawings and informal geometric constructions; problems involving area, surface area and volume of two and three dimensional shapes; random sampling to generate data sets and learn the importance of representative samples for drawing inferences. Students in this course will extend their learning of the standards with greater depth and rigor. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students successful in this course will be enrolled in Integrated Math B Honors as their next math course.

Not all courses are available at all sites each semester/year.

INTEGRATED MATH B READINESS**Grade Level: 8**

This course is for students who have had exposure to, but have not mastered the following 7th grade topics: analyzing proportional relationships; drawing, constructing and describing geometrical figures; finding angle measure, area, surface area, and volume, evaluating probability models. This course is a remediation-focused course which will have an individualized remediation component, as well as covering essential Math B standards. Essential Math B standards will include: working with radicals and integer exponents; understanding the connection between proportional relationships, lines, and linear equations; solving linear equations and systems of linear equations; using functions to model relationships between quantities; understanding congruence and similarity; applying the Pythagorean Theorem; investigate patterns of association in bivariate data. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students successful in this course will be enrolled in Integrated Math 1 Readiness as their next math course.

INTEGRATED MATH B**Grade Level: 8**

In Integrated Math B, students will develop an understanding of formulating and reasoning about expressions and equations; modeling an association in bivariate data with linear equations; solving linear equations; solving systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; analyzing two- and three-dimensional figures using distance, angle, similarity, and congruence; understanding and applying the Pythagorean Theorem. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students successful in this course will be enrolled in Integrated Math 1 or Integrated Math 1 Honors as their next math course.

INTEGRATED MATH B HONORS**Grade Level: 7 & 8**

Integrated Math B Honors is a challenging course designed for students who excel in and are passionate about math. Students in this course easily grasp higher level concepts and embrace rigorous curriculum. In Integrated Math B Honors, students will develop an understanding of formulating and reasoning about expressions and equations; modeling an association in bivariate data with linear equations; solving linear equations; solving systems of linear equations; grasping the concept of a function and using functions to describe quantitative relationships; analyzing two- and three-dimensional figures using distance, angle, similarity, and congruence; understanding and applying the Pythagorean Theorem. Students in this course will extend their learning of the standards with greater depth and rigor. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, math fluency and application. Students successful in this course will be enrolled in Integrated Math 1 Honors/Accelerated as their next math course.

INTEGRATED MATH 1 HONORS/ACCELERATED (P)**Grade Level: 8**

Integrated Math 1 Honors/Accelerated is a challenging course designed for students who excel in and are passionate about math. Students in this course easily grasp higher level concepts and embrace rigorous curriculum. Integrated Math 1 Honors/Accelerated is the first course of a three year college preparatory integrated math sequence that also includes Pre-Calculus. This course meets the minimum graduation requirement for the state of California, is UC/CSU approved, and follows the Integrated Pathway in the Common Core State Standards. Integrated Math 1 Honors/Accelerated will

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explore in greater depth and rigor the standards of Integrated Math 1 as well as additional Pre-Calculus topics. Students will extend understanding of numerical manipulation to algebraic manipulation; synthesize understanding of function; deepen and extend understanding of linear relationships; apply linear models to data that exhibit a linear trend; establish criteria for congruence based on rigid motions; and apply the Pythagorean Theorem to the coordinate plane; represent and model with vectors and perform operations on vectors; perform operations on matrices and use matrices in applications. Students will be expected to work collaboratively, individually and demonstrate their learning through the Standards of Mathematical Practice. Students will be exposed to rich instruction that develops their conceptual understanding, procedural skill, problem solving skills, critical thinking abilities, and strengthen situational analysis abilities. Students successful in this course will be enrolled in Integrated Math 2 Honors/Accelerated as their next math course.

MATH - SPECIAL EDUCATION

MATH Grade 7
Math 7 Fundamentals

MATH Grade 8
Math 8 Fundamentals

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Grade Level: 7 & 8

This course is designed to be part of a continuous process to meet the following goals of physical education: physical activity, physical fitness, wellness, movement skills and knowledge; social development and interaction; self-image and self-realization and individual excellence.

SURF PE

Grade Level: 7 & 8

(Provide own transportation. Carpooling must be arranged by parents).

Prerequisite:

- Pass a swim test held at the Solana Beach Boys' and Girls' Club. The test will be administered during the second week of school.
- Demonstrate competency of swimming skills by having successfully completed Surf PE during 7th grade school year at EWMS.

Take PE at the beach! In this PE class, just like any other sport, you will practice and learn surfing techniques and do all of this at the beach. If you ever wanted to go surfing while at school here is your chance. The course will be held at 17th Street in Del Mar from 1:10-2:50 during your child's scheduled PE class. The class will dress out and meet at the Earl Warren campus on single period days in addition to days the class is cancelled due to inclement weather or extenuating circumstances.

INDEPENDENT STUDY PE

Grade Level: 7 & 8

(SDUHSD Online ISPE Contract & Paperwork required; must apply and meet criteria for enrollment.)

This course is designed for the athlete who competes in an individual sport. Students are off campus during period 1 or 6 to participate in their sport.

SCIENCE

7TH GRADE SCIENCE

Grade Level: 7

7th Grade Science is a year-long, inquiry-oriented and integrated science course for 7th graders. In addition to addressing portions of life science content from outgoing California State Standards, some engineering, physical, and Earth-space science content will also be included as SDUHSD transitions to the new California-adopted Next Generation Science Standards for the 2017-2018 school year.

SHELTERED 7TH GRADE SCIENCE

Grade Level: 7

Sheltered 7th Grade Science is designed for second language learners and follows the course description for 7th Grade Science. While the content of the course is the same as 7th grade science, teachers use specially designed instruction in English strategies to make course content accessible to English learner students.

8TH GRADE SCIENCE

Grade Level: 8

8th Grade Science is a year-long, inquiry-oriented and integrated science course for 8th graders. In addition to addressing portions of physical science content from outgoing California State Standards, some engineering, life, and Earth-space science content will also be included as SDUHSD transitions to the new California-adopted Next Generation Science Standards for the 2017-2018 school year.

SHELTERED 8TH GRADE SCIENCE

Grade Level: 8

Sheltered 8th Grade Science is designed for second language learners and follows the course description for 8th Grade Science. While the content of the course is the same as 8th grade science, teachers use specially designed instruction in English strategies to make course content accessible to English learner students.

SOCIAL SCIENCES

WORLD HISTORY/GEOGRAPHY

Grade Level: 7

This course examines the political, social, cultural and economic developments around the world from approximately 500 A.D. through the 1700's. Students examine the history and cultures of Africa, the Middle East, Asia, the Americas, and medieval Europe through the Age of Enlightenment. This course is the second in a World History sequence that began with the sixth grade Ancient Civilizations course and continues in the tenth grade course on the Modern World.

UNITED STATES HISTORY

Grade Level: 8

This course examines the political, economic and social developments in the United States from colonial times through 1914. Particular emphasis is placed on examining the political values on which our nation was based, as well as issues and events that affected their continued development.

ELECTIVES

YEAR-LONG ELECTIVES

BAND

Grade Level: 7 & 8

This course offers students the opportunity to begin or continue their study of standard woodwind, brass and percussion instruments, and to participate in band performances. Students play music that includes arrangements of popular and classical compositions.

COLLEGE READINESS

Grade Level 7 & 8

College Readiness is aimed at helping students in the academic “middle” be successful in the most rigorous curriculum possible, and to prepare them for success in a college environment after graduation. This course will:

- Develop organizational and study skills in order to prepare students for high school and college.
- Support students in core subject areas through collaboration with peers and tutors.
- Provide enrichment and motivational activities that make college attainable for all students.
- Provide 21st century learning opportunities to promote digital literacy, communication skills, and collaboration.

DRAMA

Grade Level: 7 & 8

This class focuses on building student self-confidence, creative expression, and cooperative learning. This is a performance-based class where students will build on basic acting skills. Students will have the opportunity for participation in a variety of drama activities, such as: monologues, character analysis, improvisation, and scene work. Students will also perform in Earl Warren's Fall and Spring Arts Festival. Many opportunities will be provided for students to take part in all aspects of theatre, such as: acting, directing, lighting and sound, costume/make-up, and publicity.

LEADERSHIP (ASB)

Grade Level: 7 & 8

(Online Leadership Application required)

Students are provided learning experiences in areas of planning, implementation and evaluation of programs. Improved time management, goal setting, communication & organization skills are stressed. The class participates in planning and organizing campus activities. In addition, students will use journalistic techniques to present news to the EW student body regarding current events on campus or in the community.

SPANISH I (P) – College Prep

Grade Level: 7 & 8

Fulfills UC/CSU Requirements

This year long course consists of a series of linguistic activities and cultural topics which enables students to communicate about daily activities at a survival level. Curriculum is based on the California World Languages Framework, and activities are chosen for their personal significance to the students, thereby providing an aspect of spontaneity to communication. At the end of this course, students will be able to understand, speak, read, and write about high frequency expressions and phrases and make him/herself understood by the teacher.

SPANISH II (P) – College Prep

Grade Level: 8

Fulfills UC/CSU Requirements

This year long course consists of a series of linguistic activities and cultural topics which enable the students to communicate about daily activities at a functional level. Curriculum is based on the California World Languages Framework, and activities are chosen for their personal significance to

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the students, thereby providing an aspect of spontaneity to the communication. At the end of the course, the student will be able to understand, speak, read, and write about basic daily activities, high frequency expression, and make him/herself understood by a sympathetic native speaker.

Prerequisite: Spanish II requires you to pass Spanish I with a grade of C or better prior to Spanish II enrollment.

STEM EXPLORATIONS 2 (Adv STEM)

Grade Level 7 & 8

(Online Application Form for STEM Explorations 2 required)

This year-long course provides students with both structured and open-ended problem solving activities using the LEGO Mindstorms EV3 robotics curriculum. In addition to robotics, students will have the opportunity to study pneumatics and renewable energy through LEGO projects and other platforms. Students will be challenged to complete projects that combine 3-D printing, circuits, and programming and may compete in local or national engineering and design competitions while developing critical-thinking and communication skills. Pre-requisites: STEM Explorations 1 or experience with LEGO Simple and Powered Machines, basic knowledge of programming through platforms like Scratch or code.org. [Application and teacher recommendation required](#) for students who have not completed STEM Explorations 1.

YEARBOOK/JOURNALISM

Grade Level: 7 & 8

This class is responsible for the creation of the EWMS award winning yearbook and is driven by production deadlines. Students learn how to take quality photos, design spreads, and improve their journalistic skills; they are expected to work independently, and in small groups, to meet deadlines and have strong writing skills. Attention to details and organizational skills are a must. Taking photos of sports, clubs, and events outside the regular school day is expected periodically throughout the year. Students must develop and implement interviewing and photographic skills. This class is a great learning environment for high school yearbook production. After the yearbook is completed, the class focuses on the school literary publication during the fourth quarter in the Spring.

SEMESTER ELECTIVES

GENERAL STUDIO ART 2-D DESIGN (no prerequisite) – Semester

Grade Level: 7 & 8

Studio Art 2-D Design is a semester-long guided art class designed to expose students to a variety of two-dimensional art media in a project-based studio setting. Utilizing elements of art and principles of design, students will develop visual literacy skills to apply to art while gaining a historical understanding and appreciating of the art media involved. Two-dimensional design is everything that happens on a two-dimensional surface and includes drawing, painting (tempera and watercolor), collage, design, and more. This course provides foundational skills for future art classes at the high school and college level. Students will maintain a portfolio through the semester, and their artwork will be featured in Earl Warren's bi-annual arts festivals. Selected student work will be submitted to the San Diego County Fair and may also become part of Earl Warren PTSA Permanent Art Collection. Feed your creativity in Studio Art 2-D Design.

ADVANCED STUDIO ART 3-D DESIGN (no prerequisite) – Semester

Grade Level: 7 & 8

Studio Art 3-D Design is a semester-long guided art class designed to expose students to a variety of three-dimensional art media in a project-based studio setting. Utilizing elements of art and principles of design, students will develop visual literacy skills to apply to art while gaining a historical understanding and appreciating of the art media involved. Three-dimensional design includes paper mache, mosaic, soft sculpture, stop motion Claymation, ceramics, and more. This course provides foundational skills for future art classes at the high school and college level. Students will maintain a digital portfolio throughout the semester, and their artwork will be featured in Earl Warren's bi-annual

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arts festivals. Selected student work will be submitted to the San Diego County Fair. Take your creativity to the next dimension in Studio Art 3-D Design.

DIGITAL ARTS – Semester

Grade Level: 7 & 8

Digital Arts is an introductory graphic design course, designed to teach students a wide variety of digital image creation and editing techniques. Students will learn how to create and edit static two-dimensional images using a variety of techniques in Adobe Illustrator, and Photoshop. Students will work on a variety of media projects, both independently and as part of a group; creating digital art and illustrations, as well as editing and enhancing digital photographs. Through the production of media projects, students will develop skills in planning, organization, interpersonal communication, team building, and media literacy.

CARTOONING – Semester

Grade Level: 7 & 8

Cartooning and Animation is an advanced production course, designed to teach students a variety of sequential art, and digital animation techniques. Students will learn techniques for the production of traditional and digital illustration, cartooning and animation. Students will work on a variety of media projects, both independently and as part of a group; creating characters, producing storyboards, developing stage and sound designs for digital animations and interactive art. Through the production of media projects, students will develop skills in planning, organization, interpersonal communication, team building, and media literacy.

VIDEO FILM – Semester

Grade Level: 7 & 8

Video/Film is a hands-on course, designed to teach students to use digital video production equipment in a classroom environment and on campus grounds. Students will learn to operate audio and video equipment in order to develop technical production skills. Students will work on a variety of media projects, both independently and as part of a group; producing weekly news broadcasts, public service announcements, commercials, interviews, and documentaries. Through the production of media projects, students develop skills in planning, organization, script writing, interpersonal communication, team building, and media literacy.

GUITAR - Semester

Grade Level: 7 & 8

Students will learn the basics of reading music in first position and how to read rhythmic notation. Students will have the opportunity to work individually and in small groups, with the possibility of public performances. Students will also study music theory and guitar music from a historical perspective. This will be accomplished through research, written and oral presentations, and performance. Through this study, students will understand the cultural and artistic relevance of particular compositions throughout history, and the role of the musician in a given societal context.

STEM EXPLORATIONS 1 – Semester

Grade Level: 7 & 8

This semester-long course provides an introduction to design and engineering through structured problem-solving activities. Principles learned using LEGO Simple and Powered Machines will be applied to novel situations as students work together to complete design challenges. Students will create objects for 3-D printing and will be able to choose between the study of circuits, computer aided design, or programming modules throughout the semester. An emphasis on inquiry and discovery will allow students to develop and use critical-thinking skills. Open to any students.

SUPPORT COURSES

READ 180 (replaces elective)

Grade Level 7 & 8

Prerequisite: Must be taken concurrently with English 7 or English 8

Language Arts skills are essential to academic success. Read 180 provides support in reading, writing, speaking, and listening to assist students who scored Basic or below on the California Standards Test. Read 180 has a foundational reading and phonics intervention technology program for our language learners called *System 44*. *System 44* includes state-of-the-art adaptive reading technology that delivers direct, explicit, research-based foundational reading and phonics instruction as well as engaging, high-interest print materials for student practice in reading, writing, and spelling.

ELD SUPPORT (replaces elective)

Grade Level 7 & 8

This elective course is designed to be taken concurrently with English 7 or English 8 and provides academic support in content area classes, allowing English Learner students to understand the content while acquiring more English.

STUDY SKILLS (replaces elective)

Grade Level 7 & 8

The study skills class is taught by the intervention coordinator in a small instructional environment. The curriculum of the study skills class focuses on developing organization skills, teaching test preparation strategies, helping students understand how they learn, and working on individual goals as determined by the intervention coordinator and the students' teachers.

Prerequisites: Students are identified by their teachers as needing additional academic support. Students work with the intervention coordinator and/or another support program for several weeks and are only enrolled if sufficient progress is not made. Placement into the course is subject to the recommendation of the SST team.

NOTE: Please refer to the Course Selection Form for the elective courses currently offered at Earl Warren Middle School. Final elective courses offered are based on student sign-ups and staffing availability.

All students in the San Dieguito Union High School District shall be accorded equality of consideration for program offerings without discrimination or abridgement on account of race, religious creed, color, national origin, ancestry, sex, age, or handicap.