



OFFICE OF

**CURRICULUM, INSTRUCTION &  
PROFESSIONAL DEVELOPMENT**

LONG BEACH UNIFIED SCHOOL DISTRICT

# **MIDDLE SCHOOL COURSE CATALOG 2026-2027**

Office of Course Management  
Long Beach Unified School District

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# ART

## **Exploratory Art 6 1053**

Length of Course: 1 semester  
Grade Level Options: 6  
Prerequisite: None

This one semester course develops a foundation in visual art concepts representing a variety of cultures and global art traditions, artistic styles and art media and techniques.

## **Introduction to Art 1051**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: None

This course develops a foundation in visual art concepts representing a variety of cultures and global art traditions, artistic styles and art media and techniques.

## **Intermediate Art 1055**

Length of Course: 2 semesters  
Grade Level Options: 7 - 8  
Prerequisite: Exploratory Art 6 or Intro to Art

Students interested in continuing the study of art will experiment with a variety of two- and three-dimensional art forms, such as drawing, painting, mixed media, and three-dimensional art.

## **Advanced Art 1057**

Length of Course: 2 semesters  
Grade Level Options: 7 - 8  
Prerequisite: Intermediate Art or  
Permission of the teacher

This course follows Intermediate Art in the MS art sequence. Each semester is organized around new materials and media, and projects are offered using progressively more advanced techniques in two- and three-dimensional art forms.

## **Digital Art 1081**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: None

Students will learn the elements of art and principles of design and apply these in creating and presenting their own art using digital media, and responding and making connections to their own and others' works of art.

# ENGLISH LANGUAGE ARTS

**Humanities Core 6 ELA** 1491  
**Humanities Core 6 ELA ACC** 1492

Length of Course: 2 semesters  
 Grade Level Options: 6  
 Prerequisite: None

Humanities Core/Acc 6 addresses all of the grade 6 Common Core State Standards as well as the HSS standards in a double-period, one-year course. Students who successfully complete the Language Arts 6 portion of the course will take Language Arts 7 in the next year.

**Language Arts 6** 1543  
**Language Arts 6 Accelerated** 1510  
**#Language Arts 6 SDC** 5080

Length of Course: 2 semesters  
 Grade Level Options: 6  
 Prerequisite: None

Language Arts 6 addresses all of the grade 6 Common Core State Standards in a one-year course. Students who successfully complete Language Arts 6 will take Language Arts 7 in the next year.

**Language Arts 7** 1545  
**Language Arts 7 Accelerated** 1512  
**#Language Arts 7 SDC** 5081

Length of Course: 2 semesters  
 Grade Level Options: 7  
 Prerequisite: None

Language Arts 7 addresses all of the grade 7 Common Core State Standards in a one-year course.

**Language Arts 8** 1551  
**Language Arts 8 Accelerated** 1514  
**#Language Arts 8 SDC** 5082

Length of Course: 2 semesters  
 Grade Level Options: 8  
 Prerequisite: None

Language Arts 8 addresses all of the grade 8 Common Core State Standards in a one-year course. Students who successfully complete Language Arts 8 will take English 1-2 or 1-2 Accelerated in the next year.

## Special Day Class

**ESY English Language Arts 6** 5070  
**ESY English Language Arts 7** 5071  
**ESY English Language Arts 8** 5072

Length of Course: Summer Session  
 Grade Level Options: 6, 7 or 8  
 Prerequisite: I.E.P. Determined

ESY English Language Arts addresses students' needs with language arts as indicated by their individual education program.

**Functional Academics ELA 6** 9205  
**Functional Academics ELA 7** 9206  
**Functional Academics ELA 8** 9207

Length of Course: 2 semesters  
 Grade Level Options: 6, 7 or 8  
 Prerequisite: I.E.P. Determined

Functional Academics English Language Arts has five units of study for academic and functional literacy instruction to support students in developing skills in vocabulary, comprehension, grammar, main idea, literal and inferential recall knowledge, analysis, application, figurative language, writing, and research.

‡Same course outline as core course, with modifications as needed.

## **ELA Intervention Courses**

### **2 years or less below grade level**

For CCR, students that are below grade level by two or more years on iReady and/or Not Met on SBAC should have a CCR class as an elective, in addition to their regularly scheduled Language Arts class. For CCR-ELD, students that are Beginning or Somewhat Developed on ELPAC, below grade level by two or more years on iReady and/or Not Met on SBAC should have a CCR-ELD class as an elective, in addition to their regularly scheduled Language Arts class. Both CCR and CCR-ELD are tier 2 literacy intervention and language development courses designed to help students with internalizing the reading and writing process, foundational reading skills, English language development and social emotional learning.

**College & Career English 6 1681**

**‡College & Career English 6 (Self-Contained) 1680**

**College & Career English 7 1682**

**College & Career English 8 1683**

### **College and Career Readiness (ELD)**

ELD English 6 1684

ELD English 7 1685

ELD English 8 1686

### **College and Career Readiness (SDC)**

**College & Career Readiness 6/A SDC 5085**

**College & Career Readiness 7/B SDC 5086**

**College & Career Readiness 8/C SDC 5087**

**College Career Readiness C/8 ELD 5084**

## **ELA Electives**

**Creative Writing 1529**

Length of Course: 1-2 semesters

Grade Level Options: 6 - 8

Prerequisite: None

Creative writing employs the writing process to have students explore and create effective writing. Students will analyze the various writing genres through reading, writing, and critiquing techniques tied to writing.

**Debate 1547**

Length of Course: 1-2 semesters

Grade Level Options: 6 - 8

Prerequisite: None

Debate is a language arts elective course designed to improve skills in the four language arts areas (reading, writing, listening, and speaking). Students will also practice to mastery their research skills, reasoning ability, and critical thinking competency.

**Journalism 1582**

Length of Course: 1-2 semesters

Grade Level Options: 6 - 8

Prerequisite: None

Journalism includes a study of modern newspapers, the history of journalism in the United States, newspaper organization, analysis of news, the effects of propaganda, and newsgathering and writing. Students will focus upon a study of the physical makeup of a newspaper and the production of a minimum of four newspapers.

# ENGLISH LANGUAGE DEVELOPMENT

## Beginning ELD

1715

Length of Course: 2 semesters

Grade Level Options: 6 - 8

Prerequisite: *Designated as English Learner (EL) and meeting the requirements as outlined in the placement guide under “intensive” support.*

This course is designed for Newcomer students who display oral English fluency at the Emerging /Beginning level and have limited /no literacy skills in English. A Newcomer is defined as a student who scores at Level 1 or Level 2 on the ELPAC and is at the Nearly Met / Not Met level on the SBAC and has been in the country for less than 1.5 years. The course is driven by the 2012 ELD Standards focusing on interacting in meaningful ways, learning about how English works, and foundational literacy skills. The curriculum includes a blend of digital and print resources. This course should be taken as the student’s core English class.

## Beginning ELD Workshop

1717

Length of Course: 2 semesters

Grade Level Options: 6 - 8

Prerequisite: *Designated as English Learner (EL) and meeting the requirements as outlined in the placement guide under “intensive” support. Scheduled as a second block with Beginning ELD course.*

This course is designed for Newcomer students who need a second block of ELD support to receive daily ELD instruction. **This course is an elective course** which should be taken in addition to Beginning English Language Development.

## College and Career Readiness

ELD English 6

1684

ELD English 7

1685

ELD English 8

1686

Length of Course: 2 semesters

Grade Level Options: 6 - 8

Prerequisite: *Designated as English Learner (EL) and meeting the requirements as outlined in the placement guide under “significant and moderate” support.*

This class is designed to support students who have an EL designation according to ELPAC data. The curriculum of the course is designed to build upon the four domains of the ELPAC (reading, writing, speaking, and listening), aligned to the 2012 CA ELD Standards, and facilitated through the station rotation structure. This structure is designed to provide differentiated designated ELD instruction aligned to the students’ ELPAC language proficiency levels. This course is intended to be supplemental support for their regular English Language Arts class, so students should be enrolled in both this course and the grade-level-appropriate English Language Arts course. For Middle School, this is a “credit/no credit” course. Credit is equivalent to a grade of D or higher.

## Drama ELD

3344E

Length of Course: 9-12 weeks, semester, or year

Grade Level Options: 6-8

Prerequisite: None

This introductory course offers students opportunities to read, interpret, write and create purposeful theater.

# HEALTH

**Health 7** **2102**  
**‡Health 7 Accelerated** **2119**

Length of Course: 1 semester  
Grade Level Options: 7  
Prerequisite: None

Health 7 is a 1 semester course designed to assist students in accessing valid information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health related information, products, and services. Each unit in the Health 7 Accelerated course culminates with an authentic unit project, which provides students the opportunity to demonstrate their application of knowledge and skills to sustain a healthy lifestyle for themselves and/or their community.

## Electives

**Building Healthy Relationships** **2110**

Length of Course: 1 semester  
Grade Level Options: 6 - 8  
Prerequisite: None

This course is designed to assist students to build a strong foundation toward a safe and respectful environment and enhance harmony.

## Special Day Class

**Health 7** **5621**

Length of Course: 1 semester  
Grade Level Options: 7  
Prerequisite: None

Health 7 is a 1 semester course designed to assist students in accessing valid information, developing lifelong positive attitudes and behaviors, and making wise decisions related to their personal health. Study will include personal and community health; mental, emotional, and social health; injury prevention and safety; nutrition and physical activity; alcohol, tobacco, and other drugs; growth, development, and sexual health. Central themes are the acceptance of personal responsibility for lifelong health, respect for and promotion of the health of others, an understanding of the process of growth and development, and informed use of health related information, products, and services. Each unit in the Health 7 course offers an authentic unit project, which provides students the opportunity to demonstrate their application of knowledge and skills to sustain a healthy lifestyle for themselves and/or their community.

**Functional Academics: Practical Living**  
**6-8** **9217**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: None

Students will engage in five units of study set out to support healthy choices, independence at home, managing time, money, jobs, and community.

‡Same course outline as core course, with adaptations as needed.

## HISTORY/SOCIAL SCIENCE

#Humanities Core 6 History	2176
#Humanities Core 6 History ACC	2178
OR	
Ancient World History 6	2130
#Ancient World History 6 ACC	2134
#Ancient World History 6 DLI	2169
#Ancient World History 6 SDC	5635
Ancient World History 6 FA SDC	9214

Length of Course: 2 semesters  
Grade Level Options: 6  
Prerequisite: None

Students in 6th grade world history and geography classrooms learn about the lives of the earliest humans, the development of tools, the foraging way of life, agriculture, and the emergence of civilizations in Mesopotamia, Egypt, the Indus River valley, China, Mesoamerica, and the Mediterranean basin.

Medieval World History 7	2138
#Medieval World History 7 ACC	2142
#Medieval World History 7 DLI	2170
#Medieval World History 7 SDC	5631
Medieval World History 7 FA SDC	9215

Length of Course: 2 semesters  
Grade Level Options: 7  
Prerequisite: None

During the 7th grade year, students study world history and geography during the medieval and early modern eras. The medieval and early modern periods provide students with opportunities to study the rise and fall of empires, the diffusion of religions and languages, and significant movements of people, ideas, and products.

US History 8	2146
#US History 8 Accelerated	2150
#US History 8 SDC	5629
US History 8 FA SDC	9216

Length of Course: 2 semesters  
Grade Level Options: 8  
Prerequisite: None

The eighth grade course of study begins with an intensive review of the major ideas, issues, and events that shaped the founding of the nation. In their study of this era, students will view American history through the lens of a people who were trying—and are still trying—to fulfill the promise of the Declaration of Independence and the Constitution.

### Electives

<b>Ethnic Studies</b>	<b>2232</b>
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Length of Course: 2 semesters  
Grade Level Options: 7 - 8  
Prerequisite: None

Ethnic studies is an interdisciplinary field of study that encompasses many subject areas including history, literature, economics, sociology, anthropology, and political science. Ethnic studies seeks to empower all students to engage socially and politically and to think critically about the world around them.

**Global Classroom****2161**

Length of Course: 2 semesters

Grade Level Options: 6 - 8

Prerequisite: None

Students in Global Classroom learn about current issues in order to understand the need for international diplomacy. Students realize developments tied to globalization and thus, the importance of international organizations and the law.

## **INTERDEPARTMENTAL ELECTIVES**

### **Core Content Support 6**

### **Core Content Support 7**

### **Core Content Support 8**

Length of Course: 2 semesters  
Grade Level Options: 6, 7, or 8  
Prerequisite: I.E.P. Determined

For CCS, students with individual education programs, who require intervention for literacy and/or mathematics, and require support with social emotional needs, executive functioning, and their transition plans. Students enrolled in CCS should not be co-enrolled in CCR and/or Math Development. Students enrolled in a Co-Taught Math or ELA course should only be considered for this course if additional, intensive intervention is needed.

**5685**

**5686**

**5687**

### **Library Media Education**

**4226**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: None

Library Media Education offers students the opportunity to gain an understanding of the organization of libraries and instruction in the use of print, non-print, and on-line resources for research.

### **Financial Literacy**

Length of Course: 1 semester  
Grade Level Options: 7 - 8  
Prerequisite: None

In this semester-long elective course, students will engage in projects and activities where they practice making financial decisions, reflect on their personal money values, and explore how different decisions can impact their financial future. Students will learn about basic behavioral economics, credit, budgeting and saving, protecting themselves and their money in an online environment, and skills for college and career planning.

**4320**

### **Office Assistant**

**4234**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: 2.0 GPA and Signed Non Academic Course Enrollment Form

Office assistants are assigned to work in various school offices. They learn filing systems, do typing and/or duplicating tasks, answer telephones, take messages, and acquire general office work experience.

**Student Council 4238**

Length of Course: 1 semester  
Grade Level Options: 6 - 8  
Prerequisite: None

Training and practical experience in organizing and administering activities connected with student body functions. Members are expected to be conscientious students with the ability to work with their peers, faculty and administration toward the common goal of improving the culture at a school site.

**Teacher Aide Middle School 4232**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: 2.0 GPA and Signed Non Academic Course Enrollment Form

The course provides students opportunities to assist classroom teachers with duplicating tasks, filing, keeping records, and preparing bulletin boards and instructional materials.

**World of Work: Exploring Business 4314**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Finance will introduce students to age-appropriate personal finance concepts. Students will explore the value of money and learn the basics of banking, saving, and budgeting. Students will explore a variety of careers.

**World of Work: Exploring Engineering 4313**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Engineering will introduce students to the components of science, technology, engineering and mathematics and how they work together to solve relevant problems.

**World of Work: Exploring Gaming 4315**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Gaming will introduce students to game development through an interactive and hands-on approach. Students will explore a variety of careers in the gaming industry.

**World of Work: Exploring Media Arts 4312**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Digital Art will introduce students to a special genre of art found in everything from advertising to animation to photography and beyond. Students will explore a variety of careers found in digital art and design

**World of Work: Exploring Medical 4316**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Medical will introduce students to the health science and medical technology field. Students will explore a variety of medical professions, patient communication, and healthcare safety protocols to ensure patient survival and improvement.

**World of Work: Quest for Success 4311**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Academic Success will help students learn the strategies they need for academic achievement and how teamwork and positive communication will have a positive impact on future goals.

**World of Work: Expl. Public Service 4317**

Length of Course: 1 quarter  
Grade Level Options: 6 - 7  
Prerequisite: None

WOW! Exploring Public Service will introduce students to a field that focuses on building a safe and healthy community. In this course, students will explore career choices that include public safety (Emergency Response, Fire, Police, Law).

**Yearbook 4228**

Length of Course: 2 semesters  
Grade Level Options: 6 - 8  
Prerequisite: None

Students will focus on the elements of the purpose of a yearbook, developing a theme, creating layouts and designs, photography, writing, and editing.

# MATHEMATICS

**Math 6** 3100  
**Math 6 SDC** 5606

Length of Course: 2 semesters  
 Grade Level Options: 6

Math 6 addresses all of the grade 6 Common Core State Standards in a one-year course. Students who successfully complete Math 6 will take Math 7 in the seventh grade, and Math 8 in the eighth grade. Not all students receiving Special Education services require Math Development on their schedule. Intervention courses are ELECTIVE courses that limit other course options with student schedules. If intensive intervention is determined to be necessary, consider LRE when programming students' schedules (i.e. GE Math Development instead of SDC Math Development).

**Math 6 Accelerated** 3104  
**#Tech Core 6 Math Accelerated** 3186

Length of Course: 2 semesters  
 Grade Level Options: 6

Math 6 Accelerated compacts all of the grade 6 Common Core State Standards and half of the grade 7 Common Core State Standards into a one-year course. Students who successfully complete Math 6 Accelerated will take Math 7 Accelerated in the seventh grade, and Algebra 1 in the eighth grade.

**Math 7** 3108  
**#Math 7 DLI** 3184  
**Math 7 SDC** 5021

Length of Course: 2 semesters  
 Grade Level Options: 7

Math 7 addresses all of the grade 7 Common Core State Standards in a one-year course. Students with A's and B's in Math 7 may take Algebra 1 in grade 8, otherwise students will take Math 8 in the eighth grade.

**Math 7 Accelerated** 3135

Length of Course: 2 semesters  
 Grade Level Options: 7

Math 7 Accelerated compacts all of the grade 8 Common Core State Standards and half of the grade 7 Common Core State Standards into a one-year course. Students who successfully complete Math 7 Accelerated will take Algebra 1 in the eighth grade.

**Math 8** 2981  
**Math 8 SDC** 5609

Length of Course: 2 semesters  
 Grade Level Options: 8

Math 8 addresses all of the grade 8 Common Core State Standards in a one-year course. Students will take Algebra 1 in the ninth grade.

**Algebra 1** 2986

Length of Course: 2 semesters  
 Grade Level Options: 8

This one-year Algebra 1 course is identical to the Algebra 1 course taught in high school and meets the A-G college eligibility requirement and high school graduation requirement. Students who successfully complete Algebra 1 will take Geometry in ninth grade.

## Electives

**Math 6 Development** 3120  
**#Math 6 Development SDC** 5645

Length of Course: 2 semesters  
Grade Level Options: 6

Math 6 Development is a second period of math designed for students who did not meet standards in mathematics in grade 5. Students who are enrolled in Math 6 Development are concurrently enrolled in Math 6.

**Math 6 ACC Development** 2967

Length of Course: 2 semesters  
Grade Level Options: 6

Math 6 Accelerated Development is a second period of math designed for students who did not meet the recommendation criteria for placement into Math 6 Accelerated, and are enrolled concurrently in Math 6 Accelerated.

**Math 7 Development** 3121  
**#Math 7 Development SDC** 5646

Length of Course: 2 semesters  
Grade Level Options: 7

Math 7 Development is a second period of math designed for students who did not meet standards in mathematics in grade 6. Students who are enrolled in Math 7 Development are concurrently enrolled in Math 7.

**Math 7 ACC Development** 2968

Length of Course: 2 semesters  
Grade Level Options: 7

Math 7 Accelerated Development is a second period of math designed for students who earned a D in Math 6 Accelerated, and are enrolled concurrently in Math 7 Accelerated.

**Math 8 Development** 2985  
**#Math 8 Development SDC** 5647

Length of Course: 2 semesters  
Grade Level Options: 6

Math 8 Development is a second period of math designed for students who did not meet standards in mathematics in grade 7. Students who are enrolled in Math 8 Development are concurrently enrolled in Math 8.

**Algebra 1 Development** 2989

Length of Course: 2 semesters  
Grade Level Options: 6

Algebra 1 Development is a second period of math designed for students who did not meet the recommendation criteria for placement into Algebra 1, and are enrolled concurrently in Algebra 1.

**Functional Academics Math 6** 9208  
**Functional Academics Math 7** 9209  
**Functional Academics Math 8** 9210

Length of Course: 2 semesters  
Grade Level Options: 6, 7, 8

Course addresses mathematics focusing on Geometry, Algebra, Data Analysis, and Measurement including functional math concepts like spending money, telling time, keeping a calendar, following maps, reading graphs, understanding paychecks, and budgeting.

**ESY Mathematics 6** 5073  
**ESY Mathematics 7** 5074  
**ESY Mathematics 8** 5075

*ESY Mathematics* addresses students' needs with mathematics as indicated in their individual education program.

# PERFORMING ARTS

## Dance

### **Beginning Dance** 3338

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

This course is designed to give students the opportunity to learn the beginning skills of dance while improving their techniques, poise, self-confidence and creative ability.

### **Exploring Dance** 3337

Length of Course: 1 semester  
Grade Level Options: 6-8  
Prerequisite: None

This course is a semester introductory dance course. Students will explore movement fundamentals through the dance elements of time, space and energy. The intent is to give dancers an awareness for the physical body and its athletic and expressive capabilities.

### **Intermediate Dance** 3339

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Beginning Dance/Audition

This course is designed to give students the opportunity to continue learning the skills of dance while improving their technique. They also study dance forms from many cultures and time periods in cultural and historical context.

### **Advanced Dance** 3340

Length of Course: 2 semesters  
Grade Level Options: 7-8  
Prerequisite: Intermediate Dance/Audition

Students will choreograph and dance in class and school presentations. Through their own dance compositions and expressions, students explore the creative process, translating ideas, thoughts, and feelings into original pieces of choreography.

## Drama

### **Drama 6-8** 3344 **Drama 6-8 ELD** 3344E

Length of Course: 9-12 weeks, semester, or year  
Grade Level Options: 6-8  
Prerequisite: None

This introductory course offers students opportunities to read, interpret, write and create purposeful theater.

## General Music Courses

### **Music Appreciation** 3302

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Music Appreciation is a course for students with little or no previous musical experience. The purpose of this course is to expose students to a wide variety of music from different historical periods and its uses in different cultures.

**Exploring Music 3300**

Length of Course: 1-2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

The emphasis in this course is on the development of individual technique, musicianship, ensemble skills, and personal responsibility in order to develop the students as independent musicians.

Instrumental Music Courses

\*NOTE: Band classes usually include instruction on the following instruments: Flute, Clarinet, Oboe, Bassoon, Saxophone, Trumpet, French Horn, Trombone, Baritone/Euphonium, Tuba and Percussion.

**\*Beginning Band 3304**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Beginning Band is a course for students who have had little or no previous experience in playing a wind or percussion instrument.

**\*Intermediate Band 3306**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Previous experience, instructor's approval

Intermediate Band is a course for students who have had some previous experience in playing a wind or percussion instrument. The emphasis in this course is on the continued development of individual technique, musicianship, ensemble skills and personal responsibility in order to develop the students as independent musicians.

**\*Advanced Band 3308**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Previous experience, instructor's approval

Advanced Band is a course for students who have had previous experience in playing a wind or percussion instrument. The emphasis in this course is on the continued development at an advanced level on individual technique, musicianship, ensemble skills and personal responsibility in order to develop the students as independent musicians, as well as prepare them to progress to music classes at the high school level.

**\*Jazz Band 3354**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Previous experience, instructor's approval

Jazz Band is a course for students who have had some previous experience in playing a wind or percussion instrument and have an interest in studying and performing jazz compositions.

**Steel Drum Band 3310**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Steel Drum Band is a course for students who have had little or no previous experience or playing the steel drums. Students will develop their ability to read, play, improvise and compose music on the steel drum.

**\*Beginning Orchestra 3318**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Beginning Orchestra is a course for students who have had little or no previous experience in playing a string instrument violin, viola, cello and string bass.

**Beginning Guitar 3476**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Beginning Guitar for middle school is a course for students who are interested in learning to play the guitar. Students learn to read traditional music notation, tablature, chord charts, and to play multi-part ensemble music.

**\*\*Intermediate Orchestra 3320**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Previous experience, instructor's approval

Intermediate Orchestra is a course for students who have had some previous experience in playing a string instrument. The emphasis in this course is on the continued development of individual technique, musicianship, ensemble skills and personal responsibility in order to develop the students as independent musicians.

**Intermediate Guitar 3481**

Length of Course: 2 semesters  
Grade Level Options: 7-8  
Prerequisite: Beginning Guitar

Intermediate Guitar is a course for students who had some previous experience in playing guitar. The emphasis in this course is on the continued development of reading traditional music notation, tablature, chord charts, and to play multi-part ensemble music.

**\*\*Advanced Orchestra 3322**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: Previous experience, instructor's approval

The emphasis in this course is on the continued development at an advanced level on individual technique, musicianship, ensemble skills and personal responsibility in order to develop the students as independent musicians, as well as prepare them to progress to music classes at the high school level.

**Piano/Piano Lab 3316**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

Piano/Piano Lab is a course for students who have had little or no previous experience or training on the piano. The emphasis in this course is on the development of basic piano techniques, music reading skills, comprehension of the fundamentals of music theory and harmony.

**\*\*NOTE:** Orchestra classes usually include instruction on the following instruments: violin, viola, cello and string bass.

## Vocal Music Courses

### **Beginning Chorus**

**3325**

Length of Course: 2 semesters

Grade Level Options: 6-8

Prerequisite: None

In this introductory course, students will embark on a journey into the world of choral singing, where they will build a strong foundation as confident and creative musicians.

*Teaching Credential: Music*

### **Advanced Chorus**

**3331**

Length of Course: 2 semesters

Grade Level Options: 7-8

Prerequisite: Previous experience, instructor's approval

Students will elevate their choral singing skills and will master intricate music reading techniques and advanced vocal techniques.

*Teaching Credential: Music*

### **Intermediate Chorus**

**3329**

Length of Course: 2 semesters

Grade Level Options: 7-8

Prerequisite: Beginning Chorus

Students will deepen their understanding of choral singing and continue to grow as musicians. Building on foundational skills, they will refine their music reading abilities and vocal techniques,

*Teaching Credential: Music*

# PHYSICAL EDUCATION

## **Physical Education 6 3740**

Length of Course: 2 semesters  
Grade Level Options: 6  
Prerequisite: None

Physical Education 6 is designed to develop movement skills combination and knowledge; assess and maintain physical fitness to improve health and performance, know physical fitness concepts, principles and strategies; and apply psychological and sociological concepts which includes self-responsibility, positive social interaction, group dynamics and working cooperatively to achieve a common goal.

## **Physical Education 7 3742**

Length of Course: 2 semesters  
Grade Level Options: 7  
Prerequisite: None

Physical Education in Grade 7 emphasizes meeting challenges and making decisions. The focus of this course is the application of movement skills and knowledge to individual and dual physical activities; the assessment and maintenance of physical fitness to improve health and performance, and the requisite knowledge of physical fitness concepts, principles and strategies; and the application of psychological and sociological concepts, including self-responsibility, positive social interaction, and group dynamics, in the learning and performance of physical activity.

## **Physical Education 8 3744**

Length of Course: 2 semesters  
Grade Level Options: 8  
Prerequisite: None

Physical Education in Grade 8 emphasizes working as a team to solve problems. The focus of this course is the application of movement skills and knowledge (including defensive and offensive strategies) to team physical activities, gymnastics/tumbling, and square dance; the assessment and maintenance of physical fitness to improve health and performance; the requisite knowledge of physical fitness concepts, principles and strategies to improve health and performance; and the application of psychological and sociological concepts, including self-responsibility, positive social interaction, and group dynamics, in the learning and performance of physical activity.

## **Physical Ed. 8: Movement/Dance Emphasis 3695**

Length of Course: 2 semesters  
Grade Level Options: 8  
Prerequisite: None

In this course, emphasis is placed on rhythms and dance along with fitness concepts/performance and positive social behaviors. Units of instruction include the introduction of movement and rhythm, tumbling, square dance, line dance, hip-hop, world, as well as the opportunity to create dance routines using locomotor/non-locomotor skills previously learned.

## **Electives**

### **Physical Education Extension      3747**

Length of Course: 1-2 semesters

Grade Level Options: 7 & 8

Prerequisite: None

Students will improve their understanding of the relationship between nutrition and body composition. Also included in this course will be topics such as stress management, goal setting, recreational activities in relationship to fitness/wellness, and personal assessment of a variety of health/skill-related fitness areas. Schools on Block or A/B schedules will take this as a 2-semester course. The 1-semester course is for students in class daily.

# SCIENCE

<b>Tech Core 6 Science Accelerated</b>	<b>4133</b>
<b>Tech Core 6 Science</b>	<b>4129</b>
OR	
<b>Integrated Science 6</b>	<b>4180</b>
<b>#Integrated Science 6 Accelerated</b>	<b>4177</b>
<b>#Integrated Science 6 DLI</b>	<b>4183</b>
<b>Integrated Science 6 SDC</b>	<b>5077</b>

Length of Course: 2 semesters  
 Grade Level Options: 6  
 Prerequisite: None

Under the year-long guiding concept, “Systems within organisms and between them are adapted to Earth’s climate systems”, students in Integrated Science 6 will explore human metabolism, genetics, and thermal energy, particularly as it relates to weather, climate, and the effects of climate change on living systems.

<b>Integrated Science 7</b>	<b>4181</b>
<b>#Integrated Science Accelerated</b>	<b>4178</b>
<b>Integrated Science 7 SDC</b>	<b>5078</b>

Length of Course: 1 semester  
 Grade Level Options: 7  
 Prerequisite: None

Under the semester-long guiding concept, “Natural processes and human activities cause energy to flow and matter to cycle through Earth systems”. They will also investigate how ecosystems and populations within them utilize available energy and matter resources.

<b>Integrated Science 8</b>	<b>4182</b>
<b>#Integrated Science 8 Accelerated</b>	<b>4179</b>
<b>#Integrated Science 8 DLI</b>	<b>4184</b>
<b>Integrated Science 8 SDC</b>	<b>5079</b>

Length of Course: 2 semesters  
 Grade Level Options: 8  
 Prerequisite: None

Under the year-long guiding concept, “The processes that change Earth’s systems at different spatial scales today also caused changes in the past.”, students in Integrated Science 8 will explore motion and create designs with the principles of energy and force, forces of gravity and magnetism. They will investigate how light waves are used by animals and how they help scientists study the relationships between the Earth, Moon, and Sun. Students will also explore natural selection and its relationship to evidence for evolutionary history.

## Special Day Class

<b>Functional Academics: Integrated Health/Science A (25-26)</b>	<b>9211</b>
<b>Functional Academics: Integrated Health/Science B (26-27)</b>	<b>9212</b>
<b>Functional Academics: Integrated Health/Science C (24-25)</b>	<b>9213</b>

Length of Course: 2 semesters  
 Grade Level Options: 6, 7, or 8  
 Prerequisite: I.E.P. Determined

Over the course of one-year, students in Integrated Health/Science- C will engage in seven units of study set out to support students in answering essential science learning questions.

## Electives

### **Automation and Robotics PLTW 4148**

Length of Course: 1 semester

Grade Level Options: 6- 8

Prerequisite: None

Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms.

### **Design and Modeling PLTW 4147**

Length of Course: 1 semester

Grade Level Options: 6- 8

Prerequisite: None

Students discover the design process and develop an understanding of the influence of creativity and innovation in their lives. They are then challenged and empowered to use and apply what they've learned throughout the unit to design a therapeutic toy for a child who has cerebral palsy.

### **Energy and Environment PLTW 4154**

Length of Course: 1 semester

Grade Level Options: 6- 8

Prerequisite: None

Students are challenged to think big and toward the future as they explore sustainable solutions to our energy needs and investigate the impact of energy on our lives and the world. They design and model alternative energy sources and evaluate options for reducing energy consumption.

### **Environmental Awareness 4132**

Length of Course: 2 semesters

Grade Level Options: 6- 8

Prerequisite: None

This course will explore different areas of ecological concern, including air and water quality, solid waste management, and limited resources in both local and global contexts. Students will learn about how their actions can impact these issues, instilling a sense of community ownership through the investigation of local environmental issues and their mediation.

*Teaching Credential: Science*

### **Flight & Space PLTW 4155**

Length of Course: 1 semester

Grade Level Options: 6- 8

Prerequisite: None

Students become engineers as they design, prototype, and test models to learn about the science of flight and what it takes to travel and live in space.

### **Forensic Science 4145**

Length of Course: 1 semester

Grade Level Options: 8

Prerequisite: None

Middle School Forensic Science is a hands-on elective exploring the intersection of science, technology, and law. Students master crime scene investigation techniques, including DNA profiling, fingerprinting, and trace evidence, while applying concepts to real-world scenarios. Through lab investigations and research, students also examine forensic career paths and the required training for the field.

**Magic of Electrons PLTW 4158**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

Through hands-on projects, students explore electricity, the behavior and parts of atoms, and sensing devices. They **learn knowledge and skills in basic circuitry design**, and examine the impact of electricity on the world around them.

**Marine Biology 4130**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

This course will explore different aspects of marine science including sea floor topography and the amazing diversity of marine life thriving in the vastly different marine environments, including the regions where salt and fresh waters mingle. Students will learn about the dynamic movements of the oceans both above and beneath the surface. It will also investigate methods and technologies scientists use to learn about the oceans.

**Medical Detectives PLTW 4152**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

Students play the role of real-life medical detectives as they collect and analyze medical data to diagnose disease. They solve medical mysteries through hands-on projects and labs, measure and interpret vital signs, examine nervous system structure and function, and investigate disease outbreaks.

**MESA 4520**

Length of Course: 2 semesters  
Grade Level Options: 6-8  
Prerequisite: None

MESA is a series of science enrichment activities, which correspond to the state content standards for physical, earth and some life science. Each of the activities allows the students to utilize math skills that are associated with science and create an environment for students to extend their investigations to the world around them.

**Pre-Engineering Explorations 4146**

Length of Course: 1 semester  
Grade Level Options: 7-8  
Prerequisite: None

Students taking this course will explore concepts of physical science while learning to apply engineering principles. Content will address the properties and uses of various materials, current and future energy resources and their applications, and how engineers and scientists apply these and Newton's laws to solve problems and create practical innovations.

**Science of Technology PLTW 4151**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

Science impacts the technology of yesterday, today, and the future. Students apply the concepts of physics, chemistry, and nanotechnology to STEM activities and projects, including making ice cream, cleaning up an oil spill, and discovering the properties of nano-materials.

# TECHNOLOGY

## **App Creators PLTW 1383**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

Students will be introduced to the field of computer science and the concepts of computational thinking, through the creation of mobile apps. Students are challenged to be creative and innovative, as they collaboratively design and develop mobile solutions to engaging, authentic problems.

## **Computer Science for Innovators and Makers (PLTW) 1384**

Length of Course: 1 semester  
Grade Level Options: 6- 8  
Prerequisite: None

Innovators and Maker's will allow students to discover computer science concepts and skills by creating personally relevant, tangible, and shareable projects. Throughout the course, students will learn about programming for the physical world by blending hardware design and software development.

## **Computers Introduction 1337**

Length of Course: 1 semester  
Grade Level Options: 6-8  
Prerequisite: None

Students will learn how to use and understand basic computer related terms, identify basic computer hardware components and peripheral devices, i.e. keyboard, mouse, printer, etc.

## **Computers Intermediate 1338**

Length of Course: 1 semester  
Grade Level Options: 6-8  
Prerequisite: Grade C or better in Computers Introduction or demonstration of proficiency in Computer Introduction skills.

Skills learned in Introduction to Computers will be reinforced and the next level of skills will be introduced including database skills and the development of spreadsheets.

## **Computers Advanced 1339**

Length of Course: 1 semester  
Grade Level Options: 6-8  
Prerequisite: Grade of B or better in Computers Intermediate or demonstration of proficiency in Computers Intermediate skills.

This elective will build on proficiencies acquired in the Intermediate Computer course. Students will integrate previously learned tools, i.e. word processing, multimedia, spreadsheet and database, into a cumulative Web design project.

## **Computer Aided Design 2523**

Length of Course: 1 semester  
Grade Level Options: 7  
Prerequisite: Intermediate Computers with Grade of C or better or teacher recommendation.

Computer Aided Design (CAD) is a course exploring technology concepts through a hands-on, technical approach.

**Digital Imaging****2527**

Length of Course: 1 semester

Grade Level Options: 7

Prerequisite: Introduction to Computers and Intermediate Computers

This course will provide students with current skills using a variety of digital tools as well as elements of graphic design and design thinking to create computer graphics and digital layouts to communicate with diverse audiences.

**Multimedia II****1332**

Length of Course: 1 semester

Grade Level Options: 8

Prerequisite: Multimedia I

Students will develop intermediate web design skills, building on skills learned in Multimedia I. Students will use software to integrate HTML code and develop web layout and design skills. Students will work with web-based media such as graphics, video and sound.

**Introduction to Coding****1388**

Length of Course: 1 semester

Grade Level Options: 6-8

Prerequisite: None

The purpose of introducing students to coding is to deepen their understanding of how computing systems are designed using creative processes; understanding networks and information systems; applying algorithms; programming to test and problem solve issues.

**Multimedia I****1324**

Length of Course: 1 semester

Grade Level Options: 8

Prerequisite: Intermediate Computers with Grade of C or better CAD courses with Grade of C or better; or teacher recommendation.

Students develop skills in audio and video production to create and publish videos. Research, collaborative work, planning, layout, and storyboarding strategies will be explored and utilized in the creation of the videos. Students develop their coding skills.

## WORLD LANGUAGES

**Spanish 1A** 1828  
(formerly Spanish 1)  
Length of Course: 2 semesters  
Grade Level Options: 6-7  
Prerequisite: None

Spanish 1A is an interactive introduction to Spanish emphasizing communicative-based listening, speaking, reading, and writing in Spanish and the rudiments of the cultures of the Spanish-speaking world. Students will learn to use Spanish to deal with discrete linguistic elements of basic daily life in predictable common settings.

**Spanish 1B** 1830  
(formerly Spanish 2)  
Length of Course: 2 semesters  
Grade Level Options: 6-7  
Prerequisite: A grade of “C” or better in Spanish 1A

Spanish 1B is an interactive introduction to Spanish emphasizing communicative-based listening, speaking, reading, and writing in Spanish and the rudiments of the cultures of the Spanish-speaking world.

**Spanish 1-2** 1831  
Length of Course: 2 semesters  
Grade Level Options: 7-8  
Prerequisite: None

Spanish 1-2 is an intensive introduction to Spanish emphasizing communicative based listening, speaking, reading, and writing in Spanish and the rudiments of the cultures of the Spanish-speaking world. Students will, at an accelerated pace, learn to use Spanish to deal with discrete linguistic elements of daily life in predictable common settings.

**Spanish 3-4** 1832  
Length of Course: 2 semesters  
Grade Level Options: 8  
Prerequisite: Spanish 1-2

Spanish 1-2 is an intensive introduction to Spanish emphasizing communicative based listening, speaking, reading, and writing in Spanish and the rudiments of the cultures of the Spanish-speaking world. Students will, at an accelerated pace, learn to use Spanish to deal with discrete linguistic elements of daily life in predictable common settings.

**Spanish for Span Spkrs 1-2** 1838  
Length of Course: 2 semesters  
Grade Level Options: 7-8  
Prerequisite: None

Spanish for Spanish Speakers (SSS) offers native speakers of Spanish the opportunity to study the language formally in an academic setting in the same way native English-speaking students study English language arts. SSS 1-2 is designed for students who have native oral fluency but have not developed basic literacy skills in Spanish.

**Spanish for Span Spkrs 3-4** 1839  
Length of Course: 2 semesters  
Grade Level Options: 7-8  
Prerequisite: Spanish for Span Spkrs 1

SSS 3-4 is designed for students who have completed Spanish for Spanish Speakers 1-2 and who have native oral fluency and are continuing to develop basic literacy skills in Spanish.

**Spanish Language Arts 6** **1868**

Length of Course: 2 semesters

Grade Level Options: 6

Prerequisite: Elementary Dual Immersion

*Keller only*

Using CCSS en español, this course is based on the 6th grade Spanish Language Arts Standards and is designed to promote the development of critical thinking skills in Spanish, strengthen and enrich Spanish as a World Language and a native or heritage language; promote bilingualism, biliteracy, and biculturalism; practice the skills of listening, speaking, reading and writing in appropriate cultural and social contexts; acquire and practice vocabulary and language structures of Spanish in that are used various academic settings. Students are expected to perform at a proficient level on a variety of tasks and assessments addressing both the content and skill standards for Spanish Language Arts 6. Levels of proficiency are defined near the end of this course outline under Classroom Performance Criteria.

**Spanish Language Arts 7** **1869**

Length of Course: 2 semesters

Grade Level Options: 7

Prerequisite: SLA 6

*Keller only*

Using CCSS en español, this course is based on the 7th grade Spanish Language Arts Standards and is designed to promote the development of critical thinking skills in Spanish, strengthen and enrich Spanish as a World Language and a native or heritage language; promote bilingualism, biliteracy, and biculturalism; practice the skills of listening, speaking, reading and writing in appropriate cultural and social contexts; acquire and practice vocabulary and language structures of Spanish in that are used various academic settings. Students are expected to perform at a proficient level on a variety of tasks and assessments addressing both the content and skill standards for Spanish Language Arts 7. Levels of proficiency are defined near the end of this course outline under Classroom Performance Criteria.

**Spanish Language Arts 8** **1870**

Length of Course: 2 semesters

Grade Level Options: 8

Prerequisite: SLA 7

*Keller only*

Using CCSS en español, this course is based on the 8th grade Spanish Language Arts Standards and is designed to promote the development of critical thinking skills in Spanish, strengthen and enrich Spanish as a World Language and a native or heritage language; promote bilingualism, biliteracy, and biculturalism; practice the skills of listening, speaking, reading and writing in appropriate cultural and social contexts; acquire and practice vocabulary and language structures of Spanish in that are used various academic settings. Students are expected to perform at a proficient level on a variety of tasks and assessments addressing both the content and skill standards for Spanish Language Arts 8. Levels of proficiency are defined near the end of this course outline under Classroom Performance Criteria.

