MIDDLE SCHOOL ACADEMIC PROGRAMS
2025 - 2026

DUBLIN
CITY SCHOOLS

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DUBLIN CITY SCHOOLS

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DUBLIN
CITY SCHOOLS



Dear Students,

Dublin City Schools is proud to present the 2025-2026 Middle School Academic Programs designed to help you learn about the educational opportunities afforded to you as you prepare for high school. This document contains information about required core subjects and related arts courses that you will find interesting and challenging.

As you schedule your courses for next year, I encourage you to seek the advice of your current teachers and the guidance of your academic counselor. Please take advantage of the invaluable resources to enhance your decision-making process.

I wish you the best of luck with all of your middle school experiences.

Sincerely,

John Marschhausen
Superintendent

The Dublin City School District will ensure that every student is prepared for success.
-Journey 2030

OHIO ACADEMIC CONTENT STANDARDS
Dublin City Schools middle school students take courses that are aligned to Ohio's Learning Standards. These standards explain the knowledge students should know and the skills Ohio students should be able to do in pre-kindergarten through grade 12. Ohio's Learning Standards instill life-long learning by providing essential knowledge and skills—qualities most sought by today's employers. All five Dublin middle schools are dedicated to designing learning experiences in a supportive and engaging classroom environment that will prepare students for future success.

The Middle School Academic Program consists of a group of required core academic courses and additional non-core courses that allow students to explore a variety of pathways and topics. Through this programming, students are taught varied levels of skill while also having an opportunity to explore a wide variety of options in visual arts, communications, performing arts, wellness, and STEAM. Students in middle school will experience academic support that allows for individualized growth and learning.

The middle school schedule and course offerings are evaluated annually to provide our Dublin middle school students with world-class instruction and a well-rounded education.

CORE ACADEMIC COURSES
All middle school students take four core academic classes daily for the entire year. These courses are: English Language Arts, Mathematics, Social Studies and Science.

The Middle School Experience

THE 6TH GRADE EXPERIENCE
6th grade is a time of transition for students. Sixth graders take their four core academic courses, performing arts, visual arts, physical education and a modern literacy foundational course. 6th grade offers an introduction to elective choices that support student's individual academic needs.

THE 7TH GRADE EXPERIENCE
7th grade is a good time for students to explore new areas of study. In addition to their four core academic courses, students will experience three additional electives, exposing them to new content. All 7th graders will learn more about their own aptitudes and interests in their Prepared for Success course. 7th grade programming supports students in preparing for the choices they will make in future years.

THE 8TH GRADE EXPERIENCE
8th graders take their 4 core academic courses, but also have the opportunity to select 1 or 2 other full year options, filling in the rest of their schedule with a mix of required and choice trimester courses. Students have the opportunity to take High School level courses in Science, World Language and Math.

MIDDLE SCHOOL ADVISORY
Advisory is a year-long program for grades six through eight. Through small supportive communities, students participate in schoolwide activities and learning that builds belonging and school culture.

SCHEDULING PROCESS
Scheduling activities take place each winter and spring to assist students in selecting appropriate courses for the next school year. Scheduling materials are available on the district website as well as distributed by the middle schools. Teachers and school counselors are available to advise students and families regarding course selections.

Middle School is a good time for students to consider their balance of academics and other clubs, sports and activities. Dublin City Schools encourages all students to get involved in extracurricular activities. Please consider this balance as you schedule your academic courses to become a well rounded student.

Please make note that while we make every attempt to schedule students into their first choices, classroom capacities exist and can limit the number of students who can take any given course. The district works over the summer to ensure efficient use of resources and plans around students' initial course selections, therefore students will be encouraged to persevere in the courses they have been assigned in the fall.

Grading Scale		
A	93-100	4.00
A-	90-92	3.67
B+	87-89	3.33
B	83-86	3.00
B-	80-82	2.67
C+	77-79	2.33
C	73-76	2.00
C-	70-72	1.67
D+	67-69	1.33
D	63-66	1.00
D-	60-62	0.67
F	59-below	0.00

High School Course Details

The below details are important for middle school students taking high school credited classes, particularly at the grade 8 level.

HIGH SCHOOL GRADE REPLACEMENT
Students are permitted to retake any high school credit class to replace credit; however, students cannot earn credit twice for the same course. Replacement credit is only earned through taking a course in Dublin City Schools to replace its equivalent course. Both grades that a student earns in a replaced course remain on the transcript; however, the lower grade is not calculated in the student's GPA and the credit is removed. Students can obtain a grade replacement form from their school counselor.

WORLD LANGUAGE COURSE INFORMATION
High School Spanish I is scheduled at all Dublin middle schools. Students taking French, German, Japanese or Chinese have access to high school transportation before the first period. Please note that high school bus routes are different from middle school bus routes and neighborhoods that walk to high school do not have buses provided. All World Language students will be bussed from high school to their middle school. Students will begin their day at the middle school with 2nd period. Whenever staffing and space allows, language courses may be scheduled at the middle school.

Students whose pathways include high school level courses (Algebra 1, Geometry, Physical Science and Level 1 World Language) should be aware that these courses adhere to high school rules and deadlines.

DATES FOR ADDING AND DROPPING HIGH SCHOOL CLASSES
Parents and students should understand that High School courses are more rigorous than Middle School level courses. The school will adhere strictly to the level change drop deadlines in the High School Academic Programs and Pathways. Please understand that schedule changes may not be possible regardless of circumstances.

ADD: The last day to add a credit-bearing yearlong course is: August 21, 2025.

WITHDRAWAL: The window to withdraw from a credit-bearing course is August 19, 2025 – October 29, 2025 (notation of the course will be expunged from the transcript).

GRADE 6 ACADEMIC PROGRAM

All 6th graders take the following Core Academic Classes	
English Language Arts	**605** Language Arts 6
Mathematics	**611** Math 6 **Students who have successfully completed Math 5-6 may select **711** Math 7 or **712** Math 7-8*
Science	**613** Science 6
Social Studies	**615** Social Studies 6

*For qualifying students only.

All 6th graders will be assigned the following trimester classes		
660 Art 6	**665** Physical Education 6	**670** Modern Literacy 6

A Day/B Day Selections- *Courses are year-long on alternate days*
All 6th graders will be assigned **695 Study Center 6**.
Select 1 *option from below.* **640** Band 6^ (640B Brass, 640W Woodwind, 640P Percussion) **645** Choir 6^ **650** Orchestra 6^, Level 1 (650U Viola/Violin, 650L Bass/Cello) **655** Orchestra 6^, Level 2 (For those who participated in 5th grade strings) (655U Viola/Violin, 6505L Bass/Cello)

^Students need special permission to take 2 music courses as the schedule may not allow.
NOTE: Students selecting Band and/or Orchestra 6 will need to attend an instrument fitting. Dates will be included in school newsletters during scheduling season.

6th graders will select 3 of the following trimester classes *Please note that students may be assigned additional support classes in place of these trimester options. *DCS English Learners should see page 23 for additional details.*		
680 Leadership & Service 6	**674** Video & Communications 6	**635** Creative Mindsets 6
696 Study Center 6 (repeatable)	**678** Global Studies 6	

Grade 6 Course Descriptions

605 Language Arts 6

In 6th Grade Language Arts students will embark on a journey of self-discovery through reading, writing, speaking and listening. The course is aligned to *Ohio's Learning Standards* and stresses the independent use of reading strategies to comprehend and respond to a variety of literary and informational texts. In addition, this course emphasizes the writing process and vocabulary acquisition through practice and explicit instruction.

611 Mathematics 6

Mathematics 6 students 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.

613 Science 6

6th Grade Science engages students in scientific inquiry as they explore topics in Earth, Physical and Life Sciences. In this course, students will learn to describe rocks, minerals and soil that make up Earth's lithosphere, applying the content by inferring past, present and future environments on Earth. They will study the basics of the Modern Cell Theory, recognizing that all living organisms are made of cells that carry on functions to sustain life. Students also investigate the foundational concepts of the nature of matter; that the atom makes up all objects with mass. They will explore introductory concepts of motion and energy, specifically learning about potential and kinetic energy and ways to describe and graph the motion of objects.

615 Social Studies 6

6th Grade Social Studies 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 an understanding of the role of consumers and the interaction of markets, resources and competition.

640B/W/P Band 6 (640B Brass, 640W Woodwind, 640P Percussion)

During the initial phases of the 6th grade band experience, 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 permits. Students perform concerts as a full band. Concert attendance is a course requirement.

Students should attend an instrument fitting in the winter (see district email updates for dates) and select B, W or P codes based upon instrument choice.

645 Choir 6

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 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 use solfege to learn note reading and pitch. Instruments may be used to enhance the songs. Students should be prepared to work on individual and group assignments as part of their daily participation. Concert attendance is a course requirement.

Orchestra 6 (Levels 1 and 2)

650U/L Level 1 is for beginning students and focuses on learning the fundamental skills needed to perform. Students may choose to play violin, viola, cello, or bass. Concert attendance is a course requirement. (650U Viola/Violin, 650L Bass/Cello)

Students should attend an instrument fitting in the winter (see district email updates for dates) and select U (violin/viola) or L(bass/cello) codes based upon instrument choice.

655U/L Level 2 is for students who participated in 5th grade orchestra. Students in this class continue to improve the string playing skills acquired in 5th grade and begin to develop ensemble skills. Students will perform as a string orchestra. Concert attendance is a course requirement. (650U Viola/Violin, 650L Bass/Cello)

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660 Art 6 (Trimester)

In this trimester class, students will apply the underlying elements and principles of visual art as they develop their skills in *Drawing, Sculpture, Painting, Printmaking and Ceramics*. While making their own artwork, the students will be introduced to artists who have worked in these areas. This hands-on class enriches student understanding of art as they explore a wide scope of historic and contemporary art from diverse cultures.

665 Physical Education 6 (Trimester)
Physical Education 6 is a trimester course that focuses on the development of basic skills needed to be successful in a variety of different physical activity settings. The different settings include: invasion, net/wall, striking/fielding, and target games. The students will complete part of the Ohio Physical Education Assessments during this trimester. In accordance with National Standards, students will actively participate, demonstrate responsible behavior, and show positive sportsmanship. Students will recognize and follow safety rules and classroom procedures, respect others, and try new and challenging activities.

670 Modern Literacy 6 (Trimester)
Modern Literacy 6 is a trimester course designed to empower students to think critically, behave safely, and participate responsibly in our digital world, including an introduction to understanding Artificial Intelligence (AI). Students will engage with computer science as a medium for creativity, communication, problem solving, and fun.

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680 Leadership & Service 6 (Trimester)
This class is designed to build future leaders who impact the school and wider community. Through both leadership training and passion driven projects, students will gain empathy and recognize need within the service community.

674 Video & Communications 6 (Trimester)
Students will focus on public speaking and listening skills through a variety of communication formats including, but not limited to: podcasting, debate, video creation, and TEDTalks. Social Media safety will also be emphasized.

635 Creative Mindsets 6 (Trimester)
Creative Mindsets will immerse students in project based learning focused on creative problem solving. Taught by a gifted intervention specialist, and open for all learners, this course allows students to think critically and deepen understanding through exploration.

678 Global Studies 6 (Trimester)
Global Studies explores the world through a lens of culture. With emphasis on how cultures are connected and different, students will understand the global nature of society, geography, and daily life experiences. Global Studies helps students gain an appreciation for the people that make up our world.

Dublin City Schools offers math and literacy connections for students who qualify based upon a data review. These interventions offer more time and support in core areas of study for select students. Students assigned to this intervention will receive communication from their school.

GRADE 7 ACADEMIC PROGRAM

All 7th graders take the following Core Academic Classes	
English Language Arts	**705** Language Arts 7
Mathematics	**711** Math 7 or **712** Math 7-8 *Students who have taken the above options will be placed in the next course in their math sequence*
Science	**713** Science 7
Social Studies	**715** Social Studies 7

All 7th graders will be assigned the following trimester classes		
767 Health 7	**765** Physical Education 7	**770** Prepared for Success 7

A Day/B Day Selections ***Select 2*** *options from below. Courses are year-long on alternate days.*	
740 Band 7^ (740B Brass, 740W Woodwind, 740P Percussion)	**745** Choir 7^
750 Orchestra 7^ (750U Viola/Violin, 750L Bass/Cello)	**795** Study Center 7 (repeatable**)

^Students need special permission to take 2 music courses as the schedule may not allow.
**Students are only permitted to take 1 period of study center per day unless special permission is granted.

All 7th graders will select 3 of the following trimester classes *Seats may be limited and every effort will be made to allow students their top selections.* *Please note that students may be assigned additional support classes in place of these trimester options. DCS English Learners should see page 23 for additional details.*		
772 Digital Literacies 7	**774** Video & Communications 7	**776** App Creators 7
760 Drawing, Painting, & Collage 7	**778** Global Studies 7	**780** Leadership & Service 7
782 Medical Detectives 7	**762** 3D Art 7	**796** Study Center 7 (repeatable**)
	735 Creative Mindsets 7	

**Students are only permitted to take 1 period of study center per day unless special permission is granted.

Grade 7 Course Descriptions

705 Language Arts 7

Grade 7 English Language Arts infuses a variety of texts and media to help students understand their place in the world by studying the past and present and connecting it to the world around them. The study of a variety of literary genres, nonfiction, written communication, oral communication, grammar and word study (including roots and affixes) are emphasized. Students are given multiple opportunities to craft a variety of narrative pieces, informational texts, and arguments. The course is aligned to *Ohio's Learning Standards.* Students are given time for modeled, shared, assisted and independent reading and writing practice.

711 Mathematics 7

Mathematics 7 students engage in learning through four critical areas: (1) developing understanding of and applying proportional relationships; (2) developing understanding of operations with rational numbers and working with expressions and linear equations; (3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and (4) drawing inferences about populations based on samples. This course is aligned to Ohio's Learning Standards for Mathematics and the 8 Standards for Mathematical Practice.

712 Mathematics 7-8

This course is an accelerated math option open to students who are highly interested and motivated in mathematics. Students should possess strong math abilities, as this course moves at a quick instructional pace. This course will offer content focused around the same critical components of Math 7 and Math 8 in one year's worth of time. The content will include instructional time focused 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. A scientific calculator is required. This course is aligned to Ohio's Learning Standards for Mathematics and the 8 Standards for Mathematical Practice.

715 Social Studies 7

7th Grade Social Studies is an integrated study of world history beginning with Ancient Greece and continuing through global exploration (750 B.C. to 1600 A.D). Students understand how historical 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. In order to develop the knowledge and skills needed for economic success in the future, topics related to financial literacy will be incorporated into the course.

713 Science 7

7th Grade Science engages students in scientific inquiry with a focus on Earth's systems. The curriculum covers earth, physical and life science concepts. Students will gain an understanding of the Periodic Table of Elements and the Law of Conservation as they explore the cycling of matter through Earth's spheres. They will develop an understanding of heat energy transfer between the atmosphere and hydrosphere in their study of the water cycle, atmospheric and ocean currents. Energy transfers through electric circuits, ecosystems and waves will also be investigated. Students will develop an awareness of the factors affecting climate and biomes. Additionally, students will gain perspective of the predictable patterns of motion experienced by the Earth and Moon, contributing to tides and other cyclical events.

740B/W/P Band 7 (740B Brass, 740W Woodwind, 740P Percussion)

During the 7th grade year, students continue to develop the individual skills acquired during the first year of study as well as begin the development of ensemble skills. The focus is on group instruction in the full band experience. Individual progress remains an important goal as well. Students at this level are encouraged to participate in the Ohio Music Educator's Solo and Ensemble Contest. Concert attendance is a requirement.

745 Choir 7

Students will continue to explore and build on the foundations of healthy choral singing through exercises that focus on breathing, phonation, resonance, diction, musical literacy, expressiveness and musicality. Students will expand musical knowledge and consider cultural and historical influences on music. Students in choir use solfege to learn note reading and pitch as well as learn songs in unison, 2-parts, or 3-parts. Concert attendance is a requirement.

750U/L Orchestra 7 (750U Viola/Violin, 750L Bass/Cello)

Students enrolled in 7th grade strings continue to advance their string playing skills acquired in 6th grade. The focus is on performing as an orchestra and improving individual string playing skills. Students are encouraged to participate in small group ensembles. Concert attendance is a requirement.

767 Health 7 (Trimester)
This trimester course is designed to promote responsible decision-making resulting in healthy lifestyle choices. Areas of emphasis are: mental, emotional and social health; body systems; substance abuse and awareness, including the dangers of drug use leading to addiction(alcohol, tobacco, marijuana, vaping, and opioids); and nutrition and lifetime fitness.

765 Physical Education 7 (Trimester)
Physical Education 7 is a trimester course that focuses on applying knowledge of concepts, strategies, and tactics in different physical activity settings, including: fitness, invasion games, and other activities. Students will complete part of the Ohio Physical Education Assessments. In accordance with National Standards, students actively participate, demonstrate responsible behavior and show positive sportsmanship. Students will recognize and follow safety rules and classroom procedures, respect others, and try new, challenging activities.

770 Prepared for Success 7 (Trimester)
This trimester course is designed to give students exposure to career pathways while supporting their development of durable skills for future success. Students will explore their interest and aptitude through a tool called YouScience.

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760 Drawing, Painting, and Collage 7 (Trimester)
In this trimester course, students continue to learn about and apply intermediate elements and principles of visual art as they develop skills in *Drawing, Painting, Printmaking and Collage*. While making their artwork, the students are introduced to artists who have worked in these areas. This hands-on class enriches student understanding of art as they explore a wide scope of historic and contemporary art from diverse cultures.

772 Digital Literacies 7 (Trimester)
Students will learn literacy skills through a lens of writing in various formats as students explore blogging, safe and productive use of Artificial Intelligence, web design, effective research, poetry and infographics.

774 Video & Communications 7 (Trimester)
Students will focus on public speaking and listening skills through a variety of communication formats including, but not limited to: podcasting, debate, video creation, and TEDTalks. Social Media safety will also be emphasized.

776 App Creators 7 (Trimester)
App Creators uses a Project Lead the Way (PLTW) curriculum that introduces students 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. Students experience the positive impact of the application of computer science to society as well as other disciplines, particularly biomedical science. This course uses a Project Lead the Way (PLTW) Curriculum.

778 Global Studies 7 (Trimester)

Global Studies explores the world through a lens of culture. With emphasis on how cultures are connected and different, students will understand the global nature of society, geography, and daily life experiences. Global Studies helps students gain an appreciation for the people that make up our world.

780 Leadership & Service 7 (Trimester)

This class is designed to build future leaders who impact the school and wider community. Through both leadership training and passion driven projects, students will gain empathy and recognize need within the service community.

782 Medical Detectives 7 (Trimester)

In Medical Detectives, 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. This course uses a Project Lead the Way (PLTW) Curriculum. Please note that this course is also offered in 8th grade and students will only be permitted to select it one time during their middle school experience.

762 3D Art 7 (Trimesters)

In 3D Art, students continue to learn about and apply intermediate elements and principles of visual art as they continue to develop skills in sculpture and ceramics. While making their artwork, the students are introduced to artists who have worked in these areas. This hands-on class enriches student understanding of art as they explore a wide scope of historic and contemporary art from diverse cultures.

735 Creative Mindsets 7 (Trimester)

Creative Mindsets will immerse students in project based learning focused on creative problem solving. Taught by a gifted intervention specialist, and open for all learners, this course allows students to think critically and deepen understanding through exploration.

Dublin City Schools offers math and literacy connections for students who qualify based upon a data review. These interventions offer more time and support in core areas of study for select students. Students assigned to this intervention will receive communication from their school.

GRADE 8 ACADEMIC PROGRAM

All 8th graders take the following Core Academic Classes	
English Language Arts	**805** Language Arts 8
Mathematics	**811** Math 8 (students who have taken the above option will be placed in the next course in their math sequence)
Science	**813** Science 8 or **205** Telescoped Science 8/Physical Science (HS Credit)
Social Studies	**815** Social Studies 8

All 8th graders select 2 year-long classes from the following *Seats may be limited and every effort will be made to allow students their top selections.*		
World Language I (HS credit) See descriptions for course codes	**840** Band 8^ (840B Brass, 840W Woodwind, 840P Percussion)	**850** Orchestra 8^ (850U Viola/Violin, 850L Bass/Cello)
845 Choir 8^	**862** Art & Design 8	**870** STEAM 8
	895 Study Center 8**	

^Students need special permission to take 2 music courses as the schedule may not allow.
**Students are only permitted to take 1 period of study center per day unless special permission is granted.

All 8th graders will be assigned the following trimester class
867 Health 8

All 8th graders will select 2 of the following trimester classes *Seats may be limited and every effort will be made to allow students their top selections.* *Please note that students may be assigned additional support classes in place of these trimester options. *DCS English Learners should see page 23 for additional details.*	
882 Medical Detectives 8	**860** Art 8
896 Study Center 8 (repeatable**)	**865** Physical Education 8

**Students are only permitted to take 1 period of study center per day unless special permission is granted.

Grade 8 Course Descriptions

805 Language Arts 8

In Grade 8 English Language Arts, students will participate in a variety of reading and writing opportunities that build empathy and explore human experiences. The course is aligned to *Ohio's Learning Standards.* Students will study a variety of literary genres and informational texts, while practicing written and oral communication, grammar and word study.

811 Mathematics 8

Mathematics 8 students engage in learning through 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. This course is aligned to Ohio's Learning Standards for Mathematics and the 8 Standards for Mathematical Practice.

328 Algebra 1*

Mathematicians in this course will build upon prior knowledge of linear functions to extend algebraic problem solving to quadratic and exponential relationships. Students will engage in methods for analyzing, solving, and modeling with these functions. Students will graph and interpret characteristics of functions and solve both algebraically and graphically. Students will reason with equations and inequalities, with a focus on modeling. This course will include a study of descriptive statistics during which students will display numerical data and summarize it using measures of center and variability. The GAISE model will support students as they interpret the results in a real-world context. A TI-84+ calculator is recommended for this course.

*Enrollment in this class will result in a grade and credit on a high school transcript for Algebra 1.

342 Geometry*

Mathematicians in this course will explore complex geometric situations and deepen their explanations of geometric relationships moving towards formal mathematical arguments. This course builds on congruence and similarity concepts introduced in previous courses. Students develop their understanding and use of proof, both formal and informal. Students focus learning in trigonometry, circles, and connecting coordinates to both algebra and geometry concepts. Students further develop concepts in probability, expanding their ability to compute

and interpret theoretical and experimental probabilities. A compass and protractor are required for this course and a TI-84+ calculator is recommended.

*Enrollment in this class will result in a grade and credit on a high school transcript for Geometry.

813 Science 8

8th Grade Science engages students in scientific inquiry with a focus on Earth, Physical and Life Science content. Throughout this course, students will explore the Earth's continually changing surface. They will describe Earth's interior, the patterns of change to Earth's surface and the theory of plate tectonics, focusing on the evidence that exists to support all three. Students will use physical science concepts to support their understanding of Earth as they investigate forces, motion, and energy, building on the foundational knowledge gained in 6th and 7th grade science courses. Students will also investigate how changes to Earth's surface impact the organisms that live on Earth. They will explore the diversity of species that exist on Earth and gather evidence of changes to life forms as they examine the fossil record. They will focus on the importance of reproduction and environmental factors to ensure the continuation of all species. The course is aligned to Ohio's Academic Content Standards and serves as a strong foundation for future science coursework and Ohio's State Assessment in Science in the spring of the 8th grade year.

205 Telescoped Science 8 /Physical Science*

The Accelerated Physical Science course covers two years of science learning in one as students receive high school credit for Physical Science and master the 8th grade science content. Interested students should possess strong science and math skills and the ability to apply their knowledge to new experiences in order to support the accelerated pace of this course. The course covers the Science 8 topics listed above, as well as the high school Physical Science curriculum where students participate in the fields of chemistry and physics. Topics of study include motion, astronomy, thermodynamics, sound, light, energy transformations, chemistry of the periodic table, and conservation principles. Physical Science is an activity driven course with an inquiry approach that provides both a meaningful and relevant explanation of the physical world. The course is aligned to Ohio's Academic Content Standards and serves as a strong foundation for future science coursework. Students in this course will take Ohio's State Assessment in Science covering Science 8 content in the spring of their 8th grade year.

*Enrollment in this class will result in a grade and credit on a high school transcript for Physical Science. The pace of this course will be accelerated.

815 Social Studies 8

8th Grade Social Studies continues the historical focus with the study of European exploration and the early years of the United States (1492 to 1877). All four social studies strands are incorporated into a chronological view of the development of the United States. Students will examine how historic events are shaped by geographic, social, cultural, economic and political factors. In order to develop the knowledge and skills needed for economic success in the future, topics related to financial literacy will be incorporated into the course.

World Languages*:
095 Spanish I, 078 French I, 070 German I, 100 Japanese I, 105 Chinese I

Level I language courses provide an introduction to each language and an overview of the cultural background of its speakers. Emphasis is placed on effective communication, acquiring proficiency in the target language, as well as on developing an appreciation for other cultures. Listening, speaking, reading, and writing are used to provide students an opportunity to develop the confidence and skills necessary to comprehend language and to express themselves at a basic level in the target language.

*Enrollment in this class will result in a grade and credit on a high school transcript for level one world language. Information on transportation for World Languages found on Page 7.

840B/W/P Band 8 (840B Brass, 840W Woodwind, 840P Percussion)

8th Grade Band meets as an every day, yearlong course that is a continuation of the playing skills developed during the first years in addition to the development of more advanced ensemble skills needed for participation in a large musical group. Students are encouraged to participate in musical contests as they prepare to face the demands of continued instrumental music study in high school. Concert attendance is a course requirement.

845 Choir 8

In this every day, yearlong course, students will continue to explore and build on 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 and prepare for a high school experience through a diverse repertoire of music used for performance and instruction. Repertoire will consist of mainly three parts mixed and Soprano, Alto, Tenor, Bass music to fit the advancing voice and to further challenge students. Students will expand musical knowledge for cultural and historical influences to music. Students in choir use solfege to learn note reading and pitch. Concert attendance is a course requirement.

850U/L Orchestra 8 (850U Viola/Violin, 850L Bass/Cello)

Students enrolled in 8th Grade Orchestra will meet every day, yearlong to continue to advance their string playing skills. Students will begin to develop advanced ensemble skills needed to perform in an orchestra. Students participate in a wider variety of performances in preparation for high school music. Concert attendance is a course requirement.

862 Art & Design 8

In this hands-on yearlong class, students will further develop and refine their skills in drawing, sculpture, painting, printmaking and ceramics as they explore the elements and principles of visual art in depth. This technical study will be enriched with examples of important art and artists who have worked in these areas. Students will be encouraged to express their original ideas through a wide variety of independent and group art projects including both 2 and 3 dimensional forms. They will develop critical and creative thinking skills, technical ability, and an understanding of artistic history and heritage, as well as how art has been and is being used in culture to communicate and express ideas and attitudes.

870 STEAM 8

The 8th Grade STEAM class is a yearlong project-oriented, interdisciplinary course in which students use science, mathematics, engineering and technological knowledge to investigate real-world problems. Students will develop engineering design process skills as they identify problems, design and construct models, test ideas, and make modifications. Students will also enhance digital communication and collaborative skills. This course uses curriculum from Project Lead the Way's Automation and Robotics unit.

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860 Art 8 (Trimester)

In this trimester course, students will continue to learn about and apply elements and principles of visual art as they continue to develop their skills in drawing, sculpture, painting, printmaking and ceramics. While making their own artwork, the students will be introduced to artists who have worked in these areas. This hands-on class enriches student understanding of art as they explore a wide scope of historic and contemporary art from diverse cultures.

867 Health 8 (Trimester)

This trimester course is designed to build upon the foundations taught in Health 7 to continue to promote responsible decision-making resulting in healthy lifestyle choices. The areas of emphasis are: mental health, nutrition, human growth and development and substance abuse, including the dangers of drug use leading to addiction(alcohol, tobacco, marijuana, vaping, and opioids).

865 Physical Education 8(Trimester)

Physical Education 8 is an elective trimester course that incorporates more game-like situations and activities. These games and activities will focus on applying knowledge of concepts, strategies, and tactics in a variety of different physical activity settings. In accordance with National Standards, students will actively participate, demonstrate responsible behavior, and show positive sportsmanship. Students will recognize and follow safety rules and classroom procedures, respect others, and try new and challenging activities.

882 Medical Detectives 8 (Trimester)

Medical Detectives gives students the opportunity to 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. This course uses a Project Lead the Way (PLTW) Curriculum. Students who have taken Medical Detectives in 7th grade may not repeat it in 8th grade.

Dublin City Schools offers math and literacy connections for students who qualify based upon a data review. These interventions offer more time and support in core areas of study for select students. Students assigned to this intervention will receive communication from their school.

English Learner (EL) Programming

English Learner Programming is rooted in Ohio's English Language Proficiency (ELP) Standards and focuses on developing language functions and forms in English necessary for English Learners to meaningfully engage in content-specific practices outlined in the Common Core State Standards for English language arts and literacy, mathematics, and science. Learning progresses from a focus on making meaning to using language to engage in the practices. Linguistic features of English constitute important objectives in the service of student's present language learning purposes.

Students should talk with their EL teacher before placing these courses on their schedule. These courses will replace the core ELA classes listed above.	
105EW Welcome Center (Newcomer)	**105EI** EL - ELA Intermediate
105EB EL - ELA Beginner 1	**105EA** EL - ELA Advanced
105EB2 EL - ELA Beginner 2	

105EW Welcome Center (Newcomer): Foundational Categories of Study

Emphasis in this course is on developing a student's English proficiency using language arts content. This course is aligned to both Ohio's 2015 ELP Standards and Ohio's 2017 Learning Standards for English Language Arts. The Welcome Center is the initial course for a student with very limited English proficiency.

Students will develop skills in the areas of reading, writing, speaking, listening and language development, with emphasis on print concepts, phonological awareness, phonics, word recognition, and basic communication. This course requires 2 class periods.

105EB EL-ELA Beginner 1

Emphasis in this course is on developing a student's English proficiency using language arts content. This course is aligned to both Ohio's 2015 ELP Standards and Ohio's 2017 Learning Standards for English Language Arts. EL Language Arts/ Beginner 1 is the initial course for students with very limited English proficiency. This course requires 2 class periods.

105EB2 EL-ELA Beginner 2

Emphasis in this course is on developing a student's English proficiency using strong connections to language arts content. This course is aligned to both Ohio's 2015 ELP Standards and Ohio's 2017 Learning Standards for English Language Arts. EL Language Arts/ Beginner 2 is a supported course for students with emerging English proficiency and further develops the specific English proficiencies responsively for each student. This course requires 1-2 class periods.

105EI EL-ELA Intermediate

Emphasis in this course is on developing a student's English proficiency using strong connections to language arts content. This course is aligned to both Ohio's 2015 ELP Standards and Ohio's 2017 Learning Standards for English Language Arts. EL Language Arts/ Intermediate is a transitional supported course for students with progressing English proficiency and further develops the specific English proficiencies responsively for each student. This course requires 1 class period.

105EA EL-ELA Advanced

Emphasis in this course is on developing a student's English proficiency while immersed in grade level language arts content. This course is aligned to both Ohio's 2015 ELP Standards and Ohio's 2017 Learning Standards for English Language Arts. EL English Language Arts/ Advanced is a supported course for students nearing English proficiency. Set in either the mainstream classroom or EL classroom environment, the goal of this course is to further develop specific English proficiencies responsively for each student with increasing connections to units of study and resources outlined in the adopted ELA graded courses of study. This course requires 1 class period.