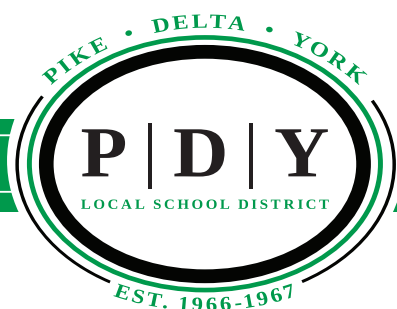


Delta Middle School



1101 Panther Pride Drive | Delta, OH 43515

PDYS.org

Building Course Description Guide

2024-2025

Delta Middle School Course Requirements:

5th Grade

Full Year English Language Arts
Full Year Math
Full Year Science
Full Year Social Studies
1 Quarter Physical Education
1 Quarter Art
1 Quarter Computer Multimedia Literacy
1 Quarter Music

6th Grade

Full Year English Language Arts
Full Year Math
Full Year Science
Full Year Social Studies
4 Electives
 Band (Year-round course and counts as 2 electives)
 Chorus (Semester)
 Art (Semester)
 Computer/Multimedia Literacy (Semester)
 Physical Education/Health (Semester)

7th Grade

Full Year English Language Arts
Full Year Math
Full Year Science
Full Year Social Studies
4 Electives
 Band (Year-round course and counts as 2 electives)
 Chorus (Semester)
 Art (Semester)
 Computer Science Discoveries (Semester)
 Physical Education Health (Semester)
 Intro to Family & Consumer Sciences (Semester) *Cannot take if in band due to shared teaching staff availability.

8th Grade

Full Year English Language Arts
Full Year Math
Full Year Science
Full Year Social Studies
4 Electives
 Band (Year-round course and counts as 2 electives)
 Chorus (Semester)
 Art (Semester)
 Computer Science Discoveries (Semester)
 Computer Science Productions Lab (Semester)
 Physical Education (Semester)
 Spanish (Year-round course) *Must have all A's 7th grade year.

Elective classes are a great opportunity to try new content areas, skills and creative tools within the school day. Students should give careful consideration to their elective preferences, **as students will be required to keep their elective preferences.**

5th GRADE CORE AND REQUIRED COURSE DESCRIPTIONS

Grade 5 English Language Arts

Prerequisite: None

Year Class – Required

5th Grade Language Arts is a course that meets for 2 periods each day, all year. This ELA course has four main components: reading, writing, listening and speaking, and language. The ELA curriculum provides the learner with a foundation on which to build. Various approaches are used to integrate all components.

Grade 5 English Language Arts S5

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

5th Grade Language Arts S5 is a course that meets for 2 periods each day, all year. The ELA curriculum includes direct, small group instruction of foundational Reading, Writing and Language skills that will be used to assist students in accessing grade level common core standards. Repeated practice and reteaching in skills such as basic reading decoding, word recognition, reading comprehension and the basic mechanics of writing will be provided. Students are given time for modeled, shared, assisted and independent reading and writing practice. Various approaches are used to integrate all components.

Grade 5 English Language Arts G5

Prerequisite: Teacher/Team Recommendation

Year Class – Required

5th Grade Gifted Language Arts G5 is a course that meets for 2 periods each day, all year. This course provides students with a challenging curriculum that is aligned to the Ohio Course of Study for English Language Arts. At the advanced level, students will use a wide variety of text to increase their use of critical thinking skills. The curriculum moves at an accelerated pace with a more concentrated focus on independent reading, writing, analysis, and research. Opportunities are provided for students to develop questioning and research strategies that assist them in organizing and presenting information in oral, visual, and written formats. Students will complete a research project which fits a yearly theme. The primary goals of the course are to foster independent learning and encourage in-depth exploration of the content.

Grade 5 Math

Prerequisite: None

Year Class – Required

5th Grade Math is a course that meets for 2 periods each day, all year. The students use the meaning of fractions (multiplication and division) to understand why the processes for multiplying and dividing fractions make sense. The students will have mastered multi-digit addition, subtraction, multiplication, and division. Students will also use multi-digit whole numbers with decimals to solve real world problems using concrete models or drawings and strategies based on place value, properties of operations, and/or the relationship between addition and subtraction, or multiplication and division.

Grade 5 Math S5

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

5th Grade Math S5 is a course that meets for 2 periods each day, all year. The students use the meaning of fractions, of multiplication and division to understand why the processes for multiplying and dividing fractions make sense. The students will have mastered multi-digit addition, subtraction, multiplication, and division. Students will also be given direct or small group instruction in the foundational skills necessary to access grade-level common core standards. These skills include addition and subtraction, multiplication and division, counting change, telling time and understanding how to appropriately answer a real-life word problem.

Grade 5 Science

Prerequisite: None

Year Class – Required

5th Grade Science is a course that meets for 1 period each day, all year. Grade 5 Science is an engaging and thought-provoking course covering Life (Interactions within Ecosystems), Physical (Light, Sound and Motion), and Earth and Space Science (Cycles and Patterns in the Solar System). The course includes labs where students observe experiments that demonstrate the concepts, they are learning to help students to become scientifically literate.

Grade 5 Science S5**Prerequisite: Teacher/Team recommendation****Year Class – Available as needed**

5th Grade Science S5 is a course that meets for 1 period each day, all year. Grade 5 Science S5 is an engaging and thought-provoking course covering Life, Physical, and Earth Science using Ohio's Extended Standards.

Grade 5 Social Studies**Prerequisite: None****Year Class – Required**

5th Grade Social Studies is a course that meets for 1 period each day, all year. The class focuses on the history and geography of the Western Hemisphere. This includes early culture groups in the Western Hemisphere and European exploration/colonization during the 1400-1600 time period. Additionally, students learn three types of governments: democracies, dictatorships, and monarchies. Finally, basic economic concepts are incorporated into the curriculum in fifth grade.

Grade 5 Social Studies S5**Prerequisite: Teacher/Team recommendation****Year Class – Available as needed**

5th Grade Social Studies S5 is a course that meets for 1 period each day, all year. The class focuses on the history of early America. It also provides a chance for students to read about and discuss current events using Ohio's Extended Standards.

5th GRADE ELECTIVE COURSE DESCRIPTIONS

Grade 5 Physical Education

Prerequisite: None

Quarter Class – Required

5th Grade Physical Education is a course that meets for 1 period each day, for a quarter. Physical Education course objectives will be accomplished through physical activities such as: lifetime sports and team sports, supplemental activities, muscular endurance, flexibility and physical fitness. Positive social interaction among students will be stressed. A special emphasis will be placed on the knowledge of physical fitness principles and participation in activities designed to improve fitness levels. Evaluation is based on the State of Ohio Physical Education Standards as well as effort, homework, projects, group projects and tests.

Grade 5 Art

Prerequisite: None

Quarter Class – Required

5th Grade Art is a course that meets for 1 period each day, for a quarter. Experience drawing, painting, printmaking, collage, and clay while learning about art throughout different time periods and cultures. Students will learn about the elements of art while creating realistic and expressive artwork.

Grade 5 Computer Multimedia Literacy

Prerequisite: None

Quarter Class – Required

5th Grade Computer Multimedia Literacy is a course that meets for 1 period each day, for a quarter. Students will focus on basic computer skills and responsible computer use. Students will develop a basic understanding of Internet safety, ethical computer use, keyboarding, opening and closing software files, accessing and saving to the school server, copying and pasting files or text, copyright laws, and searching the Internet.

Grade 5 Music

Prerequisite: None

Quarter Class – Required

5th Grade Music is a course that meets for 1 period each day, for a quarter. Students will learn to sing in solfege syllables. This course is designed to help the students decide whether they would like to join band or choir in 6th grade. This course will explore all reaches of music from musical theater, to rap and hip-hop, to orchestra and jazz bands.

Grade 5 Academic Assist

Prerequisite: None

Year Class – Required

5th Grade Academic Assist is a course that meets for 1 period, all year. This class is time during the school day when a student is expected to go to a particular room in the school to study or to complete work assigned in other classes.

6th GRADE CORE AND REQUIRED COURSE DESCRIPTIONS

Grade 6 English Language Arts

Prerequisite: None

Year Class – Required

6th Grade Language Arts is a course that meets for 2 periods each day, all year. Students will embark on a journey of self-discovery through reading, writing and language (i.e., grammar, vocabulary and word study). The course is aligned to Ohio's Academic Content Standards and prepares students for the Grade 6 Ohio's State Tests in English Language Arts. The course stresses the independent use of reading strategies to comprehend and respond to a variety of literary and informational texts. In addition, this course emphasizes to students that writing is a process. Students will also acquire vocabulary through both reading practice and explicit instruction. Students are given time for modeled, shared, assisted and independent reading and writing practice.

Grade 6 English Language Arts S6

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

6th Grade Language Arts S6 is a course that meets for 2 periods each day, all year. The ELA curriculum includes direct, small group instruction of foundational Reading, Writing and Language skills that will be used to assist students in accessing grade level common core standards. Repeated practice and reteaching in skills such as basic reading decoding, word recognition, reading comprehension and the basic mechanics of writing will be provided. Students are given time for modeled, shared, assisted and independent reading and writing practice. Various approaches are used to integrate all components.

Grade 6 English Language Arts G6

Prerequisite: Teacher/Team Recommendation

Year Class – Required

6th Grade Gifted Language Arts G6 is a course that meets for 2 periods each day, all year. This course provides students with a challenging curriculum that is aligned to the Ohio Course of Study for English Language Arts. At the advanced level, students will use a wide variety of text to increase their use of critical thinking skills. The curriculum moves at an accelerated pace with a more concentrated focus on independent reading, writing, analysis, and research. Opportunities are provided for students to develop questioning and research strategies that assist them in organizing and presenting information in oral, visual, and written formats. Students will complete a research project which fits a yearly theme. The primary goals of the course are to foster independent learning and encourage in-depth exploration of the content.

Grade 6 Math

Prerequisite: None

Year Class – Required

6th Grade Math is a course that meets for 2 periods each day, all year. Students will engage in learning through four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. This course is aligned to Ohio's Learning Standards for Mathematics and the 8 Standards for Mathematical Practice.

Grade 6 Math S6

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

6th Grade Math S6 is a course that meets for 2 periods each day, all year. Students will engage in learning through four critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; and (4) developing understanding of statistical thinking. This course is aligned to Ohio's Learning Standards for Mathematics and the 8 Standards for Mathematical Practice. Students will also be given direct or small group instruction in the foundational skills necessary to access grade-level common core standards. These skills include addition and subtraction, multiplication and division, counting change, telling time and understanding how to appropriately answer a real-life word problem.

Grade 6 Advanced Math**Prerequisite: School Recommendation****Year Class - Required**

6th Grade Advanced Math is a course that meets for two periods each day, all year. This course focuses on helping students achieve through five critical areas: (1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (2) completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which includes negative numbers; (3) writing, interpreting, and using expressions and equations; (4) developing understanding of statistical thinking; and (5) solving problems involving area, surface area, and volume. In order to prepare students for higher level mathematics courses two critical areas from seventh grade will also be added (1) developing understanding of and applying proportional relationships (2) developing understanding of operations with rational numbers and working with expressions and linear equations. This course is aligned to Ohio's Learning Standards for 6/7 Mathematics and the 8 Standards for Mathematical Practice. Upon completion of this course, students will be ready to enter Pre-Algebra in 7th grade.

Grade 6 Science**Prerequisite: None****Year Class - Required**

6th Grade Science is a course that meets for 1 period each day, all year. This class is designed to increase your knowledge and understanding of content in Earth Science, Life Science, and Physical Science. This course of study is aligned with Ohio's Learning Standards for Science. Students will learn about rocks, minerals, soil, life at the cellular and multi-cellular levels, energy, matter, and motion. With this kind of variety, students are sure to find at least one area of interest.

Grade 6 Science S6**Prerequisite: Teacher/Team Recommendation****Year Class – Available as needed**

6th Grade Science S6 is a course that meets for 1 period each day, all year. This class is designed to increase your knowledge and understanding of content in Earth Science, Life Science, and Physical Science. This course of study is aligned with Ohio's Learning Standards for Science. Students will be learning about rocks, minerals, soil, life at the cellular and multi-cellular levels, energy, matter, and motion using Ohio's Extended Standards.

Grade 6 Social Studies**Prerequisite: None****Year Class - Required**

6th Grade Social Studies is a course that meets for 1 period each day, all year. This course focuses on the study of the people and regions of the Eastern Hemisphere. Students become aware of the geographic features, early history, cultural development, and economic change of the regions. Students learn about the development of the early river civilizations in Africa and Asia. The geographic focus of the course includes the study of contemporary regional characteristics, the movement of people, products and ideas and cultural diversity. Students develop understanding of the role of consumers and the interaction of markets, resources and competition.

Grade 6 Social Studies S6**Prerequisite: Teacher/Team Recommendation****Year Class – Available as needed**

6th Grade Social Studies S6 is a course that meets for 1 period each day, all year. This course focuses on the study of the people and regions of the Eastern Hemisphere, focusing on Ohio's Extended Standards.

6th GRADE ELECTIVE COURSE DESCRIPTIONS

Grade 6 Physical Education Health

Prerequisite: None

Semester Class - Elective

6th Grade Physical Education is a course that meets for 1 period each day, for a semester. Physical Education course objectives will be accomplished through physical activities such as: lifetime sports and team sports, supplemental activities, muscular endurance, flexibility and physical fitness. Positive social interaction among students will be stressed. A special emphasis will be placed on the knowledge of physical fitness principles and participation in activities designed to improve fitness levels. Evaluation is based on the State of Ohio Physical Education Standards as well as effort, homework, projects, group projects and tests. Studies in health education will be centered on the social, mental and physical aspects of health.

Grade 6 Art

Prerequisite: None

Semester Class - Elective

6th Grade Art is a course that meets for 1 period each day, for a semester. Students will experience drawing, painting, printmaking, collage, and clay while learning about art throughout different time periods and cultures. Students will learn about the elements of art while creating realistic and expressive artwork.

Grade 6 Computer Multimedia Literacy

Prerequisite: None

Semester Class - Elective

6th Grade Computer Multimedia Literacy is a course that meets for 1 period each day, for a semester. Students will focus on basic computer skills and responsible computer use. Students will develop a basic understanding of Internet safety, ethical computer use, keyboarding, opening and closing software files, accessing and saving to the school server, copying and pasting files or text, copyright laws, and searching the Internet.

Grade 6 Chorus

Prerequisite: None

Semester Class - Elective

6th Grade Chorus is a course that meets for 1 period each day, for a semester. Students will begin to explore the foundations of healthy choral singing through exercises that focus on breathing, phonation, resonance, diction, musical literacy, expressiveness, and musicality. Students will improve these skills through a diverse repertoire of music used for performance and instruction. Students will expand musical knowledge for cultural and historical influences to music. Students will use solfege syllables to learn note reading and pitch. Students will learn in large group rehearsals and sectional rehearsals. Students should be prepared to work on individual and group assignments as part of their daily participation. Students are to perform as a full choir in two concerts per semester.

Grade 6 Band

Prerequisite: None

Year Class - Elective

6th Grade Band is a course that meets for 1 period each day, for a year. During the initial phases of 6th Grade Band, beginners are divided into groups and receive instruction in the fundamental skills necessary to play the instrument of their choice. The emphasis is on individual progress. Students will eventually have opportunities to play together in groups of mixed instruments, as their skills and the school schedule will permit. Students perform concerts as a full band.

Grade 6 Academic Assist

Prerequisite: None

Year Class - Required

6th Grade Academic Assist is a course that meets for 1 period each day, for a year. This class is time during the school day when a student is expected to go to a particular room in the school to study or to complete work assigned in other classes.

7th GRADE CORE AND REQUIRED COURSE DESCRIPTIONS

Grade 7 English Language Arts

Prerequisite: None

Year Class – Required

7th Grade Language Arts is a course that meets for 2 periods each day, all year. This course is a year-long class covering all four strands of the language arts course of study: reading, writing, listening/visual literacy, and oral communication. It provides an in-depth review of previously learned grammar concepts, as well as introducing students to new fundamentals of language. In addition to a study of the basic literary elements, students will discover how literature provides a basis for vocabulary enrichment and improvement of writing skills. Emphasizing the writing process, students have frequent opportunities to write for a variety of purposes.

Grade 7 English Language Arts S7

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

7th Grade Language Arts S7 is a course that meets for 2 periods each day, all year. The ELA curriculum includes direct, small group instruction of foundational Reading, Writing and Language skills that will be used to assist students in accessing grade level common core standards. Repeated practice and reteaching in skills such as basic reading decoding, word recognition, reading comprehension and the basic mechanics of writing will be provided. Students are given time for modeled, shared, assisted and independent reading and writing practice. Various approaches are used to integrate all components.

Grade 7 English Language Arts G7

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

7th Grade Gifted Language Arts G7 is a course that meets for 2 periods each day, all year. This course provides students with a challenging curriculum that is aligned to the Ohio Course of Study for English Language Arts. At the advanced level, students will use a wide variety of text to increase their use of critical thinking skills. The curriculum moves at an accelerated pace with a more concentrated focus on independent reading, writing, analysis, and research. Opportunities are provided for students to develop questioning and research strategies that assist them in organizing and presenting information in oral, visual, and written formats. Students will complete a research project which fits a yearly theme. The primary goals of the course are to foster independent learning and encourage in-depth exploration of the content.

Grade 7 Math

Prerequisite: None

Year Class – Required

7th Grade Math is a course that meets for 2 periods each day, all year. This mathematics course is vital in ensuring the long-term success of the 7th grade student. This year the students will learn simple number sense and the first year that they will truly apply these skills to problem solving in Algebra, Geometry and Statistics. Their high school years are filled with courses that test their critical thinking skills and their mastery of these skills, so we view this year as instrumental in their mathematical development. Thus, all the students will be challenged to raise their math skills to meet the state standards as shown by their performance on various assessments.

Grade 7 Math S7

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

7th Grade Math S7 is a course that meets for 2 periods each day, all year. This mathematics course is vital in ensuring the long-term success of the 7th grade student. This year the students will learn simple number sense and the first year that they will truly apply these skills to problem solving in Algebra, Geometry and Statistics. Their high school years are filled with courses that test their critical thinking skills and their mastery of these skills, so we view this year as instrumental in their mathematical development. Thus, all the students will be challenged to raise their math skills to meet the state standards as shown by their performance on various assessments. Students will also be given direct or small group instruction in the foundational skills necessary to access grade-level common core standards. These skills include addition and subtraction, multiplication and division, counting change, telling time and understanding how to appropriately answer a real-life word problem.

Grade 7 Pre-Algebra**Prerequisite: School Recommendation****Year Class – Required**

7th Grade Pre-Algebra is a course that meets for 2 periods each day, all year. This pre-algebra course is an introduction to basic algebra concepts and a review of arithmetic algorithms. The course emphasizes the concepts necessary to be successful in Algebra I and II. The course helps students develop good mathematical study skills and learning strategies. Students will explore algebraic expressions and integers, solve one-step, and multi-step equations and inequalities, decimals and equations, factors, fractions, exponents, operations with fractions, ratios, proportions, percents, linear functions and graphing, spatial thinking, area and volume, right triangles in Algebra, data analysis and probability, and nonlinear functions and polynomials.

Grade 7 Science**Prerequisite: None****Year Class – Required**

7th Grade Science is a course that meets for 1 period each day, all year. Students will learn: The Periodic Table of Elements, Acids and Bases, The Laws of Conservation of Energy and Matter, Thermal Energy, Waves including ocean waves, light and sound, Oceanography, Climate and Biomes, Populations of Organisms, Cycles in Nature, Photosynthesis and Moon phases, tides and eclipses.

Grade 7 Science S7**Prerequisite: Teacher/Team Recommendation****Year Class – Available as needed**

7th Grade Science S7 is a course that meets for 1 period each day, all year. Students will learn: The Periodic Table of Elements, Acids and Bases, The Laws of Conservation of Energy and Matter, Thermal Energy, Waves including ocean waves, light and sound, Oceanography, Climate and Biomes, Population of Organisms, Cycles in Nature, Photosynthesis and Moon phases, tides and eclipses, using Ohio's Extended Standards.

Grade 7 Social Studies**Prerequisite: None****Year Class – Required**

7th Grade Social Studies is a course that meets for 1 period each day, all year. This year long course addresses the 7th grade portion of Ohio's Academic Content Standards for Social Studies. This social studies course is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. All four social studies strands (History, Geography, Government, and Economics) are used to illustrate how historic events are shaped by geographic, social cultural, economic and political factors. Students develop their understanding of how ideas and events from the past have shaped the world today.

Grade 7 Social Studies S7**Prerequisite: Teacher/Team recommendation****Year Class – Available as needed**

7th Grade Social Studies S7 is a course that meets for 1 period each day, all year. This course is an integrated study of world history, beginning with ancient Greece and continuing through global exploration. Focusing on Ohio's Extended Standards, all four social studies strands (History, Geography, Government and Economics) are used to illustrate how historic events are shaped by geographic, social culture, economic and political factors, using Ohio's Extended Standards.

7th GRADE ELECTIVE COURSE DESCRIPTIONS

Grade 7 Physical Education Health

Prerequisite: None

Semester Class – Elective

7th Grade Physical Education is a course that meets for 1 period each day, for a semester. Physical Education course objectives will be accomplished through physical activities such as: lifetime sports and team sports, supplemental activities, muscular endurance, flexibility and physical fitness. Positive social interaction among students will be stressed. A special emphasis will be placed on the knowledge of physical fitness principles and participation in activities designed to improve fitness levels. Evaluation is based on the State of Ohio Physical Education Standards as well as effort, homework, projects, group projects and tests. Studies in health education will be centered on the social, mental and physical aspects of health.

Grade 7 Art

Prerequisite: None

Semester Class – Elective

7th Grade Art is a course that meets for 1 period each day, for a semester. Students will experience drawing, painting, printmaking, collage, and clay while learning about art throughout different time periods and cultures. Students will learn about the elements of art while creating realistic and expressive artwork.

Grade 7 Computer Science Discoveries

Prerequisite: None

Semester Class – Elective

7th Grade Computer Science Discoveries is a course that meets for 1 period each day, for a semester. 7th Grade Computer Science Discoveries is an introductory computer science course. Mapped to CTSA standards, the course takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

Grade 7 Chorus

Prerequisite: None

Semester Class – Elective

7th Grade Chorus is a course that meets for 1 period each day, for a semester. 7th Grade Chorus requires no choral experience, but builds on aspects taught at the sixth-grade level including vocal warm-ups, part singing, vocal technique, stage presence/performance, note reading, utilizing the solfege system, and musicianship skills. Students will continue to explore the foundations of healthy choral singing through exercises that focus on breathing, phonation, resonance, diction, musical literacy, expressiveness, and musicality. Students will further improve these skills through a diverse repertoire of music used for performance and instruction. Students will expand musical knowledge for cultural and historical influences to music. Students will use solfege syllables to learn note reading and pitch. Students will learn in large group rehearsals and sectional rehearsals. Students should be prepared to work on individual and group assignments as part of their daily participation. Students are required to perform as a full choir in two concerts per semester.

Grade 7 Intro to Family & Consumer Sciences

Prerequisite: None

Semester Class – Elective

7th Grade Intro to Family & Consumer Sciences is a course that meets for 1 period a day for a semester. This introductory course will provide students with an overview of the major content areas of Family and Consumer Sciences. Students will be introduced to introductory financial literacy, consumer economic principles, and career investigation. Students will be introduced to concepts of design through textiles as they develop basic sewing skills. Basic food safety and sanitation techniques will be emphasized as students gain knowledge and experience by preparing foods using a variety of cooking methods in the lab setting. Throughout the course, students will develop communication, teamwork, leadership, citizenship, and other interpersonal skills and character traits that will lead to healthy relationships – both personal and professional.

Grade 7 Band**Prerequisite: None****Year Class – Elective**

7th Grade Band is a course that meets for 1 period each day, all year. Seventh Grade Band activities include several concerts that take place outside of the school day and possible marching performances. Class work and student evaluation includes training in large ensemble rehearsal skills, preparation and performance of band literature, and technical development of basic instrumental music skills. Private lessons and participation in the OMEA Solo and Ensemble Contest are encouraged. Basic marching skills will also be taught.

Grade 7 Academic Assist**Prerequisite: None****Year Class – Required**

7th Grade Academic Assist is a course that meets for 1 period each day, all year. This class is time during the school day when a student is expected to go to a particular room in the school to study or to complete work assigned in other classes.

8th GRADE CORE AND REQUIRED COURSE DESCRIPTIONS

Grade 8 English Language Arts

Prerequisite: None

Year Class – Required

8th Grade Language Arts is a course that meets for 2 periods each day, all year. This Language Arts course covers all four strands of language arts: reading, writing, listening/visual literacy, and oral communication. Students will read a wide variety of literature, including a novel and several choice books, and study grammar concepts regularly.

Grade 8 English Language Arts S8

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

8th Grade Language Arts S8 is a course that meets for 2 periods each day, all year. The ELA curriculum includes direct, small group instruction of foundational Reading, Writing and Language skills that will be used to assist students in accessing grade level common core standards. Repeated practice and reteaching in skills such as basic reading decoding, word recognition, reading comprehension and the basic mechanics of writing will be provided. Students are given time for modeled, shared, assisted and independent reading and writing practice. Various approaches are used to integrate all components.

Grade 8 English Language Arts G8

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

8th Grade Gifted Language Arts G8 is a course that meets for 2 periods each day, all year. This course provides students with a challenging curriculum that is aligned to the Ohio Course of Study for English Language Arts. At the advanced level, students will use a wide variety of text to increase their use of critical thinking skills. The curriculum moves at an accelerated pace with a more concentrated focus on independent reading, writing, analysis, and research. Opportunities are provided for students to develop questioning and research strategies that assist them in organizing and presenting information in oral, visual, and written formats. Students will complete a research project which fits a yearly theme. The primary goals of the course are to foster independent learning and encourage in-depth exploration of the content and build the skills necessary for the transition to high school.

Grade 8 Pre-Algebra

Prerequisite: None

Year Class – Required

8th Grade Pre-Algebra is a course that meets for 2 periods each day, all year. This course covers each of the 8th grade Ohio Learning Standards. Instructional time 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. Students completing 8th Grade Pre-Algebra are ready to move on to High School Algebra 1.

Grade 8 Pre-Algebra S8

Prerequisite: Teacher/Team Recommendation

Year Class – Available as needed

8th Grade Pre-Algebra S8 is a course that meets for 2 periods each day, all year. This course covers each of the 8th grade Ohio Learning Standards. Instructional time 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. Students completing 8th Grade Pre-Algebra are ready to move on to High School Algebra 1. Students will also be given direct or small group instruction in the foundational skills necessary to access grade-level common core standards. These skills include addition and subtraction, multiplication and division, counting change, telling time and understanding how to appropriately answer a real-life word problem.

Grade 8 Algebra 1A/1B**Prerequisite: School Recommendation****1 High School credit - Year Class – Required**

8th Grade Algebra 1A/1B is a course that meets for 2 periods each day, all year. This is a High School level mathematics course. You will receive .5 credit for each of the two semesters completed with a passing grade. Students will take the Ohio State Algebra 1 end of course exam which will apply to their total graduation testing points. This course is designed to follow the Common Core State Standards. It stresses both the structure of algebra and the development of mathematical reasoning and problem-solving skills. Relationships that are a) numerical, b) graphical, and c) algebraic will be stressed. Specific units of instruction will include: a) Relationships Between Quantities and Reasoning with Equations, b) Linear and Exponential Relationships, c) Descriptive Statistics, d) Expressions and Equations, and e) Quadratic Functions and Modeling.

Grade 8 Science**Prerequisite: None****Year Class – Required**

8th Grade Science is a course that meets for 1 period each day, all year. This course introduces students to concepts in physical, life, and earth science. Topics of study include: nature of science, forces and motion, earth science, and heredity and survival. This course is a challenging class that is designed to encourage critical thinking skills, problem solving, scientific reasoning, and to push students to make connections between various science disciplines.

Grade 8 Science S8**Prerequisite: Teacher/Team Recommendation****Year Class – Available as needed**

8th Grade Science S8 is a course that meets for 1 period each day, all year. This course introduces students to concepts in physical, life, and earth science. Topics of study include: nature of science, forces and motion, earth science, and heredity and Survival using Ohio's Extended Standards.

Grade 8 Social Studies**Prerequisite: None****Year Class – Required**

8th Grade Social Studies is a course that meets for 1 period each day, all year. This course provides a rigorous and differentiated investigation of American History from 1492 to 1877: Exploration through Civil War Reconstruction. Students will evaluate primary/secondary source documents, analyze and cite informational text to support points of view, learn personal and government economics, understand how geography shapes historic events, and know the principles upon which the American Constitution is founded. Throughout the year, current events will be discussed and students will be encouraged to discover how past and present events are interconnected.

Grade 8 Social Studies S8**Prerequisite: Teacher/Team Recommendation****Year Class – Available as needed**

8th Grade Social Studies S8 is a course that meets for 1 period each day, all year. Focusing on the Ohio Extended Standards. The 8th Grade Social Studies S8 class provides a rigorous and differentiated investigation of American History from 1492-1877.

8th GRADE ELECTIVE COURSE DESCRIPTIONS

Grade 8 Physical Education

Prerequisite: None

.25 High School credit - Semester Class – Elective

8th Grade Physical Education is a course that meets for 1 period each day, for a semester. You will have the option to receive .25 high school credit for Physical Education. Physical Education is a class that strives to instill appreciation of the valuable effects of fitness. Students will be expected to participate in team sports, conditioning, lifetime activities and lead up games. Since you must actively be participating to gain the benefits of physical activity, participation is essential. The credit will include participation, proper dress, rule knowledge testing and fitness evaluation. Students will be expected to successfully interact in a variety of situations with other students. The successful interaction is essential since the classes are made up of students with diversified experiences and abilities.

Grade 8 Phys Ed Health 8

Prerequisite: None

Semester Class – Elective

8th Grade Phys Ed Health 8 a course that meets for 1 period each day, for a semester. **You will not** earn High School credit for this course. Physical Education 8 is a course that strives to instill appreciation of the valuable effects of fitness. Students will be expected to participate in team sports, conditioning, lifetime activities and lead up games. Since you must actively be participating to gain the benefits of physical activity, participation is essential along with proper dress, rule knowledge, testing and fitness evaluation. Students will be expected to successfully interact in a variety of situations with other students. The successful interaction is essential since the classes are made up of students with diversified experiences and abilities.

Grade 8 Art

Prerequisite: None

Semester Class – Elective

8th Grade Art is a course that meets for 1 period each day, for a semester. Students in this course will experience drawing, painting, printmaking, collage, and clay while learning about art throughout different time periods and cultures. Students will learn about the elements of design while creating realistic and expressive artwork.

Grade 8 Computer Science Discoveries

Prerequisite: None

Semester Class – Elective

8th Grade Computer Science Discoveries is a course that meets for 1 period each day, for a semester. Although this course is a continuation of the 7th grade Computer Science Discoveries course, students are not required to have taken Computer Science 7 first. This course is mapped to CTSA standards and takes a wide lens on computer science by covering topics such as problem solving, programming, physical computing, user centered design, and data, while inspiring students as they build their own websites, apps, animations, games, and physical computing systems.

Grade 8 Computer Science Productions Lab

Prerequisite: None

Semester Class – Elective (Spring 2023)

8th Grade Computer Science Productions Lab is a course that meets 1 period a day for 1 semester. The course is designed to enable and encourage student content creation and sharing and will give students an introduction to video capture & editing, livestreaming, field production, set etiquette and production work flow including post production, and exporting the finished product. The class will create, stream, and post daily school announcements. Evaluation is based on the State of Ohio Technology Learning Standards, as well as effort, projects, group projects and assessments.

Grade 8 Chorus**Prerequisite: None****Semester Class – Elective**

8th Grade Chorus is a course that meets for 1 period each day, for a semester. 8th Grade Chorus requires no choral experience, but focuses greatly on aspects taught at the sixth and seventh grade level including vocal warm-ups, part singing, vocal technique, stage presence/performance, note reading, utilizing the solfege system, and musicianship skills. Students will be expected to utilize the foundations of healthy choral singing, including proper breathing, phonation, resonance, diction, musical literacy, expressiveness, and musicality. Students will further improve these skills through an advanced, diverse repertoire of music used for performance and instruction. Students will expand musical knowledge for cultural and historical influences to music. Students will use solfege syllables to build on their skills in note reading and pitch audiation. Students will learn in large group rehearsals and sectional rehearsals. Students should be prepared to work on individual and group assignments as part of their daily participation. Students are to perform as a full choir in two concerts per semester.

Grade 8 Band**Prerequisite: None****Year Class– Elective**

8th Grade Band is a course that meets for 1 period each day, all year. Students in this class will study and perform middle school music. Activities include several concerts that take place outside of the school day and possible marching opportunities. The 8th Grade Band also performs with the DHS Marching Band at a home football game. Class work and student evaluation includes training in large ensemble rehearsal skills, preparation and performance of band literature, and technical development of basic instrumental music skills. Basic marching skills will also be developed.

Grade 8 Spanish 1A/1B**Prerequisite: School Recommendation and all A's on your grade card during your 7th grade year.****1 High School credit -Year Class – Elective**

Spanish 1A/1B is a course that meets for 1 period each day, all year. You will receive 1 high school credit for the completion and passing of Spanish 1A/1B (.5 credit earned at the end of each semester). This yearlong course is the first level of Spanish study and is designed to introduce students to both the Spanish language and the culture of the Spanish-speaking world. Students will be assessed using the Ohio World Language Standards of Communication and proficiency-based grading to show what they can do in the modes of communication (interpretive, interpersonal, presentational) and with culture (the how, what, and why of the new culture and your own). The aim of this class is to introduce students to the four elements of language study: listening, speaking, reading, and writing while studying four relevant, real-world theme based units.

Grade 8 Academic Assist**Prerequisite: None****Year Class - Required**

8th Grade Academic Assist is a course that meets for 1 period each day, all year. This class is time during the school day when a student is expected to go to a particular room in the school to study or to complete work assigned in other classes.