

# 2026-2027 Middle School Program of Studies



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*Every student, without exception.*

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# Hilliard City Schools

Hilliard City Schools will ensure that every student is Ready For Tomorrow.

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The Hilliard City School District's Middle School Program of Studies is subject to change and is revised periodically throughout the year.

## Non Discrimination Statement (Title IX)

All of the courses, programs, and activities presented in this booklet are open to all students without regard to race, color, national origin, sex, or disability. This policy meets all requirements and directions of the U.S. Department of Education under Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973.

## General Information / Core Courses / Elective Courses

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### General Information

The Hilliard City School District Middle School Program offers students an opportunity to extend their learning horizons through varied experiences both required and elective. All three Middle School programs (Heritage, Memorial and Weaver) strive to create opportunities for students to share in the responsibility of their growth and learning.

The Middle School Program of Studies consists of a group of required courses that are supplemented and enriched by a group of elective courses. In this way, students are taught basic and advanced skills and also have the opportunity to sample and explore a wide variety of topics in the visual and performing arts, wellness, and family and consumer science.

The middle school model is an excellent means of organization for teaching early adolescents and meeting their special developmental needs. This organizational model encourages and supports interdisciplinary initiatives as well as active parent involvement.

### Core Courses

All middle school students take four core classes (Language Arts, Math, Social Studies and Science) daily for the entire year. Parents/Guardians are encouraged to partner with counselors to insure your student child is in the correct classes according to his/her ability.

Core courses are offered at different instructional levels. Please consult each course description in this Program of Studies for the specific criteria in regard to advanced courses.

### Course Placement Process

Appropriate course placement decisions ensure a successful academic experience and avoid disruption to a student's schedule during the school year. In order to determine which course is most appropriate for your child, a committee, led by the Department of Curriculum and Instruction, analyzed the results from the *STAR* assessment. **Please take the recommendations established through the placement process seriously** as the STAR Early Literacy, STAR Reading and STAR Math are computer-adaptive assessments that are used for screening, progress monitoring and diagnostic assessment of students. These applications meet all criteria for scientifically based progress-monitoring tools set by the National Center on Student Progress Monitoring. These assessments have proven to be a great indicator for student placement; therefore, we are very confident that the established placement criteria is appropriate. These scores can be seen in your child's Home Access Center profile on the test score tab.

Another important component to the course selection process is to consider your child's teacher recommendation. Teacher recommendations are based on student mastery of content standards that build the skills necessary to be successful in the next course.

The purpose of the placement process is not to limit student or parent choice, but to ensure that such choices are based on the best available information about a student's tenacity and perseverance relative to the curricular challenges they will encounter in the coming year. Students wishing to enroll in an advanced course for the 2026 - 2027 school year should refer to the suggested criteria outlined in the course description.

### Electives

Elective courses are offered to either 7th, 8th or both 7th and 8th grade students. Electives are offered as either one semester or two semester courses.

Some electives are offered at different instructional levels and have prerequisites. Please consult the elective section in this Program of Studies for the specific criteria for these courses.

To ensure academic success, students who are identified as needing additional targeted support or intervention may be scheduled into a Supported Studies or MTSS (Multi-Tiered System of Supports) period. If a student is placed in this essential academic period, it will be scheduled in lieu of one of their elective courses.

# Student Schedule

## Student Schedule

In August, students will receive their schedule for classes. Below is a sample of what a typical schedule looks like in middle school.

## Your Daily Schedule

The school day is divided into 8 periods.

Not every subject meets daily, all year long, but will be listed on your schedule period by period.

It will be helpful to read the period, class meeting days, and corresponding room numbers. Your classroom teacher will gladly help you interpret your schedule. DO NOT HESITATE TO ASK.

The following letter and number codes will be helpful:

M = Monday  
T = Tuesday  
W = Wednesday  
R = Thursday  
F = Friday

M1 = 1st Grading Period  
M2 = 2nd Grading Period  
M3 = 3rd Grading Period  
M4 = 4th Grading Period

8/1/2023

**Student Schedule**

Schedule As Of 8/1/2023 12:00:00 AM

Student ID	Name	Gr	Hrm	Team	Counselor	Locker	Combination
Your ID #	Your Name Here	08					
Period	Course-Section	Description	Marking Periods	Days	Room	Teacher	
1	400006 - 1	French 1A	M1,M2	M,T,W,R,F	208	Dietrich, St	
1	400007 - 1	French 1B	M3,M4	M,T,W,R,F	208	Dietrich, St	
2	600500 - 5	Social Studies 8	M1,M2,M3,M4	M,T,W,R,F	213	Van Kirk, J	
3	100009 - 1	Advanced Art 3D	M1,M2	M,T,W,R,F	144	Lattig, Niki	
3	300360 - 4	Content Creators	M3,M4	M,T,W,R,F	167	Martin, B	
4	851900 - 2	8th Grade Lunch	M1,M2,M3,M4	M,T,W,R,F	CAFE	Ruffener, Brad	
5	100004 - 2	Advanced Art 2D	M1,M2	M,T,W,R,F	145	Stoflinsky, Kami	
5	450500 - 8	Fitness	M3,M4	M,T,W,R,F	MGM	Gilkerson, M	
6	550500 - 6	Science 8	M1,M2,M3,M4	M,T,W,R,F	128	Secor, K	
7	500500 - 10	Math 8	M1,M2,M3,M4	M,T,W,R,F	202	Miyamoto, A	
8	300500 - 14	Language Arts 8	M1,M2,M3,M4	M,T,W,R,F	205	Karaoglan, L	

↑ Class Period  
 ↑ Course Codes  
 ↑ Title of Course  
 ↑ Grading Periods  
 ↑ Days Courses Meet  
 ↑ Course Room  
 | Teacher's Name

## High School Credit

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### Earning High School Credit

The Hilliard City School District's Board of Education policy determines the requirements for students earning high school credit for a course taken in middle school.

Students in the Hilliard City School District must meet the following requirements in order to earn high school credit for *Algebra I*, *Honors Geometry*, *World Languages*, *Advanced Art 2-D and 3-D*, *Advanced Physical Education* taken in middle school:

- *Earn passing grades throughout the school year*
- *Pass the course criteria (D or higher)*

**The grade earned in a high school course taken in middle school will appear on the student's final high school transcript; however, the grade will be not be calculated in the high school grade point average.**

In the event that a middle school student and/or parent decides that the student should withdraw from a high school course, the student must adhere to the Course Drop Policy for High School Credited Courses as outlined on [page 10](#).

## Graduation Requirements

To graduate from a Hilliard City Schools High School, a student must meet the standards adopted by the State of Ohio, and the Hilliard City Schools Board of Education. **The ultimate responsibility for tracking and completing necessary credits for graduation lies with the students and parents. Any student who fails to meet the district's graduation requirements shall not participate in commencement exercises or receive a diploma.**

Graduation Requirements		
Subject	Minimum Credit Requirement—21.0	
English	4	
World Studies	1	
U.S. History	1	
U.S. Government	1	
Science	3	1 credit Biology; 1 credit Physical Science
Math	4	Must include Algebra 2 or its equivalent
Health	0.5	
Physical Education	0.5	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading (see page 12 in HS Program of Studies). Students who pursue this option must earn one half elective credit in another subject-area to meet the minimum credit requirement for graduation (21.0 credits).
Future Ready	0.5	
Financial Literacy Elective	0.5	The financial literacy elective requirement can be fulfilled by taking one of the following courses <b>during the Sophomore, Junior or Senior year</b> : Business Academy, Careers & Money Management, Entrepreneurship, Financial Independence, Personal Finance, College Fundamentals, AP Microeconomics, AP Macroeconomics, Life Skills or CBI 3 Related. Note: Taking one of these prior to the Sophomore year will <b>not</b> fulfill the graduation requirement. This requirement is strongly encouraged for 10th graders who are interested in Tolles Career & Technical Center.
Additional Electives	5	<p><b>1 credit must be earned in fine arts unless 2 semesters of fine arts coursework were successfully completed in middle school (grades 7-8).</b> Successful completion of a Tolles, CBI or Career &amp; Employ Development program fulfills the Fine Arts graduation requirement.</p> <p>Elective credits must include one or any combination of world language, fine arts, business, career-technical education, family and consumer sciences, pre-engineering or English, Mathematics, Science, or Social Studies not otherwise required.</p> <p>Successfully completing 2 semesters of fine arts coursework will fulfill the Hilliard City School District Graduation Requirement in Fine Arts. A middle school student must successfully complete an <b>advanced fine arts</b> course in order to count for the State Graduation option for the Fine and Performing Arts Seal.</p> <p><b>Students must earn 5.0 Elective Credits in content areas other than Wellness.</b></p>
<b>TOTAL CREDITS</b>	<b>21.0</b>	

# State Graduation Requirements

## First

☒ Earn 21.0 Credits



4 Credits English



4 Credits Math



3 Credits Social Studies



3 Credits Science



.5 Credit Future Ready



.5 Credit Financial Literacy Elective



.5 Credit Physical Education



.5 Credit Health



5 Credits Additional Electives

## Second

☒ Show Competency



Earn a “competency score” on the Algebra I and ELA II (English 10) End of Course Test

OR



Two Career - Focused Activities

OR



College Credit Plus

OR



Military Enlistment

OR



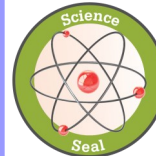
ACT or SAT Remediation-Free Score

## Third

☒ Show Readiness

Earn 2 Diploma Seals

State Defined



Locally Defined



Students must have a minimum of 1 State Seal



## Scheduling Courses / Units / Schedule Changes

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### Scheduling Courses

[Click here](#) to use the template as a tool to build your schedule. Course descriptions begin on page 17.

#### 7th Grade:

All students in seventh grade are required to take one course in the following areas:

- Language Arts
- Math
- Social Studies
- Science

**All students in seventh grade must sign up for Physical Education/Health.**

Seventh grade students can choose from the following electives:

- 2D Art
- 3D Art
- Advanced 2D Art
- Advanced 3D Art
- 7th Grade Treble Choir
- 7th-8th Grade Tenor-Bass Choir
- BE<sup>2</sup>TA
- Career Explorations
- Communication 101
- Computer Science & Electronics
- Construction Technology
- Content Creators
- Creative Writing
- Design & Robotics
- Digital Media
- Family & Consumer Science
- Fitness
- Global Leaders
- History of Rock & Roll as a Social Movement
- Music Alive
- Next Gen Changemakers
- Orchestra/Band
- Project VIBE

#### 8th Grade:

All students in eighth grade are required to take one course in the following areas:

- Language Arts
- Math
- Social Studies
- Science

Eighth grade students can choose from the following electives:

- 2D Art
- 3D Art
- Advanced 2D Art
- Advanced 3D Art
- Advanced Physical Education
- BE<sup>2</sup>TA
- Career Explorations
- Chinese, French, or Spanish

- 8th Grade Treble Choir
- 7th-8th Grade Tenor-Bass Choir
- Coding & Collaboration
- Communication 101
- Computer Science & Electronics
- Construction Technology
- Creative Writing
- Design & Robotics
- Digital Media
- Family & Consumer Science
- Fitness
- Global Leaders
- History of Rock & Roll as a Social Movement
- Music Alive
- Next Gen Changemakers
- Orchestra/Band
- Project EDU
- Project Health Professionals
- Project VIBE

### Units

Each course is worth either half (0.5), one (1) or two (2) units based on length and number of class periods. One semester equals a half (0.5) unit. Two (2) semesters equals one (1) unit. All 7th and 8th grade students must have a total of seven (7) units when scheduling.

If a course is identified as a high school credited course, the term unit is replaced with the term credit. A credit and unit equal the same amount of value except for Advanced Physical Education. Advanced Physical Education is worth 0.5 units and 0.25 high school credits.

### Schedule Changes

All schedule changes must be approved by the principal. Teachers, school counselors, students, parents, or administrators may initiate schedule changes. Since any schedule change is liable to disrupt a number of classes or have other hidden implications, requests for changes are considered very carefully. Reasons for which schedule changes might be approved include:

- To improve class load balance
- To change grouping if recommended by a teacher
- To drop an elective that is too difficult
- To add an elective within the first two weeks of the semester
- To improve a discipline situation

Schedule changes will not be approved for these reasons:

- Do not like the teacher
- Want to be with certain friends
- Want different lunch period

## **Promotion & Retention / Course Drop Policy / Credit Flexibility**

### **Promotion and Retention of Students K-12**

The promotion of each student is determined individually. The decision to promote a student or to retain a student in a grade is made on the basis of the following factors: reading level, mental ability, age, physical maturity, emotional and social development, social issues, home conditions and grade average.

Promotion procedures demand continuous analysis and study of the cumulative student case history records. Guidelines may include the following elements:

- A student receiving passing grades in the core courses is promoted
- A student having failing grades in the core courses at the end of each year is evaluated by the teachers, school counselor and principal for placement
- No conditional promotions are permitted
- A student having failing grades may be assigned to the next higher grade with discretion only with approval of the principal
- No student having passing grades, "D" or above, throughout the year is failed
- No student should be retained more than twice in the elementary grades. Documentary and anecdotal evidence should be available to justify retention
- A student with failing grades during any academic term may be provided with intervention services

### **Dropping a High School Credited Course**

- The deadlines to withdraw from a semester-long **high school** credit-bearing course with no marks are:
  - \* Semester 1 - one week past the end of Quarter 1
  - \* Semester 2 - one week past the end of Quarter 3
- Dropping a course may endanger a student's graduation status, and/or athletic eligibility.

### **Credit Flexibility**

In compliance with Senate Bill 311, the Hilliard City School District will offer students the opportunity to earn high school credit(s) through a credit flexibility program. "Credit flex" shifts the focus from evaluating student learning based on "seat time" to assessing a student's demonstrated academic and skill level or performance. With "Credit Flex," students will have options to show what they know, earn credit(s), and move on to higher-order content.

Students interested in learning more about credit flexibility options should contact their school counselor for details. It is important to note that there are specific guidelines and timelines that have been established and must be followed in order to be considered for participation in the Hilliard City Schools' credit flexibility program. Students choosing to pursue credit through credit flexibility should review these guidelines carefully.

More details can be found at the school district's website: [www.hilliardschools.org/schools/creditflexibility/](http://www.hilliardschools.org/schools/creditflexibility/).

## Gifted Services

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= course is considered a gifted services for qualifying students.

Courses in which students receive college credit (CCP) and courses with the icon are considered gifted services for students who have gifted identification in superior cognitive ability or the corresponding academic area. For example, AP English Language Composition is a gifted service for students identified gifted in superior cognitive ability and/or reading. Visual and performing arts courses that are indicated with the icon are considered gifted services for students who have gifted identification in superior cognitive ability or the corresponding visual or performing arts area.

### **High School Courses**

#### **English**

AP English Language & Composition  
AP English Literature & Composition

#### **Math**

AP Calculus AB  
AP Calculus BC  
AP Computer Science A  
AP Computer Science Principles  
AP PreCalculus  
AP Statistics

#### **Science**

AP Biology  
AP Chemistry  
AP Environmental Science  
AP Physics

#### **Social Studies**

AP European History  
AP Psychology  
AP U.S. Government  
AP U.S. History

#### **Superior Cognitive Ability only**

French 4  
Spanish 4  
AP Macroeconomics  
AP Microeconomics

#### **Visual and Performing Arts**

Art Portfolio  
AP 2-D Art and Design  
Chamber Orchestra  
Honors Chamber Orchestra  
Wind Ensemble  
Honors Wind Ensemble  
Jazz Ensemble  
Choir 400  
Honors Choir 400  
Academy VIBE 2: Music & Audio Component

### **Middle School Courses**

#### **English**

Honors Language Arts 6  
Honors Language Arts 7  
Honors Language Arts 8  
Honors 7th Core Infusion-ELA/Science  
Honors 8th Grade Core Infusion-ELA/Science

#### **Math**

Accelerated Math 6  
Accelerated Math 7  
Accelerated Math 7 Core Infusion  
Algebra 1  
Honors Geometry (gifted service for grade 8 only)

#### **Science**

Honors Science 7  
Honors Science 8

#### **Social Studies**

Honors Social Studies 7  
Honors Social Studies 8

#### **Visual and Performing Arts**

Advanced Art 2D  
Advanced Art 3D  
Concert Orchestra (gifted service for grade 7 only)  
Symphonic Band (gifted service for grade 7 only)

**NOTE:** CCP courses are available for students in grades 7-12. Click [here](#) for more information.

## Athletic Eligibility / Activities and Service Groups

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### Athletic Eligibility

The Board of Education recognizes the values associated with and gained as a result of participation in interscholastic extracurricular activities and further recognizes the incentives that participation in interscholastic extracurricular activities provide to students to achieve success in the classroom. Interscholastic extracurricular eligibility will be evaluated during each nine-week grading period.

In order to be eligible to participate in any interscholastic extracurricular activities, students must meet the following requirements:

#### **Grades 7-8**

- All 7-8th grade students **MUST** be enrolled in and earn passing grades in a minimum of **four** courses during the immediately preceding grading period to have continuing eligibility.
- Incoming 9th graders **MUST** earn passing grades in a minimum of **four** courses in their final grading period of grade 8 in order to be eligible during their first grading period of 9th grade.

**NOTE:** According to OHSAA bylaws, participating students must be enrolled in and passing four classes during the most recently completed grading period to be eligible for participation in middle school athletics. In order to be eligible for fall sports in ninth grade, students must be enrolled in and passing five classes during the last grading period of eighth grade.

#### Fall Sports:

- 7th grade Football
- 7th grade Volleyball (girls)
- Gymnastics
- 8th grade Football
- 8th grade Volleyball (girls)
- Girls Tennis
- Soccer (boys & girls)
- Cross Country (boys & girls)
- Golf
- 7th grade Football Cheerleaders
- 8th grade Football Cheerleaders

#### Winter Sports

- 7th grade Boys Basketball
- 7th grade Girls Basketball
- 8th grade Boys Basketball
- 8th grade Girls Basketball
- Wrestling
- 7th grade Basketball Cheerleaders
- 8th grade Basketball Cheerleaders

#### Spring Sports

- Track and Field (boys & girls)
- 7th & 8th grade Softball
- Boys Tennis
- 7th & 8th grade Baseball
- Boys & Girls Lacrosse
- Boys Volleyball

### Activities and Service Groups

Each middle school has a number of activities and service groups open to students. An updated list of available clubs, extracurricular activities, and service groups can be found on the middle school websites.

Students should pay careful attention to school announcements, and postings for information about activities and service groups.

## Middle School Plan Worksheet

Use the following templates to help you schedule your 7th and 8th grade years.

Grade 07			
Area	Course	Course Code	Unit
Language Arts			1
Math			1
Science			1
Social Studies			1
Physical Education/Health	Required	450100	0.5
Elective			
Elective			
Elective			
Elective			
Elective			
Total number of units must equal seven (7)			

Grade 08			
Area	Course	Course Code	Unit
Language Arts			1
Math			1
Science			1
Social Studies			1
Elective			
Elective			
Elective			
Elective			
Elective			
Elective			
Total number of units must equal seven (7)			

### *Things to consider when planning:*

- All students are required to select one course from each of the core content areas (Language Arts, Math, Science, and Social Studies).
- **Units** - Students must register for 7 units each school year:
  - One semester = 0.5 units
  - Two semesters = 1.0 unit
- **Physical Education/Health is a required elective course in seventh grade and must be selected**
- Students are required to select either:
  - Three two-semester elective courses
  - Six one-semester elective courses
  - Any combination of both two semester and one semester courses to equal or total 7 credits

## Entering Course Requests on HAC

### Using Home Access Center to select courses for next year

- To access Home Access Center from any browser, type <https://homeaccess.hboe.org> into the address bar.
- To access Home Access Center from your building website, click on the **Student Home Access** link.

The login page is simple and straightforward. For students, your Username and Password are the same as what you use to log into the network when you are at school.

1. Enter your username and password and then click the 'Log In' button. You will see several buttons across the top of the screen. Click on the 'Classes' button.
2. Click on 'Requests.'

A screen similar to the one below will appear. To choose course requests for next year, click on the 'Edit' button next to the **Middle School** department.

Department	Course	Credits
Middle School (MS)		<a href="#">Edit</a>
No Department		<a href="#">Edit</a>
Total :		0.0000

**Graduation Subject Area Requirements**

3. A list of available courses will appear. Check the box next to each course that you wish to take for next school year. Click Save.

**Select A Course** [Save](#) [Cancel](#)

Department : Middle School  
Requested Credits : 6.0000

Credit Range : Your Course Request for 6.0000 credits less than the 7.0000 credit limit.

Course Status Key : Required Suggested Locked Incomplete Prerequisite Alternate Request

Request	DESCRIPTION	COURSE	CREDIT
<input type="checkbox"/>	Advanced Language Arts 7	300200	1.0000
<input type="checkbox"/>	Advanced Science 7	550200	1.0000
<input type="checkbox"/>	Advanced Social Studies 7	600200	1.0000
<input checked="" type="checkbox"/>	Algebra 1 A/B	508L01	1.0000
<input checked="" type="checkbox"/>	Band	980100	1.0000
<input type="checkbox"/>	Choir 7	650100	1.0000
<input checked="" type="checkbox"/>	Family & Consumer Science	350100	0.5000
<input checked="" type="checkbox"/>	Fitness	450500	0.5000

You may choose only as many courses as will fit into your schedule for next year. To completely fill your schedule, you should have a total of 7 credits.

If you choose too few or too many courses, a message will appear when you click 'Save' indicating you are below or above the credit limit. Adjust your choices as necessary and then click 'Save' again.

That's it.....you're done!

## Course Offerings

### English Language Arts

Course Name	Unit
300100 Language Arts 7	1
300200 Honors Language Arts 7	1
987000 **7th Grade Core Infusion	2
988100 **7th Grade Honors Core Infusion	2
300500 Language Arts 8	1
300600 Honors Language Arts 8	1
989000 **8th Grade Core Infusion	2
989050 **Honors 8th Grade Core Infusion	2
3020EL EL-English 1	2
3010EL EL-English 2	2
**EL Newcomer Center	Varies

### Math

Course Name	Unit
500100 Math 7	1
500200 Accelerated Math 7	1
988150 **Math 7 Core Infusion	2
989160 **Accelerated Math 7 Core Infusion	2
500500 Math 8	1
50BL01 Algebra 1 A/B	1 HS Credit
50BL13 Honors Geometry A/B	1 HS Credit

### Science

Course Name	Unit
550100 Science 7	1
550120 Honors Science 7	1
987000 **7th Grade Core Infusion	2
988100 **7th Grade Honors Core Infusion	2
550500 Science 8	1
550600 Honors Science 8	1
989000 **8th Grade Core Infusion	2
989050 **Honors 8th Grade Core Infusion	2

### Social Studies

Course Name	Unit
600100 Social Studies 7	1
600200 Honors Social Studies 7	1
600500 Social Studies 8	1
600600 Honors Social Studies 8	1

### Intervention:

Course Name	Unit
5005RR Math 8	1
85RR03 Decisions	1
8510RR Supported Studies	1

### Electives

Course Name	Unit
100004 Advanced 2D Art	0.5 HS Credit
100009 Advanced 3D Art	0.5 HS Credit
100100 2D Art	0.5
100500 3D Art	0.5
150014 Career Explorations	0.5
150057 **BE <sup>2</sup> TA	1
210100 Design & Robotics	0.5
210006 Computer Science & Electronics	0.5
210425 **Next Gen Changemakers	1
300360 Content Creators	0.5
300375 Digital Media	0.5
300750 Creative Writing	0.5
300760 Communication 101	0.5
350100 Family Consumer Science	0.5
350500 **Project EDU	1
40BL01 French 1	1 HS Credit
40BL05 Spanish 1	1 HS Credit
40BL07 Chinese 1	1 HS Credit
450100 Physical Education/Health	0.5
450500 Fitness	0.5
450004 Advanced Physical Education	0.25 HS Credit
600750 Global Leaders	0.5
600800 History of Rock & Roll	0.5
650100 7th Grade Treble Choir	1
650500 8th Grade Treble Choir	1
650600 7th-8th Grade Tenor-Bass Choir	1
651000 Intermediate Band	1
651500 Concert Band	1
652000 Symphonic Band	1
652500 Intermediate Orchestra	1
653000 Concert Orchestra	1
654000 Music Alive	1
655000**Project VIBE	1
800022 Construction Technology	1
997000 **Project Health Professionals	1

\*\*Offered only at the Innovation Campus



# Course Descriptions

## Icon Key



New Course Offering




High School Credited Course



Course is considered gifted service for qualifying students



Students have the opportunity to earn industry-recognized credentials

Course Code	→	#550120		←	Icon Descriptor
Length of course	→	Two Semesters      1 Science Unit		←	Number of units or type of high school credit earned if course is identified as a high school credited course
Course Title	→	<b>Honors Science 7</b> Students taking Honors Science 7 cover the same standards of Science 7 but in greater depth. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.			
Course Description	→	<b>Grade level: 7</b>		←	Grade level eligible for course

**NOTE:** All courses offered are based on full capacity.  
If enrollment is not at capacity, the course may not be offered.



## English Language Arts

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**#300100**

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Two Semesters

1 English Unit

**Language Arts 7**

Language Arts 7 follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 7. As students work to achieve mastery of the standards, they will read, write about, and interpret literature. Literature will include texts of varying complexity and interests, including the exploration of high-quality contemporary pieces. Students will practice effective reading strategies and develop close reading skills as they analyze texts. All parts of the writing process will be integral to the course, with students actively involved in the writing process of prewriting, drafting, revising, and editing for various pieces. Time will also be spent studying aspects of grammar and basic writing conventions.

***Grade Level: 7***

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**#300200**

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Two Semesters

1 English Unit

**Honors Language Arts 7**

Honors Language Arts 7 follows the same standards-based curriculum as Language Arts 7, but with greater depth and an accelerated pace.

***Grade Level: 7***

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**#300500**

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Two Semesters

1 English Unit

**Language Arts 8**

Language Arts 8 follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 8. As students work to achieve mastery of the standards, they will read, write about, and interpret literature. Literature will include texts of varying complexity and interests, with students reading both high-quality contemporary and classic pieces. Students will practice effective reading strategies and develop close reading skills as they engage in critical analysis of texts. All parts of the writing process will be integral to the course, with students actively involved in the writing process of prewriting, drafting, revising, and editing for various pieces. Time will also be spent studying aspects of grammar and basic writing conventions.

***Grade Level: 8***

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**#300600**

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Two Semesters

1 English Unit

**Honors Language Arts 8**

Honors Language Arts 8 follows the same standards-based curriculum as Language Arts 8, but with greater depth and an accelerated pace.

***Grade Level: 8***

## English Language Arts at the Innovation Campus

### #987000

Two Semesters

1 English Unit  
1 Science Unit

#### 7th Grade Core Infusion

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Language Arts 7 and Science 7. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset.

- Language Arts 7
- Science 7

This is a year-long, two period block and is located at The Hub on the Innovation Campus. **Enrollment is limited.**

Click [here](#) for more information

### #989000

Two Semesters

1 English Unit  
1 Science Unit

#### 8th Grade Core Infusion

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Language Arts 8 and Science 8. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset.

- Language Arts 8
- Science

This is a year-long, two period block and is located at The Hub on the Innovation Campus. **Enrollment is limited.**

Click [here](#) for more information

### #988100

Two Semesters

1 English Unit  
1 Science Unit



#### Honors 7th Grade Core Infusion

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Honors Language Arts 7 and Honors Science 7. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset.

- Honors Language Arts 7
- Honors Science 7

This is a year-long, two period block and is located at The Hub on the Innovation Campus. **Enrollment is limited.**

Click [here](#) for more information

### #989050

Two Semesters

1 English Unit  
1 Science Unit



#### Honors 8th Grade Core Infusion

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Honors Language Arts 8 and Honors Science 8. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset.

- Honors Language Arts 8
- Honors Science 8

This is a year-long, two period block and is located at The Hub on the Innovation Campus. **Enrollment is limited.**

Click [here](#) for more information

## English Language Arts Course Pathways Grade 6-9

**Please Note:** A well-suited language arts program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 6	Grade 7	Grade 8	Grade 9
Language Arts 6/ Honors Language Arts 6~	Language Arts 7/ Honors Language Arts 7 ~  OR  Language Arts 7 Core Infusion/ Honors Language Arts 7~ Core Infusion	Language Arts 8/ Honors Language Arts 8 ~  OR  Language Arts 8 Core Infusion/ Honors Language Arts 8~ Core Infusion	English 9/ Honors English 9

~These courses are considered Gifted Services.

## English Learners

English learner (EL) courses are designed to provide our multilingual students with effective, evidence-based instruction, which facilitates the acquisition of the English language skills and content knowledge necessary to access broader curricular and extracurricular opportunities.

**Course offerings may vary by building and grade level.**

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### #3020EL

Two Semesters      2 English Units

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#### EL English 1

Beginning-level multilingual learners in this course will acquire essential English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**Grade Level: 7 and 8**

*\*This course meets for two periods*

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### #3010EL

Two Semesters      2 English Units

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#### EL English 2

Intermediate-level multilingual learners in this course will continue developing their English language skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course based on the results of state language assessments, district reading assessments, and teacher recommendations.

**Grade Level: 7 and 8**

*\*This course meets for two periods*

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### EL Courses held only at the Newcomer Center at the Innovation Campus:

Hilliard City Schools offers a one-year, three-period learning experience at The Newcomer Center for English Learners (ELs) in grades 6-12 who are new to the country (0-1 year) at the emerging English level (0-1 on OELPS/OELPA). Newcomer Center staff provides a highly-effective, culturally responsive instructional program for students in grades 6-12 where they can acquire the essential English language skills necessary to access broader academic and social opportunities. Students whose language and literacy skills rapidly improve may exit the program in less than one year. High School students can earn one elective credit in English Foundations and one English credit in EL-English Language Arts. High School students can also earn one math credit in EL-Algebra I Workshop or one elective credit in EL-Algebra Foundations.

#### Language Arts 6, 7, or 8

English learners in this course will acquire the essential English language skills necessary to communicate at the emerging level through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course by the EL Teacher Leaders based on OELPS/OELPA scores, formal education background, and time in the US.

#### English Foundations

Emerging-level English learners in this course will acquire foundational pronunciation, vocabulary, grammar, and literacy skills through evidence-based instruction in the appropriate Ohio ELP and ELA standards. Students are placed in this course by the EL Teacher Leaders based on OELPS/OELPA scores, formal education background, and time in the US.

#### EL-Math

Beginning-level multilingual learners in EL Math will receive an introduction to foundational, grade-level math concepts. Teachers will employ a combination of whole class, small group, and personalized instructional strategies and resources, to meet the needs of a variety of students' mathematical and linguistic needs.

# Mathematics

## #500100

Two Semesters 1 Mathematics Unit

### Math 7

This course begins with scale drawings and proportional relationships, including tables, equations, graphs, circle measurements, and percent increase and decrease. Students then extend their understanding of rational number operations, negative numbers, equations, and expressions. The year concludes with geometry on angles, triangles, and prisms, as well as probability and sampling, all aligned to Ohio Math Learning Standards for 7th grade.

**Grade Level: 7**



## #500200

Two Semesters 1 Mathematics Unit

### Accelerated Math 7

This course is a compacted course blending key concepts from 7th and 8th grade mathematics, offering students an in-depth exploration of foundational and advanced topics. Students develop problem-solving skills, deepen their understanding of equations, functions, geometry, and number systems, aligned to the Ohio Math Learning Standards for 7th and 8th grade.

**Grade Level: 7**

**Suggested Criteria: Teacher recommendation and successful completion of Math 6 or Accelerated Math 6**

## #50BL01

Two Semesters 1 Mathematics Credit



### Algebra 1A / 1B

**A student who selects this course will be enrolled in both A and B.**

This high school accredited Algebra 1 course, aligned to Ohio Math Learning Standards, builds a foundation for future math studies. Students begin with one-variable statistics and then explore linear equations, inequalities, systems, and two-variable statistics, applying these concepts to real-world relationships. The year concludes with an in-depth study of functions and quadratic equations, including modeling, the quadratic formula, and rational and irrational solutions, with mathematical modeling integrated throughout.

**Grade Level: 7 and 8**

**Prerequisite: A strong candidate for this course has successfully completed Accelerated Math 7.**

Note: Students enrolled in this course will take the Algebra 1 State End of Course Test.

## #500500

Two Semesters 1 Mathematics Unit

### Math 8

This course begins with transformational geometry, focusing on congruence, similarity, and slope in the coordinate plane. Students then expand proportional reasoning to study linear relationships, systems of equations, and functions, applying these ideas to data with variability. The year concludes with exponents, scientific notation, irrational numbers, and the Pythagorean Theorem, aligning to Ohio Math Learning Standards for 8th grade.

**Grade Level: 8**



## #50BL13

Two Semesters 1 Mathematics Credit

### Honors Geometry A / B


**A student who selects this course will be enrolled in both A and B.**

This high school accredited Geometry course, aligned to Ohio Math Learning Standards, also explores extension topics beyond the standards. Students begin with constructions and reasoning toward formal proofs, then study transformations, congruence, similarity, triangle theorems, and right triangle trigonometry, linking these concepts to volume, coordinate geometry, and equations of figures. The year concludes with circles, probability, and combined events, with mathematical modeling integrated throughout.

**Grade Level: 8**

Note: Students enrolled in this course will take the Geometry State End of Course Test.

# Mathematics at the Innovation Campus

#988150	#989160
Two Semesters	Two Semesters
1 Math Unit 1 Elective Unit	1 Math Unit 1 Elective Unit
	
<b>Math 7 Grade Core Infusion</b>	<b>Accelerated Math 7 Core Infusion</b>
<p>The focus of the Math Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Math 7 and the Innovation Studio elective. Curriculum will be built thematically around Math 7 standards and the concepts in the Innovation Studio program and will also include work within the Design Thinking throughout.</p> <ul style="list-style-type: none"><li>• <b>Math 7</b></li><li>• <b>Innovation Studio</b></li></ul> <p>This is a year-long, two period block and is located at The Hub on the Innovation Campus. <b>Enrollment is limited.</b></p> <p>Click <a href="#">here</a> for more information</p>	<p>The focus of the Accelerated Math 7 Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs the Accelerated Math 7 course and the Innovation Studio elective. Curriculum will be built thematically around Ohio Math Learning Standards for 7<sup>th</sup> and 8<sup>th</sup> grade math and the concepts in the Innovation Studio program and will also include work within the Design Thinking Framework.</p> <ul style="list-style-type: none"><li>• <b>Accelerated Math 7</b></li><li>• <b>Innovation Studio</b></li></ul> <p>This is a year-long, two period block and is located at The Hub on the Innovation Campus. <b>Enrollment is limited.</b></p> <p>Click <a href="#">here</a> for more information</p>

## Mathematics Course Pathways Grades 6-9

**Please Note:** A well suited mathematics program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 6	Grade 7	Grade 8	Grade 9
Math 6	Math 7/ Math 7 Core Infusion	Math 8	Algebra 1
OR	OR	OR	OR
Accelerated Math 6~	Accelerated Math 7~ / Accelerated Math 7 ~ Core Infusion	Algebra 1*~	Algebra 1 w/Workshop
		OR	OR
		Algebra 1*~ / Honors Geometry*~	Geometry/ Honors Geometry~
			OR
			Honors Algebra 2

\*This is a high school credited class. Your child’s final grade will be posted on his/her high school transcript.  
~These courses are considered Gifted Services.

## Science

**#550100**

Two Semesters 1 Science Unit

**Science 7**

Science 7 is aligned to Ohio's Learning Standards and the Next Generation Science Standards, using scientific investigations and ways of thinking to explore physical, life, and earth science concepts. Specifically, the major topics studied in this course include: Environmental Science and Biomes, the Carbon Cycle, basic chemistry and the Periodic Table, Rocks, Minerals, and Soil, Constructive and Destructive Forces, and Topographic Maps.

**Grade Level: 7****#550120**

Two Semesters 1 Science Unit

**Honors Science 7**

Honors Science 7 covers the same standards of Science 7 but in greater depth. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

**Grade level: 7****#550500**

Two Semesters 1 Science Unit

**Science 8**

Science 8 is aligned to Ohio's Learning Standards and the Next Generation Science Standards, using scientific investigations and ways of thinking to explore physical, life, and earth science concepts. This science course includes science concepts, processes and ways of thinking. Earth science is a major part of this course, where students examine the Earth's structure, plate tectonics, land formations, constructive and destructive processes, the geological time scale and dating of rocks and fossils. In life science, students will explore how natural selection affects populations. They will study differences between asexual and sexual reproduction, the relationship between meiosis and mitosis and Mendel's Laws of Heredity. In physical science, students study the effects of balanced and unbalanced forces as well as contact and noncontact forces.

**Grade Level: 8****#550600**

Two Semesters 1 Science Unit

**Honors Science 8**

Honors Science 8 covers the same standards of Science 8 but in greater depth. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

**Grade Level: 8**

Science Courses held only at the Innovation Campus:

7th Grade Core Infusion  
Honors 7th Grade Core infusion  
8th Grade Core Infusion  
Honors 8th Grade Core Infusion



## Science Course Pathways Grades 6-9

**Please Note:** A well suited science program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 6	Grade 7	Grade 8	Grade 9
Science 6	Science 7/ Honors Science 7~	Science 8/ Honors Science 8~	Biology/ Honors Biology
	OR	OR	
	Science 7 Core Infusion/ Honors Science 7~ Core Infusion	Science 8 Core Infusion/ Honors Science 8~ Core Infusion	

~These courses are considered Gifted Services.

## Social Studies

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**#600100**

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Two Semesters 1 Social Studies Unit

**Social Studies 7**

Social Studies 7 is a study of world history, beginning with ancient Greece and continuing through global exploration. The students will discover the factors that shaped our past and continue to influence life today. All four social studies strands are used to illustrate how historic events are shaped by geographic, social, cultural, economic and political factors. The impacts of past civilizations will include Greece's influence on political systems, Rome's technological contributions, the evolution of the arts and religion during the Renaissance and Reformation movements, and the diffusion of culture across the globe.

**Grade Level: 7**

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**#600200**

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Two Semesters 1 Social Studies Unit

**Honors Social Studies 7**

Students taking Honors Social Studies 7 cover the same standards of Social Studies 7 but with greater depth of content and at an accelerated pace. Students will explore extended readings of historical content, and use multiple original source documents to develop a deeper understanding of history.

**Grade Level: 7**

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**#600500**

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Two Semesters 1 Social Studies Unit

**Social Studies 8**

Social Studies 8 is a study of the discovery of America, from Christopher Columbus to the end of the Civil War and Reconstruction. Discover how a simple collection of colonies become the greatest nation on earth, defeating the most powerful monarch of Europe, only to find themselves in a fight over their own land. Students will learn the economic factors that lead to the practice of slavery and the cultural influence that will influence America until this day. See how a nation grows and learn about the greatest leaders and documents of our time, such as the Declaration of Independence, Constitution, and the Bill of Rights. The founding fathers and the sixteen Presidents that follow, are just a few of the examples of people that carved America into the nation we now call home.

**Grade Level: 8**

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**#600600**

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Two Semesters 1 Social Studies Unit

**Honors Social Studies 8**

This is an advanced Social Studies course for the 8th grade student. This course leads students on an interactive study of the seven key events that have fundamentally created America. Beginning in 1492 with Columbus's discovery of America through reconstruction in 1877, students will utilize a number of informational sources, both print and digital to illustrate the aftermath of these events and how their impact still resonates with us today. Students will work collaboratively on project based units to make connections to 20th and 21st century events that continue to impact the world as we know it today.

**Grade Level: 8**

## Social Studies Course Pathways Grades 6-9

**Please Note:** A well suited social studies program for any student must have flexibility built in the process. Classroom and achievement data must be reviewed continuously to determine proper placement and make the appropriate program changes for students.

Grade 6	Grade 7	Grade 8	Grade 9
Social Studies 6	Social Studies 7/ Honors Social Studies 7~	Social Studies 8/ Honors Social Studies 8~	World Studies/ Honors World Studies

~These courses are considered Gifted Services.

## Intervention

### Enrollment in all Intervention Courses Requires Permission.

**Do not register for an intervention course without first consulting with a school counselor.**

#### #5005RR Math 8

Two Semesters 1 Mathematics Unit

##### Math 8

Math 8 is a rigorous intervention class that will focus on the student's individual needs regarding concepts such as transformations in the coordinate plane; special angle relationships, similarity and dilations; exponents and scientific notation; irrational numbers and the Pythagorean theorem; linear equations, functions and linear relationships; and volume of curved surfaces. Students will learn through a variety of methods that include small group instruction, modeling, software, and other technology components designed to enhance understanding.

#### #85RR03

One Semester

##### Decisions

Decisions provides explicit teaching strategies and approaches for improving processing skills, social skills, and positive behavior. In addition, students will receive intervention support in their academic courses with explicit instruction on time management and executive functioning.

***Students may repeat this course as needed***

#### #8510RR

One Semester

##### Supported Studies

Supported Studies is a course designed for students needing specially designed instruction. The class provides targeted interventions/instruction on specific goal areas with frequent progress monitoring. In addition, students will receive intervention support/tutoring in their academic courses and assessment/instruction on transition goals written in their individual plan.

***Students may repeat this course as needed***

COURSE TITLE*	CODE	COURSE TITLE*	CODE
Language Arts 7	3001MD	Supported Studies	8510RR
Language Arts 8	3005MD	Decisions	85RR03
Language Arts 6	3060MD	Language Arts 7	3001CT
Math 7	5001MD	Language Arts 8	3005CT
Math 8	5005MD	Math 7	5001CT
Math 6	5060MD	Accelerated Math 7	5002CT
Science 7	5501MD	Math 8	5005CT
Science 8	5502MD	Algebra 1A	50CT02
Life Skills	5510MD	Algebra 1B	50CT03
Science 6	5560MD	Science 7	5501CT
Social Studies 7	6001MD	Science 8	5505CT
Social Studies 8	6002MD	Social Studies 7	6001CT
Vocational Skills	6010MD	Social Studies 8	6005CT
Social Studies 6	6060MD	Math 7	5001SH
Supported Studies	8510MD	Math 8	5005SH
Math 8	5005RR	Science 7	5501SH
Life Skills	5510RR	Science 8	5505SH
		Social Studies 7	6001SH
		Social Studies 8	6005SH

\* See specific content areas for course descriptions.

## Electives

### #300750

One Semester 0.5 Elective Unit

#### Creative Writing

- *Learn various techniques and tools for fiction writing through the study of mentor texts, real-world models, peer review and critique*
- *Apply analysis of mentor texts to find inspiration for authentic creative pieces*

In the environment of a writer's workshop, students will craft various writings, ranging from poems to short stories to play scripts. Students will have opportunities to comment on, critique, and analyze other students' work as well as to share their own. Mentor texts will be studied throughout the course as models of real-world creative pieces; from these texts, students will learn strategies that writers employ and even find inspiration for their own creative pieces.

**Grade Level: 7 and 8**

### #300760

One Semester 0.5 Elective Unit

#### Communication 101

- *Equip learners with relevant communication and digital literacy skills*
- *Develop confidence in the communication of ideas through different mediums*
- *Apply these skills to authentic speaking and presenting opportunities throughout the course*

With a focus on speaking and presentation skills for today's world, this course will help students to grow their confidence and ability to effectively communicate ideas in a variety of ways that are significant for learning and beyond. Students will learn how to speak and write with clarity, listen effectively, and leverage communication skills to entertain, inform, and persuade.

**Grade Level: 7 and 8**

### #300375

One Semester 0.5 Elective Unit

#### Digital Media

- *Develop basic technology skills and apply these to a variety of tools and platforms*
- *Explore the wide variety of technology-based tools to create multimedia presentations*
- *Create authentic digital pieces both independently and collaboratively*

Students will create multimedia presentations using current software tools and applications. This course provides students the opportunity to craft digital pieces both independently and collaboratively. Studies in this course include video production, digital photography techniques and editing, storytelling, and graphic design.

**Grade Level: 7 and 8**

### #300360

One Semester 0.5 Elective Unit

#### Content Creators

- *Explore the wide variety of technology-based tools to create multimedia presentations*
- *Develop interviewing, research, and reporting skills*
- *Create, edit, and share authentic and modern digital content for school announcements*

Students will learn how to create relevant and exciting content about events happening in their school and community. They will collaborate with classmates to produce the school announcements by means of conducting interviews, reporting information, creating advertisements, and editing their work for publication. Students will examine information available in today's digital world, and apply this learning in their own practice of journalistic values as they create interesting content for a specific and authentic audience.

**Grade Level: 7 and 8**

### #350100

One Semester 0.5 Elective Unit

#### Family Consumer Science

- *Develop and practice essential durable skills in cooking and preparation for adult independence*
- *Apply learning to build positive relationships, manage finances, sustain nutrition for lifelong health, and explore possible educational and employment opportunities*

This course will provide students with an overview of Family and Consumer Sciences. Students will be introduced to food preparation, safety and sanitation and nutritional meal choices. Additionally, students will identify financial literacy and consumer economic principles. Students will be introduced to family relationship concepts and will develop communication leadership and career investigation skills.

**Grade Level: 7 and 8**

### #600750

One Semester 0.5 Elective Unit

#### Global Leaders

- *Explore the skills and mindset of leaders from around the world*
- *Consider what makes a leader effective*
- *Develop an understanding of how leaders impact change*

Are leaders born or made? What makes someone want to listen to and follow a leader? What conditions allow for certain individuals to lead effectively? From those in positions of power to everyday citizens who work to bring about change in their communities, students will explore the skills and mindsets that leaders around the world use to make the world a better place.

**Grade Level: 7 and 8**

Young Professional courses at  
the Innovation Campus:  
Project Health Professionals  
Project EDU

## Electives

### #600800

One Semester 0.5 Elective Unit

#### History of Rock & Roll as a Social Movement

- *Explore, discover, and discuss the relationship between society and music from 1950 to the 2000s*
- *Investigate historical events that helped to shape the music of the time and how artists attempted to influence history through their music*

This class will examine the history of rock and roll and its origins from the 1950's until today. The class will emphasize rock and roll as an agent of social expression/ change while juxtaposing the music upon the political and social landscape of America at that time.

**Grade Level: 7 and 8**

### #210100

One Semester 0.5 Elective Unit

#### Design & Robotics

- *Introduce the engineering and design process through hands-on learning using current technologies*
- *Build, manipulate, and program mechanical structures through a focus on automation and robotics*
- *Explore opportunities in engineering beyond high school*

This class uses solid modeling to introduce students to the design process. Students learn sketching techniques and use descriptive geometry as a component of design, measurement, and computer modeling. Students also trace the history and development of automation and robotics. They learn about structures, energy transfer, machine automation, and computer control systems. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering.

**Grade Level: 7 and 8**

### #210006

One Semester 0.5 Elective Unit

#### Computer Science & Electronics

- *Learn fundamental programming concepts through block-based coding.*
- *Explore electricity, the behavior and parts of atoms, and sensing devices.*
- *Real-world problem solving through iterative design and prototyping.*

Ever wanted to build a smart gadget or program your own game? This hands-on PLTW class merges coding and circuits! You'll learn to code interactive devices using microcontrollers (like the micro:bit). You'll also discover the "magic" of electricity by building circuits with LEDs, sensors, and switches. Students will combine both skills to design, build, and program their own unique invention to solve a problem. This course is perfect for curious problem-solvers and creative thinkers that want to explore computer science and engineering pathways.

**Grade Levels: 7 and 8**

### #150014

One Semester 0.5 Elective Unit



#### Career Explorations

- *Connects Classroom learning to real-world careers through hands-on activities and business partnership*
- *Helps students explore interests, personal strengths, and career pathways with future coursework and training in mind*
- *Provides insight into education, wages, and job outlooks to prepare students for high school, college, or direct employment*

This course helps students connect classroom learning to real-world careers through hands-on experiences and local business partnerships. Students explore various career paths, identify their interests, and learn how personal traits influence career decisions. The curriculum introduces career pathways, future coursework, training, wages, and job outlooks—preparing students for high school, college, or direct employment aligned with their goals.

**Grade Levels: 7 and 8**




**Credential: Lead4Change (3)**

Imagination courses at the Innovation Campus:

[Next Gen Changemakers](#)  
[BE<sup>2</sup>TA](#)

## Electives




Successfully completing 2 semesters of fine arts coursework will fulfill the Hilliard City School District Graduation Requirement in Fine Arts. Only Advanced middle school fine arts coursework can count for the State Graduation option for the Fine and Performing Arts Seal.

<p><b>#100100</b></p> <hr/> <p>One Semester      0.5 Elective Unit</p> <hr/> <p><b>2D Art</b></p> <ul style="list-style-type: none"> <li>Develop and use basic drawing and painting techniques as well as a variety of media to create a variety of two-dimensional works of art</li> <li>Receive feedback and critique, reflect, and revise works of art</li> </ul> <p>Students in this course will demonstrate the proficiency of creative problem solving, strengthening and utilizing observation skills, and application of relevant drawing and painting techniques. Terminology of proximity, angle, line, shape, visual flow, and composition will be the foundation in producing quality two-dimensional works. Students will demonstrate the appropriate use of media, room facilities, and time management as they produce quality work that reflects an understanding of learned skills. <b>Grade levels: 7 and 8</b></p>	<p><b>#100004</b> </p> <hr/> <p>One Semester      0.5 Fine Arts Credit</p> <hr/> <p><b>Advanced 2D Art</b></p> <ul style="list-style-type: none"> <li>Extend learning from 2D Art and develop more advanced techniques in drawing and painting using more diverse media</li> <li><b>This course is a high school credited course</b></li> </ul> <p>Students in this course will extend their learning with greater depth in 2D art by meeting high school art standards. Students participating in Advanced 2D Art will be responsible for a researched-based studio project, and creating a teacher-guided studio project connected to the research. <b>Grade levels: 7 and 8</b> <b>Suggested Criteria: Completion of 2D Art.</b></p>	<p><b>#651000</b></p> <hr/> <p>Two Semesters      1 Elective Unit</p> <hr/> <p><b>Intermediate Band</b></p> <p>Intermediate Band is open to students who have some experience playing wind or percussion instruments. This band performs three to four times throughout the year. This group will focus on developing proper musicianship skills through daily rehearsals and participation. Though helpful, students do not need instrumental experience to participate in Intermediate Band. Contact the instructor for additional information. <b>Grade levels: 7 and 8</b> <b>Placement based on audition.</b></p>
<p><b>#100500</b></p> <hr/> <p>One Semester      0.5 Elective Unit</p> <hr/> <p><b>3D Art</b></p> <ul style="list-style-type: none"> <li>Experiment with and explore a variety of media to create authentic and personalized three-dimensional works of art</li> <li>Receive feedback and critique, reflect, and revise works of art</li> </ul> <p>Students in this course will produce a well crafted sculpture that demonstrates the proficiency of techniques required of that medium. Students will understand the compositional terminology of focal point, proportion, balance, depth, and eye movement in art and be able to produce three dimensional works that apply these concepts. Students will demonstrate the appropriate use of media, art room facilities and time management; the ability to analyze and give constructive criticism of art work; make connections between different cultures, and produce quality work which displays an understanding of learned skills. <b>Grade levels: 7 and 8</b></p>	<p><b>#100009</b> </p> <hr/> <p>One Semester      0.5 Fine Arts Credit</p> <hr/> <p><b>Advanced 3D Art</b></p> <ul style="list-style-type: none"> <li>Extend learning from 3D Art and develop more advanced techniques in associated with clay, sculptural elements, paper mâché, glass and paper building</li> <li><b>This course is a high school credited course</b></li> </ul> <p>Students in this course will extend their learning with greater depth in 3D art by meeting high school art standards. Students participating in Advanced 3D Art will be responsible for a researched-based studio project, and creating a teacher-guided studio project connected to the research. <b>Grade levels: 7 and 8</b> <b>Suggested Criteria: Completion of 3D Art.</b></p>	<p><b>#651500</b></p> <hr/> <p>Two Semesters      1 Elective Unit</p> <hr/> <p><b>Concert Band</b></p> <p>Membership in Concert Band is elective and selective. The ensemble will develop musicianship and skills through daily rehearsals and participation. Music will be selected from many different styles and music periods. Students in this group are expected to participate in all performances associated with the group. <b>Grade levels: 7 and 8</b> <b>Placement based on audition</b></p>
		<p><b>#652000</b> </p> <hr/> <p>Two Semesters      1 Elective Unit</p> <hr/> <p><b>Symphonic Band</b></p> <p>Membership in Symphonic Band is elective and selective. The ensemble will develop advanced musicianship and skills through daily rehearsals and participation. Music will be selected from many different styles and music periods. Students in this group are expected to participate in all performances associated with the group. <b>Grade levels: 7 and 8</b> <b>Placement based on audition</b></p>





# Electives

Successfully completing 2 semesters of fine arts coursework will fulfill the Hilliard City School District Graduation Requirement in Fine Arts. Only Advanced middle school fine arts coursework can count for the State Graduation option for the Fine and Performing Arts Seal.

<b>#650100</b> <hr/> Two Semesters      1 Elective Unit <hr/> <b>7th Grade Treble Choir</b> 7th Grade Treble Choir is open to all seventh grade female-identifying students who are interested in singing and performing. This group will focus on developing proper vocal production and technique. This choir involves three to four co-curricular performances throughout the school year. Performances are graded, required part of the curriculum and occur in the evening. <b>Grade Level: 7</b>	<b>#650600</b> <hr/> Two Semesters      1 Elective Unit <hr/> <b>7th and 8th Grade Tenor-Bass Choir</b> 7th and 8th Grade Tenor-Bass Choir is open to all seventh and eighth grade male-identifying students who are interested in singing and performing. This group will focus on developing proper vocal production and technique. This choir involves three to four co-curricular performances throughout the school year. Performances are graded, required part of the curriculum and occur in the evening. <b>Grade Level: 7 and 8</b>	<b>#654000</b> <hr/> One Semester      0.5 Elective Unit <hr/> <b>Music Alive</b> <ul style="list-style-type: none"> <li>• Listen and analyze music of different genres</li> <li>• Play and compose music on drums, guitar, piano</li> <li>• Develop music literacy and knowledge of music history, theory and composition</li> <li>• Develop habits which encourage success and professionalism beyond the classroom</li> </ul> Students learn to appreciate the role of music in people's lives, how to communicate through music, respond to music, and the value music. Students will study musical instruments and identify different styles of music in this course. <b>Grade Level: 7 and 8</b>
<b>#650500</b> <hr/> Two Semesters      1 Elective Unit <hr/> <b>8th Grade Treble Choir</b> 8th Grade Treble Choir is open to all eighth grade female-identifying students who are interested in singing and performing. This group will focus on developing proper vocal production and technique. This choir involves three to four co-curricular performances throughout the school year. Performances are graded, required part of the curriculum and occur in the evening. <b>Grade Level: 8</b>	<b>#652500</b> <hr/> Two Semesters      1 Elective Unit <hr/> <b>Intermediate Orchestra</b> Intermediate Orchestra is open to students who have some experience playing stringed instruments. This orchestra performs three to four times throughout the year. This group will focus on developing proper musicianship skills through daily rehearsals and participation. Though helpful, students do not need instrumental experience to participate Intermediate Orchestra. <b>Grade Levels: 7 and 8</b>	<b>#40BL01</b>  <hr/> Two Semesters      1 Elective Credit <hr/> <b>French 1</b> <i><b>French 1 is a high school credited course.</b></i> This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is virtually aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards. <b>Grade Level: 8</b>
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Music course held only at the Innovation Campus:  <a href="#">Project VIBE</a> </div>	<b>#653000</b>  <hr/> Two Semesters      1 Elective Unit <hr/> <b>Concert Orchestra</b> The Concert Orchestra is comprised of string players who can demonstrate a moderate level of proficiency on violin, viola, cello, bass, piano or harp. The members of the Concert Orchestra should be prepared for a performance schedule that includes three to four performances per year and may also include adjudication. Students in this group are expected to participate in all performances associated with the group. <b>Grade Levels: 7 and 8</b>	<b>#40BL05</b>  <hr/> Two Semesters      1 Elective Credit <hr/> <b>Spanish 1</b> <i><b>Spanish 1 is a high school credited course.</b></i> This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is virtually aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards. <b>Grade Level: 8</b>
	<b>Placement based on audition</b>	



## Electives

<b>#40BL07</b> 	<b>#450500</b>	<b>#450004</b> 
Two Semesters    1 Elective Credit	One Semester    0.5 Elective Unit	One Semester    0.25 P.E. Credit*
<b>Chinese 1</b> <i>Chinese 1 is a high school credited course.</i> This course emphasizes the three modes of communication: interpretive, presentational, and interpersonal, through use of authentic resources from the target culture. This course is virtually aligned with AP World Language Themes and is assessed using ACTFL and ODE World Language proficiency rubrics and standards. <b>Grade Level: 8</b>	<b>Fitness</b> Fitness levels are assessed to measure growth and personal goal accomplishments <ul style="list-style-type: none"> <li>• Weight Training</li> <li>• CrossFit workouts</li> <li>• Fitness band strength training</li> <li>• Team Games</li> </ul> Students participate in various individual strength and conditioning techniques. This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. During the fitness rotations, individual fitness levels are assessed, and structured workouts are organized giving students the opportunity to set goals and achieve personal success. <b>Grade Levels: 7 and 8</b>	<b>Advanced Physical Education</b> <ul style="list-style-type: none"> <li>• Write in a weekly reflection journal</li> <li>• Participate in a school or community team or fitness program</li> </ul> <i>Advanced Physical Education is a high school credited course.</i> Students will actively participate and complete the expectations of 8th grade Physical Education. Students are also required to be actively involved in a school or community organized fitness program, write a weekly reflection journal and conduct an oral presentation based on community resources and how these resources are correlated with social, emotional, and physical wellness. <b>Grade Level: 8</b>
<b>#450100</b>	<b>Note: Clothing suitable for Physical Education required</b>	<b>Suggested Criteria: Must receive a B or higher for a final grade in Physical Education/Health</b> <b>Note: Clothing suitable for Physical Education required</b> <i>*This course is worth 0.5 units when registering, but counts as 0.25 High School credits on the transcript</i>
<b>Physical Education/Health</b> This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and balance. Participants learn about physical, mental, and emotional wellness, rules, respect, active participation, sportsmanship, responsibility, cooperation and fair play through various individual and team activities. Students will understand and demonstrate behaviors that maintain a health-enhancing level of physical fitness, prevent disease, and speedy recovery from illness. Students will understand that a variety of individual changes occur throughout life and how the human body grows and develops. <b>Grade Level: Required 7th grade</b>  <b>Note: Clothing suitable for Physical Education required</b>		

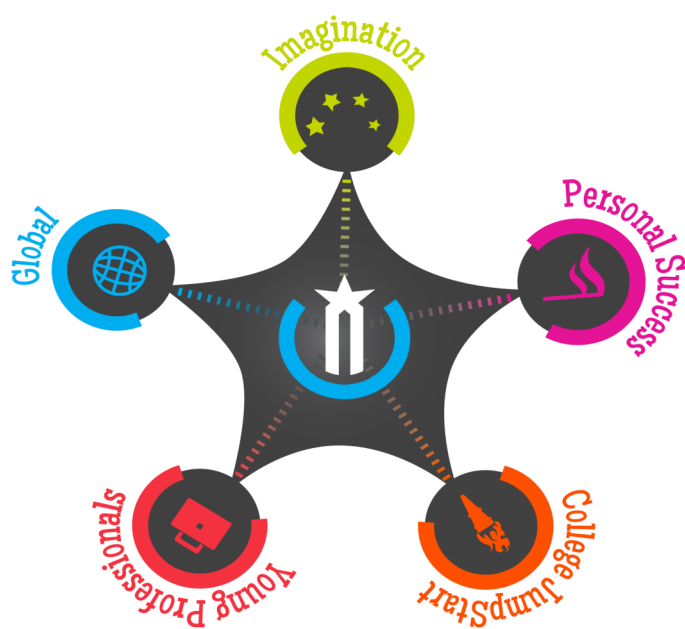
## The Innovation Campus

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# INNOVATION CAMPUS

HILLIARD CITY SCHOOLS



*Revolutionary ideas & experiences  
that customize learning to meet  
the educational needs of our community.*

## Networks Defined

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This network is designed for the student who wants to creatively explore learning through the lens of the humanities. Advanced levels of the arts, language, and other forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.



Global Network -This network prepares learners to thrive in a rapidly changing global society. Learners need a broad range of experiences to build their knowledge of the world and understand their place in it. The Global Network will aim to prepare all learners to think critically, observe skillfully, reflect thoughtfully, and participate meaningfully in authentic experiences both in their local community, as well as their global community.



This network is designed for the student who wants to experience school through authentic learning opportunities inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them. The Young Professionals Network is for the student who wants to personalize their learning through authentic real world experiences while becoming a young professional.



This network is designed for the student who wants to experience higher education during their high school career. Through a partnership with local institutes of higher learning students will be able to enroll in college level courses, participate in dual enrollment courses on-site, and/or earn college credits prior to graduation. This network is truly for the student who wants to personalize their learning by getting a jumpstart on their college career.



This network is designed for the student who wants to experience school in a very personalized way. Consider trading the traditional bricks and mortar classroom with an online experience, small group learning, or one to one learning sessions. Together, a personal learning plan will be created for each student no matter the goal. This network is for the student who wants to put themselves on an individual plan for success.

## Core Infusion



This network is designed for the student who wants to creatively explore learning. Advanced levels of the arts, language, and forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.

#987000

### 7th Grade Core Infusion– ELA/Science

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Language Arts 7 and Science 7. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset. This is a year-long, two period block and is located at The Hub on the Innovation Campus. **Enrollment is limited.**

#300100

Two Semesters

1 English Unit

#### Language Arts 7

Language Arts 7 follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 7. As students work to achieve mastery of the standards, they will read, write about, and interpret literature. Literature will include texts of varying complexity and interests, including the exploration of high-quality contemporary pieces. Students will practice effective reading strategies and develop close reading skills as they analyze texts. All parts of the writing process will be integral to the course, with students actively involved in the writing process of prewriting, drafting, revising, and editing for various pieces. Time will also be spent studying aspects of grammar and basic writing conventions.

**Grade Level: 7**

#550100

Two Semesters

1 Science Unit

#### Science 7

Science 7 is aligned to Ohio's Learning Standards and the Next Generation Science Standards, using scientific investigations and ways of thinking to explore physical, life, and earth science concepts. Specifically, the major topics studied in this course include: Environmental Science and Biomes, the Carbon Cycle, basic chemistry and the Periodic Table, Rocks, Minerals, and Soil, Constructive and Destructive Forces, and Topographic Maps.

**Grade Level: 7**

#988100

### Honors 7th Grade Core Infusion – ELA/Science

The focus of the Honors Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Honors Language Arts 7 and Honors Science 7. Students will extend grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset. This is a year-long, two period block and is located on the Innovation Campus.

**Enrollment is limited.**

#300200



Two Semesters

1 English Unit

#### Honors Language Arts 7

Honors Language Arts 7 follows the same standards-based curriculum as Language Arts 7, but with greater depth and an accelerated pace.

**Grade Level: 7**

#550120



Two Semesters

1 Science Unit

#### Honors Science 7

Students taking Honors Science 7 cover the same standards of Science 7 but in greater depth. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

**Grade level: 7**

## Core Infusion



This network is designed for the student who wants to creatively explore learning. Advanced levels of the arts, language, and forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.

**#988150**

### Math 7 Core Infusion

The focus of the Math Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Math 7 and the Innovation Studio elective. Curriculum will be built thematically around Ohio Math Learning Standards for 7th grade math and the concepts in the Innovation Studio program and will also include work within the Design Thinking Framework. This is a year-long, two period block and is located on the Innovation Campus. **Enrollment is limited.**

**#500100**

Two Semesters

1 Mathematics Unit

#### Math 7

This course is aligned to Ohio Math Learning Standards for 7<sup>th</sup> grade math. The instructional units for this course include operations with integers and rational numbers; working with multi-step expressions, equations, and inequalities; extending the concepts of ratios, proportional reasoning, and percents; geometric relationships which include properties of triangles, angles, areas of composite figures; area/circumference of circles; surface area & volume; probability and statistics. Students in Math 7 will proceed to Math 8.

**Grade Level: 7**

**#216100**

Two Semesters

1 Elective Unit

#### Innovation Studio

This class packages 7th grade math curriculum and skill-building activities together in a unique learning experience. The program begins with the importance of precision and accuracy, progresses to design and 3D printing, hand and power tools, electricity and fiber optics, programming and coding, industry concepts, marketing, and leadership principles. The interconnecting kits provide students with the knowledge and skills to invent or innovate a product of their own. This classroom is a fun, interactive learning environment with industry grade tools where students embrace the product design process, ultimately becoming inventors and innovators equipped with the skills for success.

**#988160**

### Accelerated Math 7 Core Infusion

The focus of the Accelerated Math Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Honors Math 7 and the Innovation Studio elective. Curriculum will be built thematically around Ohio Math Learning Standards for 7th and 8th grade math and the concepts in the Innovation Studio program and will also include work within the Design Thinking Framework. This is a year-long, two period block and is located on the Innovation Campus. **Enrollment is limited.**

**#500200**



Two Semesters

1 Mathematics Unit

#### Accelerated Math 7

This course is aligned to Ohio Math Learning Standards for 7th and half of 8th grade. Accelerated Math 7 prepares students for the formalized study of Algebra 1. As this course compacts 1.5 years of content into 1 year, it is a fast-paced and highly rigorous course. Mastery of prerequisite understandings are essential as the focus of this course will only involve Grade 7 and 8. The instructional units for this course include Operations with Integers; Rational and Irrational Numbers; Exponents and Scientific Notation; Expressions, Equations, and Inequalities; Ratios, Percents, and Proportional Reasoning; Transformations and Congruence; Relationships in 2D, including geometric properties of triangles, angles, and lines; Measurement in 2D and 3D; Dilations and Similarity; Linear Relationships; Probability and Statistics. Students who successfully complete Accelerated Math 7 will move on to Algebra 1A/1B.

**Grade Level: 7**

**#216100**

Two Semesters

1 Elective Unit

#### Innovation Studio

This class packages 7th grade math curriculum and skill-building activities together in a unique learning experience. The program begins with the importance of precision and accuracy, progresses to design and 3D printing, hand and power tools, electricity and fiber optics, programming and coding, industry concepts, marketing, and leadership principles. The interconnecting kits provide students with the knowledge and skills to invent or innovate a product of their own. This classroom is a fun, interactive learning environment with industry grade tools where students embrace the product design process, ultimately becoming inventors and innovators equipped with the skills for success.

## Core Infusion



This network is designed for the student who wants to creatively explore learning. Advanced levels of the arts, language, and forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.

#989000

### 8th Grade Core Infusion - ELA/Science

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Language Arts 8 and Science 8. Students will engage with grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset. This is a year-long, two period block and is located on the Innovation Campus. **Enrollment is limited.**

#300500

Two Semesters

1 English Unit

#### Language Arts 8

Language Arts 8 follows a curriculum based on Ohio's Learning Standards for English Language Arts for grade 8. As students work to achieve mastery of the standards, they will read, write about, and interpret literature. Literature will include texts of varying complexity and interests, with students reading both high-quality contemporary and classic pieces. Students will practice effective reading strategies and develop close reading skills as they engage in critical analysis of texts. All parts of the writing process will be integral to the course, with students actively involved in the writing process of prewriting, drafting, revising, and editing for various pieces. Time will also be spent studying aspects of grammar and basic writing conventions.

**Grade Level: 8**

#550500

Two Semesters

1 Science Unit

#### Science 8

Science 8 is aligned to Ohio's Learning Standards and the Next Generation Science Standards, using scientific investigations and ways of thinking to explore physical, life, and earth science concepts. This science course includes science concepts, processes and ways of thinking. Earth science is a major part of this course, where students examine the Earth's structure, plate tectonics, land formations, constructive and destructive processes, the geological time scale and dating of rocks and fossils. In life science, students will explore how natural selection affects populations. They will study differences between asexual and sexual reproduction, the relationship between meiosis and mitosis and Mendel's Laws of Heredity. In physical science, students study the effects of balanced and unbalanced forces as well as contact and noncontact forces.

**Grade Level: 8**

#989050

### Honors 8th Grade Core Infusion - ELA/Science

The focus of the Honors Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Honors Language Arts 8 and Honors Science 8. Students will extend grade level curriculum through project-based learning with an emphasis on Design Thinking. Core Infusion uses standards-referenced instruction, assessment, and a mastery-based grading system that encourages a high level of academic competence paired with a growth mindset. This is a year-long, two period block and is located on the Innovation Campus. **Enrollment is limited.**

#300600

Two Semesters

1 English Unit



#### Honors Language Arts 8

Honors Language Arts 8 follows the same standards-based curriculum as Language Arts 8, but with greater depth and an accelerated pace.

**Grade Level: 8**

#550600

Two Semesters

1 Science Unit



#### Honors Science 8

Students taking Honors Science 8 cover the same standards of Science 8 but in greater depth. There will be an emphasis on application of knowledge, graphical and numerical analysis of data, and problem solving.

**Grade Level: 8**

## Innovation Campus Additional Courses

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This network is designed for the student who wants to creatively explore learning. Advanced levels of the arts, language, and forms of expression encompass the framework for this individualized experience. This network is for the student who wants to discover unique ways for imaginative learning.

Throughout the semester, middle level electives will regularly combine to participate in theme-based Design Thinking Challenges allowing for exposure to all Campus electives.

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**#655000**

One Semester

1 Elective Unit

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**Project VIBE**

This course is for students who love to be creative! Co-taught by industry professionals, Project Vibe is a chance to learn the foundations of music, TV, and video production. Housed at the Innovation Campus, students will learn the fundamentals of music composition, song creation, digital music technology, as well as the basics of recording and editing their music. In addition, students will also learn the basics of camera operation, shot composition, video editing, and live television production. Since the projects are different every time, a student may repeat the class (if taken in seventh grade). This course acts as an introduction to Academy Vibe, for high school students. This is a double-block, semester course. **Enrollment is limited**  
**Grade Level: 7 and 8**

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**#150057**

One Semester

1 Elective Unit

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**BE<sup>2</sup>TA- Business, Entrepreneurship, Engineering, Technology and Art**

Business, Engineering, Entrepreneurship, Technology & Art. Students will be active in experiential learning and design challenges within an entrepreneurial ecosystem. Students will navigate with empathy from concept to design to consumer within a hands-on innovative learning laboratory. This course will introduce business foundations, entrepreneurship, engineering, art applications and Design Thinking through the use of modern manufacturing technologies such as a laser engraver, 3D printer, vinyl cutter, and CNC router to produce goods for commerce. This is a semester-long, 2 period block course and is located on the Innovation Campus. **Enrollment is Limited.**  
**Grade Level: 7 and 8**



## Innovation Campus Additional Courses



The Young Professionals Network is designed for the student who wants to experience school through authentic learning opportunities both inside and outside the classroom. Whether a student is active in a career mentorship role or enrolled in teacher or entrepreneur academies, this network is built for them.

Throughout the semester, middle level electives will regularly combine to participate in theme-based Design Thinking Challenges allowing for exposure to all Campus electives.

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**#997000**

One Semester

1 Elective Unit

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### Project Health Professionals

The Project Health Professionals middle school semester course is designed to expose students to the many opportunities available in the healthcare field. Students will gain an awareness of different health pathways, along with the education and personal qualities necessary for success in each area. Throughout the term, there will be hands-on activities to gain real-world experience of basic skills such as first aid, vital signs and CPR, along with a basic explanation of heart and lung anatomy. This course should assist a student that is unsure if the health field is right for them, or help a student to explore possible healthcare pathways they are exploring for the future. **Enrollment is limited.**

*Grade Level: 8*

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**#350500**

One Semester

1 Elective Unit

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### Project EDU

This course is designed for students interested in exploring the teaching profession. Designed as an introduction to the teaching profession, students in Project EDU will experience an authentic and realistic view of the career hands-on learning opportunities. Students develop skills in the following areas: career awareness and employability, leadership and communication, day-to-day tasks that support teaching and learning, social/emotional development principles, impact of culture in the classroom, creation of a physically and emotionally safe community partners environment for all learners, classroom management, understand the organization and structure of education systems and the importance of productive relationships with family members, caregivers and community partners. Additionally students will have the opportunity to work collaboratively with Elementary aged students at a neighboring school to gain a minimum of 24 hours of hands-on learning experiences with students. **Enrollment is limited.**

*Grade level: 8*

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**#210425**

One Semester

1 Elective Unit

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### Next Gen Changemakers

In Next Gen Changemakers, students will explore the potential risks and rewards presented by emerging technologies like artificial intelligence and machine learning. With an emphasis on digital wellness and ethics, students will learn how to apply data analytics, user experience (UX), and AI to affect positive change in the world. This innovative course will empower students to leverage the design thinking framework and the Minecraft game and its concepts to tackle challenges in areas like climate change and public health, among others. This is a semester-long, double-block that is located on the Innovation Campus. **Enrollment is limited.**

*Grade Level: 7 and 8*

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**#800022**

One Semester

1 Elective Unit

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### Intro to Construction Technology

Get ready to roll up your sleeves and dive into the world of construction and carpentry! In this hands-on course, you'll master the basics of carpentry—measuring, cutting, and building real projects with real tools. But that's just the beginning. You'll also get a taste of understanding other essential trades including HVAC, masonry, electrical, and plumbing gaining knowledge that could spark a future career pathway. Whether you're dreaming of designing buildings or just love working with your hands, this class is your blueprint for success! Students will have the opportunity to earn the Carpentry Certification credential.

*Grade Level: 7 and 8**Credential: Carpentry - Career Connections I (4)**Carpentry - Career Connections II (6)*