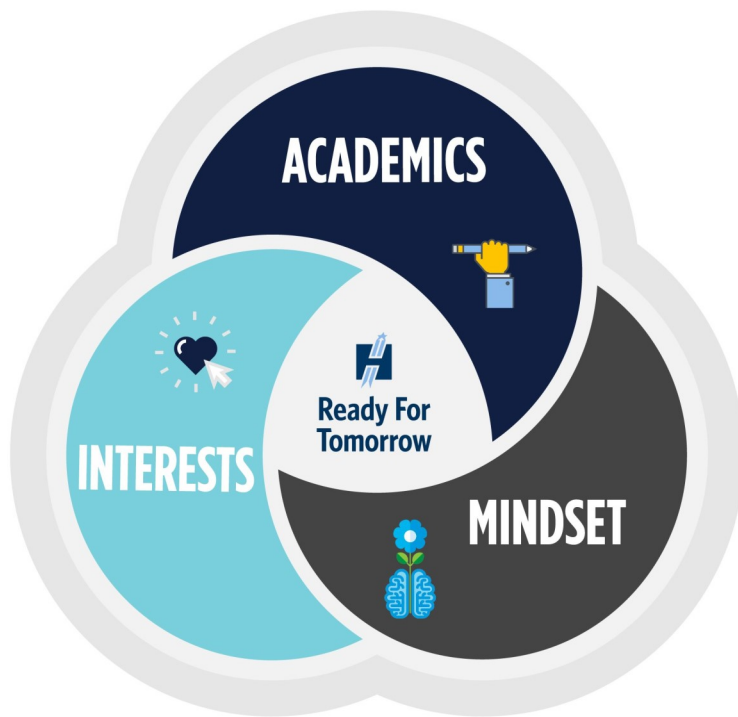




# 2022-2023 Middle School Program of Studies



# Hilliard City Schools

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

## Superintendent's Office 921-7000

David Stewart, *Superintendent*  
Jill Abraham, *Assistant Superintendent of Curriculum*  
Mike McDonough, *Deputy Superintendent*  
Cori Kindl, *Executive Director of Curriculum*  
Samantha Althouse, *Director of Secondary Education*  
John Bandow, *Director of Outreach & Engagement / College Partnerships*  
Herb Higginbotham, *Director of Elementary Education*  
Mark Tremayne, *Director of Innovation and Extended Learning*

## Board of Education 921-7000

Kara Crowley  
Nadia Long  
Beth Murdoch  
Brian Perry  
Zach Vorst

## Hilliard Heritage Middle School

**Matt Trombitas, Principal**  
5670 Scioto Darby Road  
Hilliard, OH 43026  
614-921-7500 Main Office  
614-921-7510 Guidance Office

## Hilliard Memorial Middle School

**Barry Bay, Principal**  
2900 Walker Road  
Hilliard OH, 43026  
614-921-7600 Main Office  
614-921-7620 Guidance Office

## Hilliard Weaver Middle School

**Lauren Schmidt/Kathy Bandow, Interim Principals**  
4600 Avery Road  
Hilliard OH 43026  
614-921-7700 Main Office  
614-921-7710 Guidance Office

## The Innovation Campus/Online Academy

<b>Craig Vroom, Principal</b>		
5323 Cemetery Road		3859 Main Street
Hilliard, OH 43026	<b>AND</b>	Hilliard, OH 43026
614-921-4800 Main Office		614-921-4850 Main Office
614-921-4800 Guidance Office		614-921-4850 Guidance Office

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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. For the latest edition of the Program of Studies, please visit our website at [www.hilliardschools.org](http://www.hilliardschools.org).

### 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

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 need to check over the schedule to make sure their child is in the correct classes according to his/her ability.

Core courses are offered at different instructional levels. Please consult Section C 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 2022 - 2023 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 Section C in this Program of Studies for the specific criteria for these courses.

**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. Your schedule is printed by computer and may seem hard to understand at first.

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    | M1 = 1st Grading Period |
| T = Tuesday   | M2 = 2nd Grading Period |
| W = Wednesday | M3 = 3rd Grading Period |
| R = Thursday  | M4 = 4th Grading Period |
| F = Friday    |                         |

12/16/2021

**Student Schedule**

Schedule As Of 8/19/2021 12:00:00 AM

Student ID	Name	Gr	Hrm	Team	Counselor	Locker	Combination
Your ID #	Your Name Here	08	128		Mendenhall, K		
Period	Course-Section	Description	Marking Periods	Days	Room	Teacher	
1	550500 - 1	Science 8	M1,M2,M3,M4	M,T,W,R,F	128	Secor, K	
2	500500 - 2	Math 8	M1,M2,M3,M4	M,T,W,R,F	202	Miyamoto, A	
3	650500 - 3	8th Grade Treble Choir	M1,M2,M3,M4	M,T,W,R,F	169	Heaston, A	
4	851900 - 54	Lunch	M1,M2,M3,M4	M,T,W,R,F	CAFE	Martin, B	
5	600500 - 15	Social Studies 8	M1,M2,M3,M4	M,T,W,R,F	149	King, C	
6	300500 - 16	Language Arts 8	M1,M2,M3,M4	M,T,W,R,F	213	Jasper, A	
7	400030 - 1	Chinese 1A	M1,M2	M,T,W,R,F	207	Myers, N	
7	400036 - 1	Chinese 1B	M3,M4	M,T,W,R,F	207	Myers, N	
8	450004 - 18	Advanced Physical Education	M3,M4	M,T,W,R,F	MGM	Gilkerson, M	

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

### 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, Geometry, All World Languages, Advanced Art, Advanced Physical Education, Advanced Symphonic Band, Advanced Choir 8 or Advanced Concert Orchestra* 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 [B-2](#).

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—21.5	
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	1/2	
Physical Education	1/2	Students may waive the physical education requirement with participation in athletics, marching band, and/or cheerleading (see page A-10 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 (21.5 credits).
Future Ready	1/2	
Financial Literacy Elective	1/2	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, 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.
Capstone	1/2	The Capstone can be completed in a variety of ways/ courses and must meet defined criteria. See page A-8 (in HS Program of Studies) for additional details. <b>The Capstone must be completed by December of their senior year. Athletic Eligibility:</b> Physical Education classes and Capstone <b>do not count</b> as 1 of the 5 (five) 1/2 credit classes.
Additional Electives	5	<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> Participation in Tolles, CBI or Career & Employ Development (“Work Study”) may fulfill the Fine Arts graduation requirement.  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.  A high school credit can be assigned for fine arts if two <b>YEARS</b> of middle school music were successfully completed <b>AND</b> the second year was an <b>ADVANCED</b> course.  <b>Students must earn 5.0 Elective Credits in content areas other than Wellness.</b>
<b>TOTAL CREDITS</b>	<b>21.5**</b>	



### First

Earn 21.5 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



.5 Credit Capstone

### 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



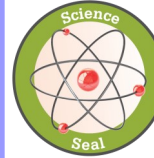
ACT or SAT Remediation-Free Score

### Third

Show Readiness

Earn 2 Diploma Seals

State Defined



Locally Defined



Students must have a minimum of 1 State Seal

**Scheduling Courses**

Use the template on page B-5 as a tool to build your schedule. Course descriptions are located in Section C.

**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
- 7th Grade Treble Choir
- 7th-8th Grade Tenor-Bass Choir
- BE<sup>2</sup>TA
- 21st Century Communications
- Coding & Collaboration
- Content Creators
- Creative Writing
- Digital Media
- Discover Ur Happiness
- Design & Robotics
- Family & Consumer Science
- Fitness
- Hail to the Chief
- History of Rock & Roll as a Social Movement
- Magic of Electrons
- Music Alive
- Orchestra/Band
- Personal Decisions
- Project Citizen
- Project Art & Ecology
- 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 Project Art & Ecology
- Advanced Band
- Advanced Choir 8
- Advanced Concert Orchestra
- Advanced Physical Education

- BE<sup>2</sup>TA
- Chinese, French, or Spanish
- 8th Grade Treble Choir
- 7th-8th Grade Tenor-Bass Choir
- 21st Century Communications
- Coding & Collaboration
- Content Creators
- Creative Writing
- Design & Robotics
- Digital Media
- Discover U
- Family & Consumer Science
- Fitness
- Hail to the Chief
- The Happiness Equation
- Health Professionals Academy
- History of Rock & Roll as a Social Movement
- Magic of Electrons
- Music Alive
- Orchestra/Band
- Personal Decisions
- Project Art & Ecology
- Project Citizen
- Project Business
- Project EDU
- Project VIBE

**Units**

Each course is worth either half (1/2), 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 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

### **Course Drop Policy for High School Credited Courses (Student Initiated)**

A student may withdraw from a **high school credited** course without grade penalty if he/she withdraws within the following period and if requirements are otherwise met:

- Semester course: No later than the 10th school day of the semester.
- Year course: By the end of the first nine weeks grading period.

A student withdrawing from a high school credited course after the grace period will have the following letter grade penalty applied:

- A withdraw passing (WP) would be noted should the student drop a semester class that they are passing (A through D-) ten days after grades are posted at the end of the quarter.
- A year-long class drop would be noted as (WP) withdraw passing provided the student is passing (A through D-) ten days after grades are posted at semester end.
- Yearlong and semester courses dropped after the above stated deadlines will result in withdraw failing (WF). No student may be enrolled in less than five classes per semester.

### **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](http://www.hilliardschools.org).

# Gifted Services



= course is considered a gifted services for qualifying students.

Courses in which students receive college credit 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.

## AP Courses

### Science

Biology  
Chemistry  
Computer Science  
Physics

### Math

Calculus AB  
Calculus BC  
Computer Science A  
Computer Science Principles  
Statistics

### Reading

English Language  
English Literature & Composition

### Social Studies

European History  
Psychology  
U.S. Government & Politics  
U.S. History

### Superior Cognitive Ability Only

Chinese  
French  
German  
Spanish  
Macroeconomics  
Microeconomics

### Middle School Courses

Honors Math 6  
Accelerated Math 7  
Algebra 1  
Honors Geometry (gifted service for grade 8 only)  
Honors Language Arts 7  
Honors Language Arts 8  
Honors Science 7  
Honors Science 8  
Honors Social Studies 7  
Honors Social Studies 8

## Visual and Performing Arts Courses

### Music (High School)

Chamber Orchestra  
Honors Chamber Orchestra  
Wind Ensemble  
Honors Wind Ensemble  
Choir 400  
Honors Choir 400  
Rock Band II

### Music (Middle School)

Concert Orchestra (gifted service for grade 7 only)  
Advanced Concert Orchestra  
Symphonic Band (gifted service for grade 7 only)  
Advanced Symphonic Band  
Advanced Choir 8

### Visual Art (High School)

Art Portfolio  
AP 2D Art and Design

### Visual Art (Middle School)

Advanced Art 2D  
Advanced Art 3D  
Advanced Project Art and Ecology

### Theatre (High School)

Production and Performance

**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**

- In the immediately preceding grading period, a student must receive a minimum GPA of 1.5 on a 4.0 scale. This does not apply to students entering the seventh grade for the first time.
- Students whose GPA falls between 1.5 and 1.75 will be on academic probation. To maintain eligibility they must show acceptable academic performance with weekly progress checks throughout the current grading period.
- Students whose GPA falls below 1.5 for the immediately preceding grading period may be eligible to participate by taking a waiver and agreeing to go on academic probation under the criteria listed in the previous bullet point. This waiver provision can be applied only once in the three academic years for grades seven through nine.

**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. Activities may include Ski Club, Tech Club, SODA, Destination Imagination, Math Counts, Future Problem Solvers, Drama, Power of the Pen, FCA, Leadership opportunities or others organized on a year-to-year basis.

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

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

## *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.

The screenshot displays the Home Access Center interface. At the top, there is a navigation bar with icons for Home, Attendance, Classes, Grades, Student Support, and Registration. The 'Classes' icon is circled in red. Below this is a secondary navigation bar with buttons for Classwork, Schedule, and Requests. The 'Requests' button is also circled in red. The main content area shows a section titled 'Course Requests - 2015-2016 - Hilliard Heritage Middle School - Grade 07'. Below this is a table with columns for Department, Course, and Credits. The table has two rows: 'Middle School (MS)' and 'No Department'. The 'Edit' button next to 'Middle School (MS)' is circled in red. At the bottom of the table, there is a 'Total' row showing '0.0000'. Below the table is a section for 'Graduation Subject Area Requirements'.

Department	Course	Credits
Middle School (MS)		
No Department		
Total :		0.0000

- 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 :

**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	500010	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
<input type="checkbox"/>	Hail to the Chief	600700	0.5000
<input type="checkbox"/>	History of Rock & Roll	600800	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.

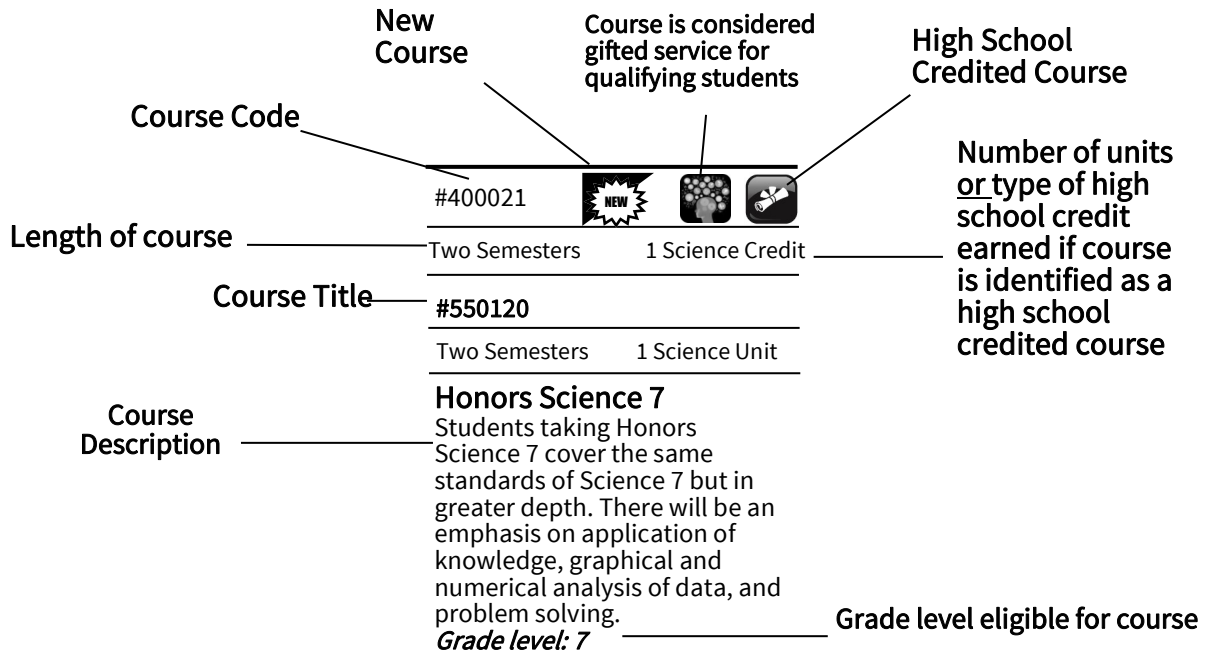
If you choose too few or too many courses, a message will appear when you click 'Save' indicating you are below or above the credit limit. Adjust your choices as necessary and then click 'Save' again.

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



# Middle School Courses

## Course Code Key



# Honors Course Decision Checklist

## *Thinking about taking Honors classes?*

Use this checklist to help you decide for each Honors course you are considering.

Students well-suited for an Honors level course will answer **Yes** to the items on this checklist. If you answered **No** to one or more of the questions below, please discuss this decision with your current teacher and/or school counselor.

INTEREST	Yes	No
Do you enjoy this subject enough to accept the academic challenges and work that come with an Honors level course?		
ACADEMICS	Yes	No
<i>Consider your academic achievement in your current class <u>in this subject</u>:</i> If you are currently in an Honors course, are you successful? If you are in a non-honors course, are you achieving at a high level?		
Have you met the prerequisite course requirements or suggested criteria for the course (if mentioned in the Program of Studies)?		
Has your current teacher recommended you for an Honors course in this subject area?		
Are you able to learn quickly and apply your learning to new situations?		
Are you able to work independently as well as collaboratively on tasks?		
Do you regularly participate and engage in classroom activities?		
Do you value learning and understanding as much as the grade you earn?		
MINDSET	Yes	No
Do you have successful work habits and organizational skills?		
Are you comfortable with productive struggle/academic challenges when learning?		
Do you attend school consistently?		
Do you have the grit to carry academic tasks to completion?		

**#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****#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****#301000**

Two Semesters      1 English Unit

**Literacy Explorations 7**  
**Literacy Explorations will support students' Language Arts class work, while also providing intensive reading intervention.**

This course is for seventh graders who have been identified by state and local testing data, and/or teacher recommendation. Teacher permission is required to register for this course. Literacy Explorations is a rigorous intervention class that will focus on a student's individual needs with spelling, vocabulary, reading, comprehension, grammar, fluency, and writing processes and conventions. Students will use the READ180 Intervention Program with an intense focus on literacy acceleration through skill-based texts and activities.

**Grade Level: 7****Prerequisite: Teacher Recommendation****#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****#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****#301500**

Two Semesters      1 English Unit

**Literacy Explorations 8**  
**Literacy Explorations will support students' Language Arts class work, while also providing intensive reading intervention.**

This course is for eighth graders who have been identified by state and local testing data, and/or teacher recommendation. Teacher permission is required to register for this course. Literacy Explorations 8 is a rigorous intervention class that will focus on a student's individual needs with spelling, vocabulary, reading, comprehension, grammar, fluency, and writing processes and conventions. Students will use the READ180 Intervention Program with an intense focus on literacy acceleration through skill-based texts and activities.

**Grade Level: 8****Prerequisite: Teacher Recommendation**

**#3020EL**

Two Semesters      2 English Units

**EL English Language Arts (EL-ELA1)**

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****Prerequisites: NONE****\*This course meets for two periods****#3010EL**

Two Semesters      2 English Units

**EL English Language Arts (EL-ELA2)**

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****Prerequisites: NONE****\*This course meets for two periods****ENGLISH/LANGUAGE ARTS ELECTIVE COURSES****#300750**

One Semester      0.5 Elective Unit

**Creative Writing**

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

**21st Century Communications**

Students will learn how to effectively communicate using various 21st century formats, such as Skype, podcasts, video blogs, YouTube, and TED Talks. Communication in this course will serve many purposes, including entertaining, informing, and persuading. 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 their 21st century lives.

**Grade Level: 7 and 8**

English Courses held only at the Innovation Campus:

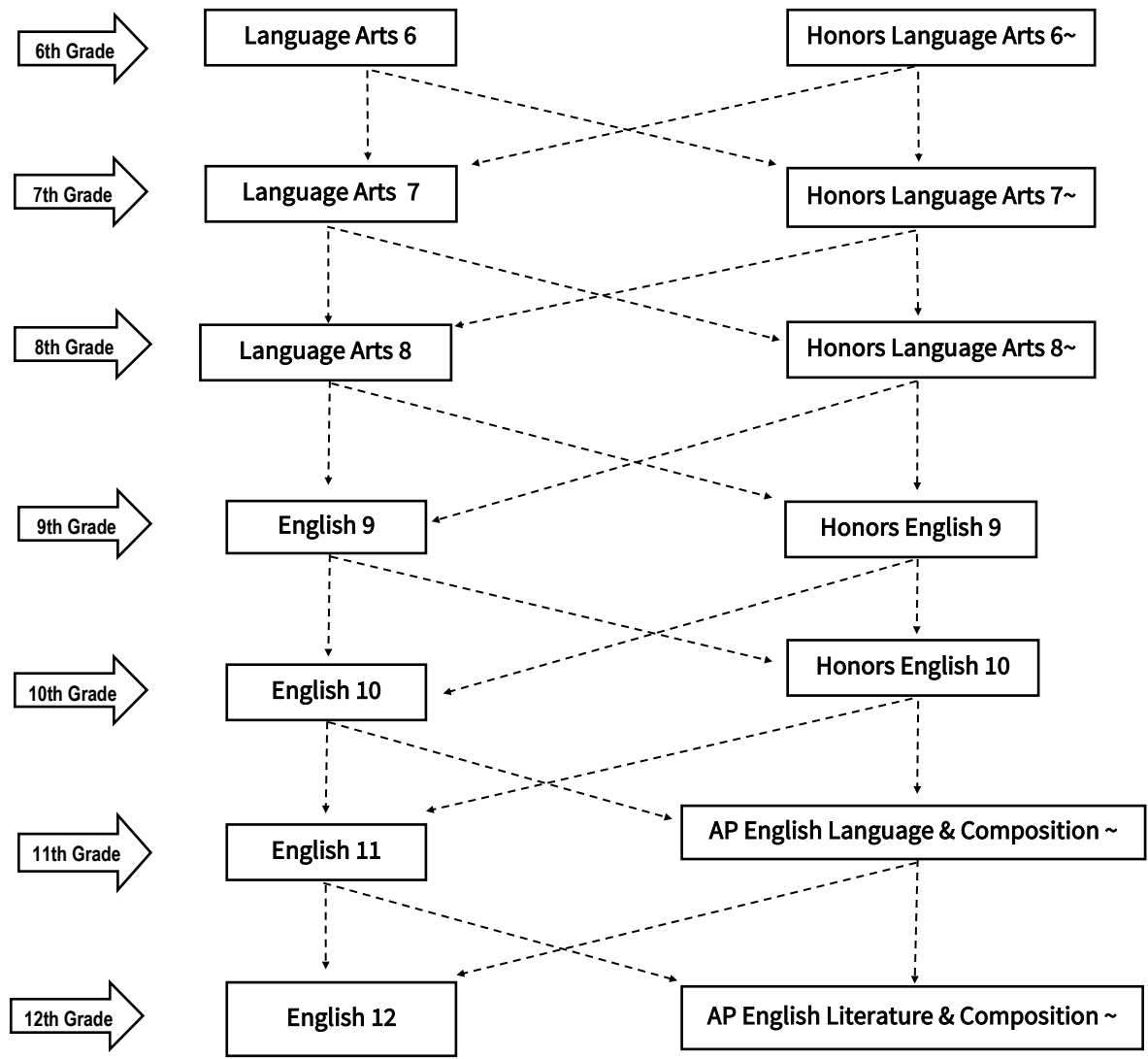
[7th Grade Core Infusion](#)  
[Honors 7th Grade Core infusion](#)  
[8th Grade Core Infusion](#)  
[Honors 8th Grade Core Infusion](#)

Hilliard City School District

English/Language Arts Course Sequence Grade 6-12

**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.

**Course Sequence Flow Chart**



~ These courses are considered Gifted Services.

**#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****#500200**

Two Semesters 1 Mathematics Unit

**Accelerated Math 7**

This course is aligned to Ohio Math Learning Standards for 7<sup>th</sup> and half of 8<sup>th</sup> 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**

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

**#50BL01**

Two Semesters 1 Mathematics Credit

**Algebra 1A / 1B**

**A student who enrolls in this course must enroll in Algebra 1A and 1B.** This high school accredited course is aligned to Ohio Math Learning Standards and is designed to provide students with a solid foundation upon which all future math courses will build. Concepts studied in this course include Understanding Functions, Systems of Linear Equations & Inequalities, Polynomial Expression & Equations, Graphing and Writing Linear, Quadratic and Exponential Functions, Working with Quadratic and Polynomial Expressions and Equations, and Statistical Analysis. All units incorporate a strong element of mathematical modeling. Students who successfully complete Algebra 1A/B proceed to Honors Geometry A/B.

**Grade Level: 7 and 8****Prerequisite: Accelerated Math 7**

**Suggested Criteria: Teacher recommendation AND Successful completion of 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 is aligned to Ohio Math Learning Standards for 8<sup>th</sup> grade. The instructional units for this course include Transformations in the Coordinate plane; Special Angle Relationships, Similarity and Dilations, Exponents and Scientific Notation, Irrational Numbers & The Pythagorean Theorem, Linear Equations, Functions & Linear Relationships, Exploring Data, and Volume of Curved Surfaces. Students will proceed from Math 8 to Algebra 1A/1B in High School.

**Grade Level: 8****#50BL13**

Two Semesters 1 Mathematics Credit

**Honors Geometry A / B**

**A student who enrolls in this course must enroll in Honors Geometry A and Honors Geometry B.** This course is aligned to Ohio Math Learning Standards but will also investigate extension topics beyond the required standards; many of which will require strong algebra skills. Students in this course will explore concepts more deeply, with higher rigor, and with high expectation of mastery.

Concepts studied in this course include Essentials of Geometry, Logic and Proof, Parallel & Perpendicular Lines, Rigid Transformations and Congruence, Properties of Triangles, Similarity and Dilations, Right Triangle Trigonometry, Circles, Conditional Probability, Polygons and Quadrilaterals, and Three Dimensional Geometry. Upon successful completion of Honors Geometry, students proceed to Honors Algebra 2.

**Grade Level: 8**

**Prerequisite: Students who successfully completes Algebra 1A/1B with an 83% or higher test average AND Teacher Recommendation**

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

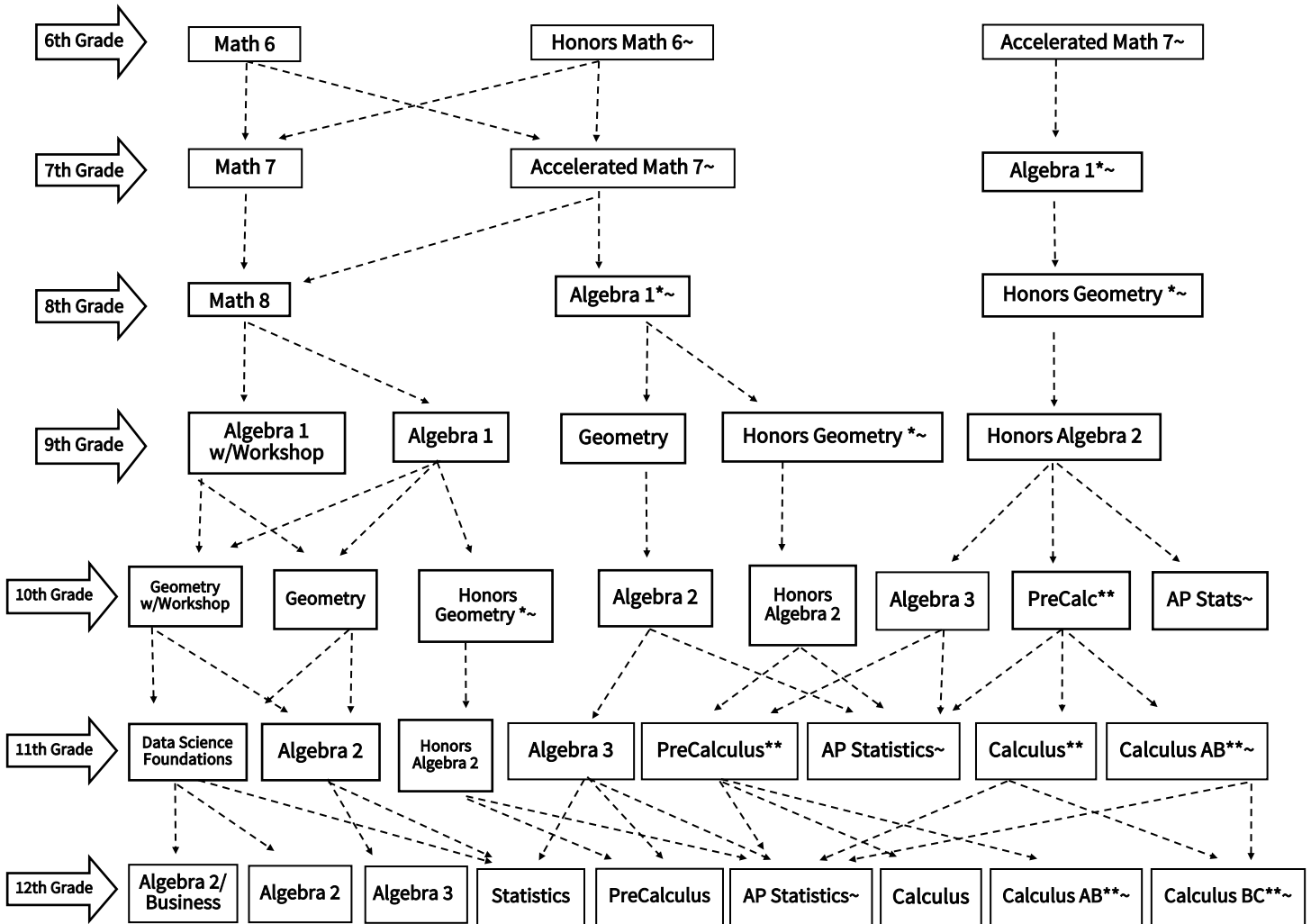
**Math Courses held only at the Innovation Campus:**

**[Math 7 Core Infusion](#)  
[Accelerated Math 7 Core Infusion](#)**

Hilliard City School District  
 Mathematics Course Sequence Grade 6-12

**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.

Course Sequence Flow Chart



\*This is a high school credited class. Your child's final grade will be posted on his/her high school transcript.

\*\* These courses may be taken concurrently with AP Statistics.

~These courses are considered Gifted Services.

**#550100**

Two Semesters 1 Science Unit

**Science 7**

This general science course is aligned to Ohio's Learning Standards. This science course focuses on helping students use scientific inquiry to discover patterns, trends, structures and relationships in nature. All of the topics within this course incorporate the cycling of matter and the flow of energy within a system. The main topics included in Science 7 are: ecosystems and biomes, ocean and atmospheric currents, cycles and patterns of the earth and the moon, the carbon cycle (photosynthesis and respiration) basic chemistry and the periodic table, and waves and electricity.

**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**

**Prerequisite: Concurrently enrolled in Accelerated Math 7 OR teacher recommendation**

**#550500**

Two Semesters 1 Science Unit

**Science 8**

This general science course is aligned to Ohio's Learning Standards. 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**

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**

**Prerequisite: Concurrently enrolled in Algebra 1 OR teacher recommendation**

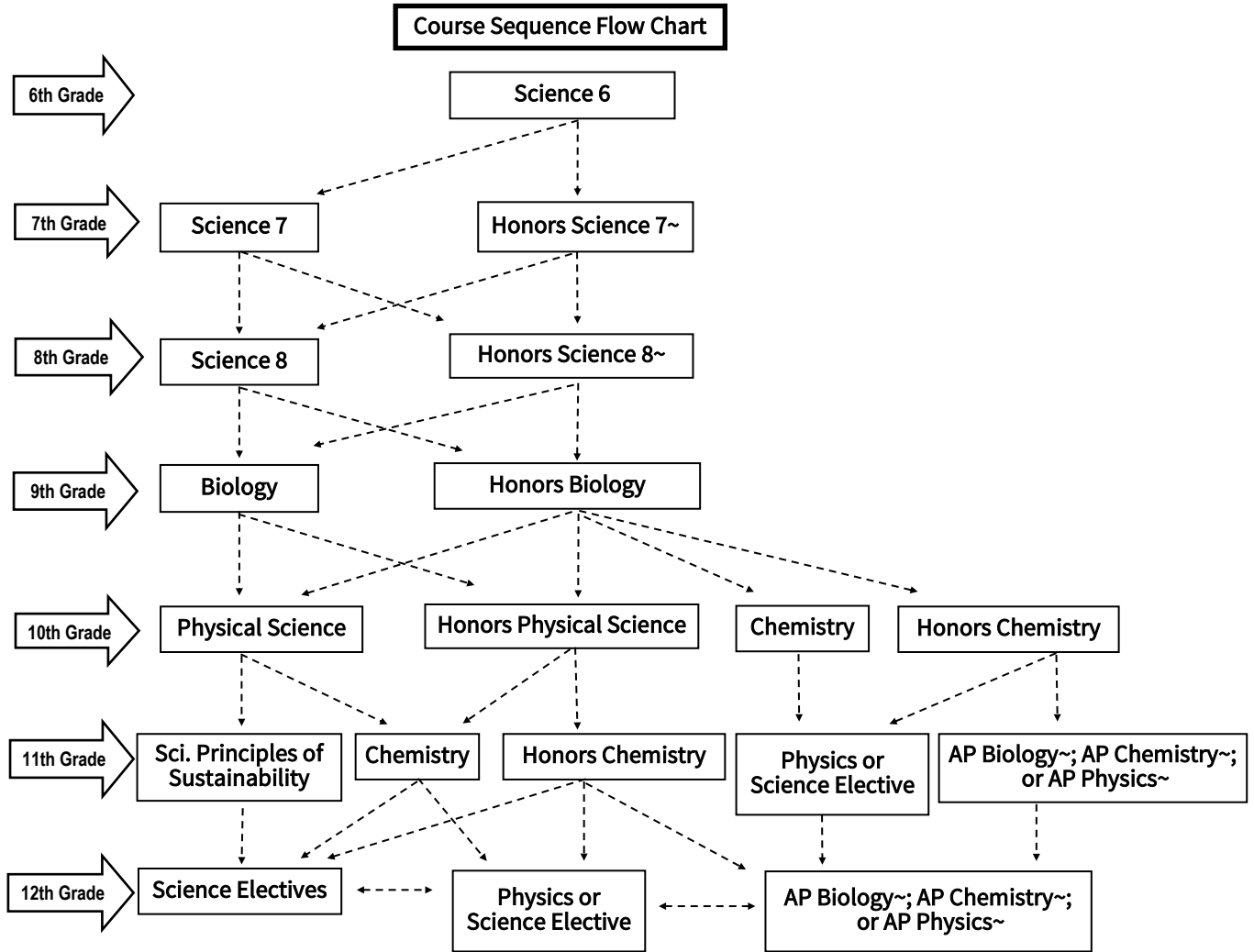
Science Courses held only at the Innovation Campus:

[7th Grade Core Infusion](#)  
[Honors 7th Grade Core infusion](#)  
[8th Grade Core Infusion](#)  
[Honors 8th Grade Core Infusion](#)



Hilliard City School District  
 Science Course Sequence Grade 6-12

**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.



←--→ This double arrow indicates that students may choose to take 2 sciences in the same academic year.

\***Science Electives:** Freshwater & Marine Ecosystems; Astronomy; Intro to Forensic Science; Human Anatomy & Physiology; Micro Biology & Life Structures; Geology

~These courses are considered Gifted Services.

**#600100**

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 world, even to the way we currently live, like geographic influence and change, social interactions and behaviors, cultural values, and economic influences and impact. The study of the Roman Empire will impact student learning regarding all early technology, government, and entertainment. Students will see how religion and the arts evolve as the Renaissance and Reformation movements shape the next hundred years. The Colosseum, Greek Gods, revolutions, and wars are just a few of the stops on this journey through world history.

**Grade Level: 7**

**#600200**



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 at an accelerated pace.

**Grade Level: 7**

Social Studies course held only at the Innovation Campus:  
[Project Citizen](#)

**#600500**

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**

**#600600**



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 ELECTIVE COURSES**

**#600700**

One Semester 0.5 Elective Unit

**Hail to the Chief**

This course will survey the history of the presidency and Washington D.C. It will include past and current presidential administrations and those individuals that have held the highest office in the land.

**Grade Level: 7 and 8**

**#600800**

One Semester 0.5 Elective Unit

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

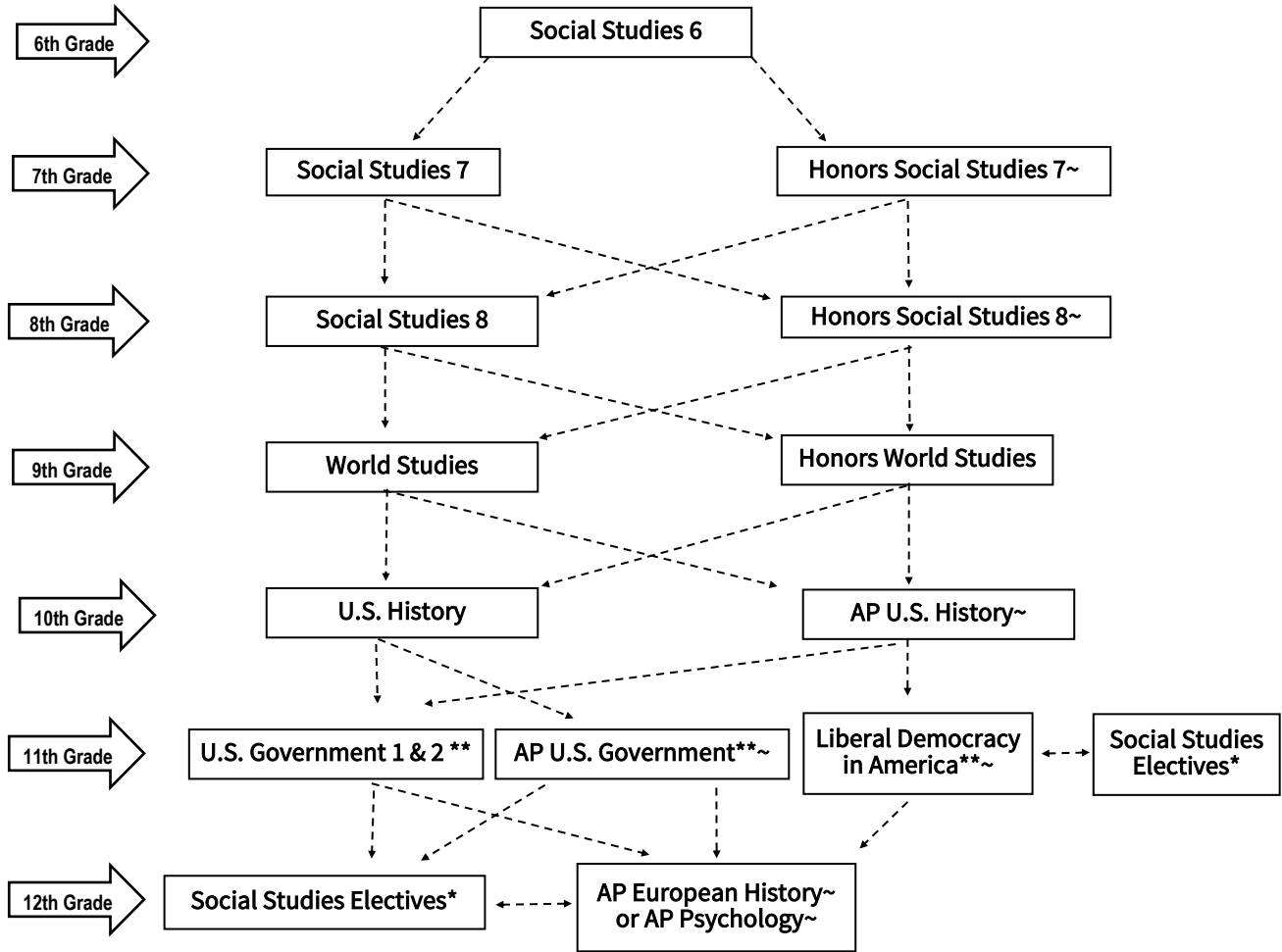
This class will examine the history of rock and roll and its origins from the 1950's until today. The class will emphasize rock and roll as an agent of social expression/ change while juxtaposing the music upon the political and social landscape of America at that time.

**Grade Level: 7 and 8**

Hilliard City School District  
Social Studies Course Sequence Grade 6-12

**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.

Course Sequence Flow Chart



← → This double arrow indicates that students may choose to take 2 Social Studies in the same academic year.

**\*Social Studies Electives:** Post World War 2 America; Contemporary World Issues; Sociology; Social Psychology; American History Through Film

**\*\*One of these course sequences/courses must be taken during the Junior year.**  
~These courses are considered Gifted Services.

**FAMILY & CONSUMER SCIENCES**

**#350100**

One Semester      0.5 Elective Unit

**Family Consumer Science**

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**

**#350005**

One Semester      0.5 Elective Unit

**Personal Decisions**

This course will help students develop a personalized approach to healthy living. An emphasis will be placed on developing personal health for an adolescent that can be used as they transition through life. Additional topics will focus on problem-solving, work ethics, nutritional and food selections, family dynamics and personal health.

**Grade Level: 7 and 8**

**MEDIA**

**#300375**

One Semester      0.5 Elective Unit

**Digital Media**

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**

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**

**Business Courses held only at the Innovation Campus:**  
[BE<sup>2</sup>TA](#)  
[Project EDU](#)  
[Project Business](#)

**#210100**

One Semester      0.5 Elective Unit

**Design & Robotics**

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**

**#210300**

One Semester      0.5 Elective Unit

**Magic of Electrons**

Magic of Electrons is a course that will combine elements of the design process and mechanical systems with the basic principles of electricity. Students will learn how to measure voltage and how to convert energy into electricity. A more in depth look at the design process will allow students to prototype motors and electrical circuits as well as test and create light circuits. Students will also explore 21<sup>st</sup> century technology to understand the logic and intricacies behind the devices that make our everyday lives more enjoyable. Automated systems and 3D design will be explored at an accelerated level. An intensive look at automation and robotics will allow students to enrich programming skills by applying them to solve modern day problems in a more efficient manner for real-world use.

**Grade Level: 7 and 8**

**Prerequisite: Design & Robotics**

**#210400**

One Semester      0.5 Elective Unit

**Coding & Collaboration**

This course is dynamic, fun, and so much more than computer coding. Students will develop collaborative problem solving skills using plugged and unplugged strategies. Experiential learning will take place in a hands-on, minds-on atmosphere where students will be encouraged to take risks, be creative, and fail forward. Input from business partners like Apple, Amazon, Chase, and Cardinal Health have guided the design and development of this course. Students will utilize Sphero Robots, Parrot Drones (yes we will fly and code drones), Micro:Bits, as well as various other activities.

**Grade Levels: 7 and 8**

**#100100**

One Semester 0.5 Elective Unit

**2D Art**

In Two Dimensional (2D) Art, students 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.

**Grade levels: 7 and 8****Prerequisite: None****#100500**

One Semester 0.5 Elective Unit

**3D Art**

In Three Dimensional (3D) Art, students 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.

**Grade levels: 7 and 8****Prerequisite: None****#100004**

One Semester 0.5 Fine Arts Credit

**Advanced 2D Art**

**Advanced 2D Art is a high school credited course.** 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.

**Grade levels: 7 and 8****Prerequisite: Must complete 2D Art.****#100009**

One Semester 0.5 Fine Arts Credit

**Advanced 3D Art**

**Advanced 3D Art is a high school credited course.** 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.

**Grade levels: 7 and 8****Prerequisite: Must complete 3D Art.**

Art courses held only at the Innovation Campus:  
[Project Art and Ecology](#)  
[Advanced Project Art and Ecology](#)

**#651000**

Two Semesters 1 Elective Unit

**Cadet Band**

Cadet Band is open to students who are just beginning or have already started 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 Cadet Band. Contact the instructor for additional information.

**Grade levels: 7 and 8****Prerequisite: Placement based on audition.****#651500**

Two Semesters 1 Elective Unit

**Concert Band**

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.

**Grade levels: 7 and 8****Prerequisite: Placement based on audition****#652000**

Two Semesters 1 Elective Unit

**Symphonic Band**

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.

**Grade levels: 7 and 8****Prerequisite: Placement based on audition**

#650019



Two Semesters 1 Fine Arts Credit

### Advanced Symphonic Band

*Advanced Symphonic Band is a high school credited course.*

Students in this course will demonstrate an advanced level of proficiency on their band instrument. Students accepted into this course must have earned an "A-" or better in their 7th grade band class. Students should be prepared to complete the requirements of Symphonic Band class, as well as building a portfolio which will include performance and written components.

**Grade Level: 8**

**Prerequisites:**

- *Earned a final grade of "A-" or better in 7th grade Band Class*
- *Auditioned into Symphonic Band for 8th grade year and/or received director approval based on achievement level of audition*

#650100

Two Semesters 1 Elective Unit

### 7th Grade Treble Choir

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.

**Grade Level: 7**

**Prerequisite: None - no previous singing experience is required**

#650500

Two Semesters 1 Elective Unit

### 8th Grade Treble Choir

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.

**Grade Level: 8**

**Prerequisite: None - no previous singing experience is required**

#650600

Two Semesters 1 Elective Unit

### 7th and 8th Grade Tenor-Bass Choir

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.

**Grade Level: 7 and 8**

**Prerequisite: None - no previous singing experience is required**

Music course held only at the Innovation Campus:

[Project VIBE](#)

#650030



Two Semesters 1 Fine Arts Credit

### Advanced Choir 8

*Advanced Choir 8 is a high school credited course.*

Students in this course will demonstrate an advanced level of proficiency in a choral setting. Students should be prepared to complete a rigorous set of criteria that includes the regular middle school performance/activity schedule, plus a music portfolio that may include but not be limited to performance and written assignments.

**Grade Level: 8**

**Prerequisites: Audition and teacher recommendation**

#652500

Two Semesters 1 Elective Unit

### Cadet Orchestra

Cadet Orchestra is open to students who are just beginning or have already started 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 in Cadet Band.

**Grade Levels: 7 and 8**

**Prerequisite: None**

#653000



Two Semesters 1 Elective Unit

### Concert Orchestra

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.

**Grade Levels: 7 and 8**

**Prerequisite: Placement based on audition**

#650039



Two Semesters 1 Fine Arts Credit

### Advanced Concert Orchestra

***Advanced Concert Orchestra is a high school credited course.***

Students in this course will demonstrate an advanced level of proficiency on violin, viola, cello, bass, piano, or harp. Students accepted into this course must have earned an A or better in Concert Orchestra during their 7th grade year. Students should be prepared to complete a rigorous number of assignments that include the regular middle school performance/ activity schedule, plus a music portfolio that may include but not be limited to performance and written assignments. Students should be prepared to complete the requirements of their Concert Orchestra class, as well as building a portfolio that will include performance and written components.

***Grade Level: 8***

***Prerequisites:***

- ***Must have earned A or better in a 7th grade orchestra course***
- ***Audition requirement assessed by committee of middle school and high school directors***
- ***Permission of instructor***

#654000

One Semester 0.5 Elective Unit

### Music Alive

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.

***Grade Level: 7 and 8***

***Prerequisite: None***

#40BL01



Two Semesters 1 Elective Credit

### French 1

***French 1 is a high school credited course.*** 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.

***Grade Level: 8***

#40BL05



Two Semesters 1 Elective Credit

### Spanish 1

***Spanish 1 is a high school credited course.*** 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.

***Grade Level: 8***

#40BL07




Two Semesters 1 Elective Credit

### Chinese 1

***Chinese 1 is a high school credited course.*** 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.

***Grade Level: 8***

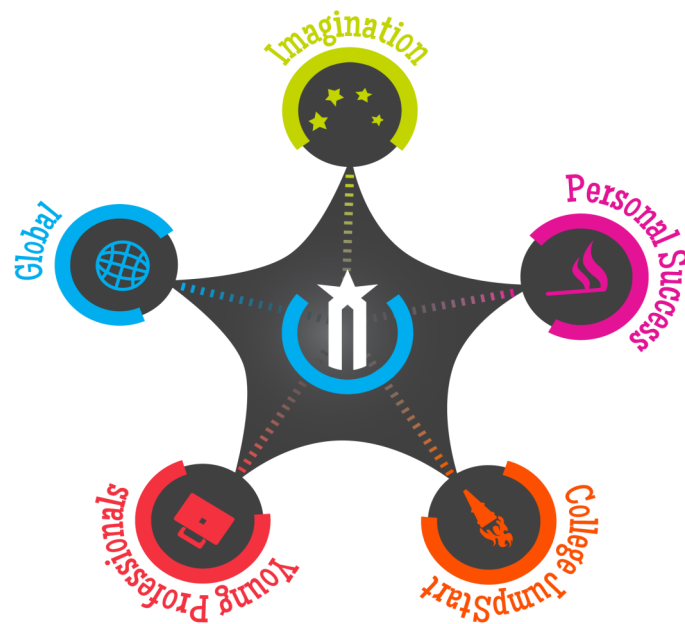


#450100	0.5 Elective Unit	#450500	0.5 Elective Unit	#450004	0.25 P.E. Credit*
<p><b>Physical Education/Health</b>                      This class provides daily activities that allow improvement in the areas of muscular endurance, muscular strength, flexibility, cardiovascular endurance, agility and 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: <u>Required 7th grade</u></b>   <b>Prerequisite: None</b>  <b>Note: Clothing suitable for Physical Education required</b></p>		<p><b>Fitness</b>                      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>Prerequisite: None</b>  <b>Note: Clothing suitable for Physical Education required</b></p>		 <p><b>Advanced Physical Education</b>  <b><i>Advanced Physical Education is a high school credited course.</i></b>                      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>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>  <b><i>*This course is worth 0.5 units when registering, but counts as 0.25 High School credits on the transcript</i></b></p>	



# INNOVATION CAMPUS

HILLIARD CITY SCHOOLS



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



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 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.



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/Discover Design Thinking

The focus of the Core Infusion program is to create critical thinkers and innovators. This is a multidisciplinary approach that pairs Language Arts 7, Science 7, and Discover Design Thinking. 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, three 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**

**Prerequisite: None**

### #550100

Two Semesters

1 Science Unit

#### Science 7

This general science course is aligned to Ohio's Learning Standards. This science course focuses on helping students use scientific inquiry to discover patterns, trends, structures and relationships in nature. All of the topics within this course incorporate the cycling of matter and the flow of energy within a system. The main topics included in Science 7 are: ecosystems and biomes, ocean and atmospheric currents, cycles and patterns of the earth and the moon, the carbon cycle (photosynthesis and respiration) basic chemistry and the periodic table, and waves and electricity.

**Grade Level: 7**

**Prerequisite: None**

### #350105

Two Semesters

1 Elective Unit

#### Discover Design Thinking

This class will help students develop their own human-centered design process through real world projects and deep collaboration with teammates within the Core Infusion program. The class is project-based and emphasizes adopting new behaviors of work. Students are expected to try new ways of approaching problems and contribute to the learning of others.

**Grade Level: 7**

**Prerequisite: None**



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.

## #988100 Honors 7th Grade Core Infusion – ELA/Science/Discover Design Thinking

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, Honors Science 7, Discover Design Thinking. 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, three 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**

*Students will be recommended for this course based on STAR scores, writing scores, and grade 6 teacher recommendation.*

#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**

*Prerequisite: Concurrently enrolled in Accelerated Math 7 OR teacher recommendation*

#350105

Two Semesters

1 Elective Unit

### Discover Design Thinking

This class will help students develop their own human-centered design process through real world projects and deep collaboration with teammates within the Core Infusion program. The class is project-based and emphasizes adopting new behaviors of work. Students are expected to try new ways of approaching problems and contribute to the learning of others.  
**Grade Level: 7**

**Grade Level: 7**

*Prerequisite: None*



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 with We Build it Better

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 We Build it Better elective. Curriculum will be built thematically around Math 7 standards and the concepts in the We Build it Better 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.

**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

### We Build it Better

We Build It Better packages workforce concepts and skill-building activities together in a unique learning experience. The WBIB 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. Each classroom will become a fun, interactive workplace-stocked with industry-grade tools manufactured by Snap-on- where students embrace the product design process, ultimately becoming inventors and innovators equipped with the skills for success.



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.

#988160

## Accelerated Math 7 Core Infusion with We Build it Better

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 We Build it Better elective. Curriculum will be built thematically around Math 7 standards and the concepts in the We Build it Better 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**

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

#216100

Two Semesters

1 Elective Unit

### We Build it Better

We Build It Better packages workforce concepts and skill-building activities together in a unique learning experience. The WBIB 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. Each classroom will become a fun, interactive workplace-stocked with industry-grade tools manufactured by Snap-on- where students embrace the product design process, ultimately becoming inventors and innovators equipped with the skills for success.



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**

**Prerequisite: Successful completion of Language Arts 7**

#550500

Two Semesters

1 Science Unit

### Science 8

This general science course is aligned to Ohio's Learning Standards. 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**

**Prerequisite: Successful completion of Science 7**

#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**

**Prerequisite: It is recommended for enrollment in this course that students complete Language Arts 7 with a grade of "A" or Honors Language Arts 7 with a grade of "B" or higher. STAR scores will also be considered for a student's recommendation for this honors course.**

#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**

**Prerequisite: Concurrently enrolled in Algebra 1 OR teacher recommendation**





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.

#45009

One Semester

1 Elective Unit



### Discover Ur Happiness

What are the things that you love? How do you show what you know? How do you solve problems to better your life and the lives of those you love and care about? How do you learn more about yourself through collaboration and working with others? Ultimately, how do you become the best version of you? Our focus in this class will be on creativity, growth mindset, and utilizing the Design Thinking Framework to solve real-world problems to help increase positivity for us and those around us. We each have a unique formula that makes us happy, and you will discover the power of happiness through hands-on experiences based on your personal interests. By pursuing happiness, hope and resilience, we will learn that small shifts in our everyday lives can make a big impact. During Discover Ur Happiness, we will help you discover more about who you are, and how you can work to spread happiness throughout our community. This semester-long, double-blocked class is held on the Innovation Campus. **Enrollment is limited.**

**Grade Level: 7 and 8**

**Prerequisite: None**

#655000

One Semester

1 Elective Unit



### 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**

**Prerequisite: None**

#600850

One Semester

1 Elective Unit

### Project Citizen

As citizens in the 21st century, we are able to experience major movements (social, political, economic) in real time. The goal of this course is to allow students to investigate the events taking place as they happen through questions, research, discussion, and action. Students will learn how they can actively participate in their communities to make positive and authentic change. This student-led, student-engaged, experience will pull resources ranging from the Constitution to Twitter, in hopes of gaining as much perspective as possible and allow students to make decisions based on evidence from the past and present. This is a semester long, two period block and is located on the Innovation Campus.

**Enrollment is limited.**

**Grade Level: 7 and 8**

**Prerequisite: None**



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.

#150057

One Semester

1 Elective Unit

### 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*

*Prerequisite: None*

#110200

One Semester

1 Fine Art Unit

### Project Art and Ecology

This introductory class is based on current environmental issues with a focus on how to create real world solutions through art. Emphasis will be on the theme of reducing, reusing, and recycling material to create art. Students will explore spatial relationships and the intersection of ideas and materials as a foundation to create visually balanced works of arts. The goal of the course is to educate, create advocacy opportunities and empower students to be agents of change in their own communities. This is a semester-long, 2 period block, held at the Hub on the Innovation Campus. **Enrollment is limited.**

*Grade level: 7 and 8*

*Prerequisites: None*

#110300

One Semester

1 Fine Art Credit

### Advanced Project Art and Ecology



Advanced Art and Ecology is a high school credited course. Students in this course will extend their learning with greater depth in art by meeting high school art standards. Students participating in Advanced Art and Ecology will be responsible for writing a researched-based studio project and creating a teacher-guided studio project connected to the research. This is a semester-long, 2 period block, held at the Hub on the Innovation Campus. **Enrollment is limited.**

*Grade level: 8*

*Prerequisites: None*



The Young Professionals Network is designed for the student who wants to experience school through authentic learning opportunities 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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**#350500**

One Semester

1 Elective Unit

### 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*

*Prerequisite: None*

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**#150500**

One Semester

1 Elective Unit

### Project Business

Designed for students interested in business, this course focuses on market trends and current events that impact business decisions and create opportunities for designing new, innovative products. Students will be challenged to generate product ideas that will positively impact our communities through the design thinking process. Through experiential learning, students will focus on several aspects of business, including entrepreneurship, product development, marketing, advertising, sales, finance, business operations and potential business career opportunities. Students will build a foundational knowledge of business and marketing, which will provide them with career-ready skills that may be applied to any career field they choose to pursue. This is a semester-long, 2-period block, held on the Innovation Campus. **Enrollment is limited.**

*Grade Level: 8*

*Prerequisite: None*

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**#997000**

One Semester

1 Elective Unit

### Health Professionals Academy

The Health Professionals Academy 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*

*Prerequisite: None*