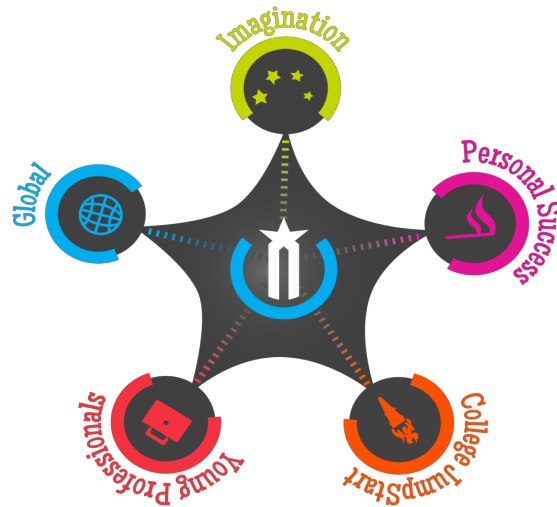




INNOVATION CAMPUS

HILLIARD CITY SCHOOLS

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



Are you plugged in?

Networks Defined

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.

Imagination Network



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 with an Emphasis on Design Thinking

Grade 7

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 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.

#300100

Two Semesters 1 English Unit

Language Arts 7

Language Arts 7 is closely aligned to Ohio's Learning Standards. Language Arts 7 is designed to accelerate student achievement in reading, writing, listening, and speaking. The course includes blocks of time devoted to teacher-directed lessons on reading and writing, monitored reading, vocabulary development, and grammar and usage.

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.

Enrollment is limited.

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 that may be described by simple principles. These principles are related to the properties or interactions within and between systems. Students will explore how systems can exchange energy and/or matter when interactions occur within systems and between systems. Throughout this exploration, students will study cycles and patterns of the earth and the moon; conservation of mass and energy; and cycles of matter and flow of energy.

Grade Level: 7

Prerequisite: None

Imagination Network



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 Grade 7 Core Infusion with an Emphasis on Design Thinking

Honors Grade 7

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 Visual Solutions. 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 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.

#300200


Two Semesters

1 English Unit

Honors Language Arts 7

Students taking Honors Language Arts 7 cover the same standards of Language Arts 7 but with greater depth and at an accelerated pace.

Grade Level: 7

Suggested Criteria:

Superior Cognitive Identification and Gifted Reading Identification

**Grade 6 Winter STAR scaled score of 961 or higher
Concurrent enrollment in Accelerated Math 7 or higher AND 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 AND teacher recommendation

#100600

Two Semesters

1 Elective Unit

Discover Visual Solutions

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.

Enrollment is limited.

Grade Level: 7

Prerequisite: None

Imagination Network



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 with an Emphasis on Design Thinking**

Grade 8

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 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.

#300500

Two Semesters

1 English Unit

Language Arts 8

Language Arts 8 is closely aligned to Ohio's Learning Standards. Language Arts 8 is centered on high-quality contemporary and classic literature, supported by skills instruction and practice in critical reading, writing, vocabulary, grammar, and usage.

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 explore plate tectonics as they continue to draw conclusions from scientific evidence that support theories related to the change of the Earth's surface. Seismic waves (earthquakes) and their transfer of energy will be studied. Geological time scale, dating of rocks, land formations, constructive and destructive processes will be explored within this unit.

Students will be able to explain how extinction of a species occurs when the environment changes and its adaptive characteristics are insufficient to allow survival. In life science, students 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 seen and unseen forces on other objects.

Grade Level: 8

Prerequisite: Successful completion of Science 7

Imagination Network



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.

#989050



8th Grade Honors Core Infusion with an Emphasis on Design Thinking

Honors Grade 8

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

#300600



Two Semesters

1 English Unit

Honors Language Arts 8

Students taking Honors Language Arts 8 cover the same standards of Language Arts 8 but with greater depth and at an accelerated pace.

Grade Level: 8

Prerequisite: Successful completion of Language Arts 7 or Advanced Language Arts

Suggested Criteria:

Superior Cognitive Identification and Gifted Reading Identification

**Grade 7 Winter STAR scaled score of 1102 or higher
Concurrently enrolled in Algebra AND teacher recommendation**

#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 AND teacher recommendation

Imagination Network



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.

Project Discover

Registering for Project Discover includes the following (2) courses that will be taught at the Innovation Campus as a double block for one semester.

#985000 Project Discover One Semester 1 Elective Unit

#350600 One Semester 0.5 Elective Unit

#300350 One Semester 0.5 Elective Unit

Intro to Discovery

Intro to Discovery encourages creativity and critical thinking by developing problem solving and decision making skills using the Design Thinking process. Through the course, students will apply real-world skills to discover personal drive and think more productively. The course will include critical effective communication skills for the 21st century.

Enrollment is limited.

Grade Level: 7

Prerequisite: None

Creative Publications

This highly personalized course will use a 20-square feet of space approach to launch students into a discovery of their passions and purpose from a global perspective. Students will learn how to create relevant and exciting content about events happening in the Hilliard City School District while being exposed to a variety of writing styles and methods. Through creative expression, they will develop skills in writing, 21st-Century communication and videography. Whether it is the basketball team, the newest club, or the Friday night dance, students in this class will highlight a variety of groups and activities, as told through their personal lens. Relevant project based learning created by student collaboration may be published via the school announcements, school webpage, podcasting and/or school social media in order to provide an authentic audience and real-world learning experience for students.

Enrollment is limited.

Grade Level: 7

Prerequisite: None

#986000 The Happiness Equation One Semester 1 Elective Unit

#450008 One Semester 0.5 Elective Unit

#450L09 One Semester 0.5 Elective Credit 

The Happiness Equation

"Success in anything begins with happiness." We each have a unique formula or equation that makes us happy. This class will help you develop or unlock your equation for daily joy and lasting fulfillment and then make it contagious by broadcasting it out to the world around you. 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. Topics include happiness, self-esteem, empathy, friendship, love, achievement, creativity, music, spirituality, and humor - This course is inspired by one of Harvard's most popular electives. This semester long class is a double period held on the Innovation Campus.

Enrollment is limited.

Grade Level: 7 and 8

Prerequisite: None

Everyday Leaders

This online course is offered to students participating in The Happiness Equation course at the Innovation Campus. It is designed to inspire students to lead from their 20 square feet to positively influence others and improve overall well-being. Using the social-emotional model along with the R-Factor framework, students will learn how to develop personalized skills that can be applied to multiple areas of life. This course emphasizes the importance of exercising everyday leadership and social-emotional qualities in order for students to learn the balance of responsibilities at home, school, and community. Ultimately, the course is intended to help students become more effective leaders in contexts where they currently serve or in which they desire. This semester long class is a double period held on the Innovation Campus. This is an online course.

Enrollment is limited.

Grade Level: 7 and 8

Imagination Network


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.

#150057

One Semester

1 Elective Unit


BE²TA- Business, Entrepreneurship, Engineering, Technology and 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, 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 and is located on the Innovation Campus.

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.

Grade level: 7 and 8

Prerequisites: None

Imagination Network



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.

#989200



iGeo—Integrated Geometry and App Development

This course is for 8th graders in Geometry that also have an interest in App Development. There is no coding prerequisite for this double block program as students will review concepts from Swift and begin understanding the Xcode platform and specific programming languages that support app development. This integrated approach to learning geometry and coding will emphasize conceptual problem solving, logic, reasoning, and applied geometry with a focus on properties and relations of points, lines, surfaces, solids, and higher dimensional analogs. Students will receive high school credit for both Geometry and App Development. This is a year-long, two period block and is located on the Innovation Campus.
Suggested Criteria: 8th Grade enrolled in Geometry

#150056



Two Semesters

1 Elective Credit



App Development

Students will learn to create applications for mobile devices using a variety of commercial and open source software. They will install these applications, modify them, and develop customer service skills to handle user issues. Knowledge and skills related to customer service in professional offices, small businesses, departments, work groups, and corporate information services will be addressed.

Grade Level: 8**Prerequisite:** None

#500021



One Semester

.5 Mathematics Credit

Geometry A

A student who enrolls in this course must also enroll in Geometry B.

Geometry A/B is a high school accredited course and is aligned to Ohio's Math Learning Standards. Geometry A/B is the appropriate course for students who have successfully passed Algebra 1. This course explores the relationships between different types of plane and solid figures in order to improve students' ability to see patterns, improve their critical thinking and problem solving skills and to apply geometric principles to the world around them. Units studied in Geometry A include essentials of geometry; logic and formal proof; angles formed by parallel and perpendicular lines; congruence and rigid transformations; and triangles and their properties. Students who successfully complete Geometry A will proceed to Geometry B.

Prerequisite: Successful completion of Algebra 1

#500022



One Semester

.5 Mathematics Credit

Geometry B

A student who enrolls in this course must also enroll in Geometry A.

Geometry A/B is a high school accredited course and is aligned to Ohio's Math Learning Standards. Geometry A/B is the appropriate course for students who have successfully passed Algebra 1. This course explores the relationships between different types of plane and solid figures in order to improve students' ability to see patterns, improve their critical thinking and problem solving skills and to apply geometric principles to the world around them. Units studied in Geometry B include similarity and non-rigid transformations; circles and their properties; right triangle trigonometry; properties of quadrilaterals and polygons, extending area, surface area and volume, and conditional probability. Students who successfully complete Geometry A/B will proceed to Algebra 2 or Honors Algebra 2.

Prerequisite: Geometry A

Global Network



Global Network - This network prepares learners for lives 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 a global community.

#983300

German 1 and Social Studies 8 or Honors Social Studies 8

#400016



Two Semesters

1 Elective Credit

German 1A

German 1 is a high school credited course.

A student who enrolls in this course must also enroll in German 1B.

Students begin their introduction to German by focusing on the five key areas of language study: listening, speaking, reading, writing and culture. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, interactive cultural presentations and task-based activities to reinforce vocabulary and grammar. There is an emphasis on providing context and conversational examples for the language concepts presented in each unit. Students will become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations and respond appropriately to basic conversational prompts, analyze and compare cultural practices and perspectives of various German-speaking countries and take formal and non-formal assessments to monitor language growth.

Grade Level: 8**Prerequisites: None**

#400017



One Semester

.5 Elective Credit

German 1B

German 1 is a high school credited course.

A student who enrolls in this course must also enroll in German 1A.

This course is a continuation of German 1.

Prerequisites: German 1A

#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**Prerequisite: Successful completion of Social Studies 7**

#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**Prerequisite: Successful completion of Social Studies 7 or Advanced Social Studies 7****Suggested Criteria: Grade 7 Winter STAR scaled score of 1102 or higher**

Young Professionals Network



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.



Project EDU

#983000

One Semester

1 Elective Unit

Project EDU

#350500

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 Scioto Darby Elementary students to gain a minimum of 24 hours of hands-on learning experiences with students.

Grade level: 8

Prerequisite: None

Young Professionals Network



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.

Project Business

Registering for Project Business includes the following course that will be taught at the Innovation Campus as a double block for one semester.

#984000

One Semester

1 Elective Unit

Project Business
#150500

Project Business introduces students to business and marketing concepts that are included in more detail in Business Academy, a high school 2 year program at the Innovation Campus. Students in Project Business will learn about business operations, product development, entrepreneurship, advertising, sales, finance and career options in the business and marketing fields. In this project-based course, students are encouraged to creatively generate ideas in both independent and collaborative settings. Project Business provides an authentic, hands-on learning experience where students are challenged to apply their knowledge of business concept.

Grade Level: 8

Prerequisite: None

Young Professionals Network



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.

Project Health Professionals

Registering for Young Professionals includes the following course that will be taught at the Innovation Campus as a double block for one semester.

#997000

One Semester

1.0 Elective Unit

Health Professionals Academy

- Intro to Health Professionals
- Intro to Health Technology

This first course in the career field provides students an overview of the opportunities available in the healthcare industry. Students will learn fundamental skills in effective and safe patient care that can be applied across a person's lifespan.

The Health Professionals Academy middle school semester course is designed to expose students to the many opportunities available in the health care 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, and an essential review of anatomy. This course should assist a student that is unsure if the health field is right for them, and also to further refine direction if the student is confident they would like to pursue this direction.

Grade Level: 8

Prerequisite: None