

Hamilton Southeastern Intermediate/ Junior High Scheduling Information

Incoming 8th Graders 2023-2024

Plans are underway for next year's classes for junior high students. In order to begin our scheduling process, we need an accurate count of enrollees for the elective classes. Students will choose between Full Year Elective options, with the opportunity for exploratory options. Students who choose a Full Year Elective may take art, band, choir or orchestra. They also have the opportunity to select co-requisite classes and exploratory options.

Seventh grade math, science, and English teachers will be asked to make recommendations for placement for the eighth grade. Students currently in Advanced Math 7 will be recommended for Math 8 (Pre Algebra) or Honors Algebra I. Advanced placement in Math is determined by multiple factors, including test scores and mastery of prerequisite skills as determined by the teacher. Students currently in Honors Algebra I will take Honors Geometry next year (pending teacher recommendation). Students currently in Math 7 will take Math 8 (Pre Algebra). English and science teachers will recommend students for placement in the advanced sections of eighth grade English and science. Students will receive high school credit in Honors Algebra, Honors Geometry and World Language. If you have questions concerning how your child will be recommended for math, science and English, please contact your child's math, science or English teacher.

A World Language Option is offered to those students who intend to study five years of World Language prior to graduating high school. This grade WILL go on a high school transcript, count towards high school credit, and count towards high school Grade Point Average. (There is NO option to be removed from this course once enrolled) World Language is considered an ELECTIVE; thus; it will take the place of other course offerings. Those students, who choose the World Language Option, will have a choice between French, German and Spanish. The class will be taught and graded as a high school world language class. Successful completion of the class in eighth grade qualifies students for the next level of their chosen language in ninth grade. The current world language requirements for the Core 40 with Academic Honors Diploma require that students earn 6 or 8 credits in world language.

Students will be submitting their elective choices on their iPad during the school day at HIJH. If you have questions, or would like to make changes to your child's course requests once they've been submitted, please contact the guidance office. Please remember that you are choosing these courses for the entire school year.

Schedule changes WILL NOT BE MADE AFTER MAY 25, 2023, LAST DAY OF SCHOOL.

EIGHTH GRADE COURSE OFFERINGS

CORE CLASSES

ENGLISH 8

MATH 8

SCIENCE 8

SOCIAL STUDIES

WELLNESS (Semester)

ELECTIVE CHOICE – FULL YEAR ELECTIVE OPTION

WORLD LANGUAGE OPTION (Optional)

ART & DESIGN 8

BAND

CHOIR

ORCHESTRA

EXPLORATORY OPTIONS - Reference Course Descriptions below

ART STUDIO (Nine weeks)

MUSIC LAB (Nine weeks)

ENGINEERING AND TECHNOLOGY - (Semester)

JOURNALISM/PUBLICATIONS - (Semester)

NOVEL AND FILM STUDIES - (Semester)

ADVANCED PHYSICAL CONDITIONING - (Semester)

YOGA AND PERSONAL FITNESS - (Semester)

EXPLORING FOODS – (9 weeks)

CO-REQUISITE OFFERINGS- Reference Course Descriptions below

SHOW CHOIR - (Semester 1)

MUSICAL THEATRE - (Semester 2)

PEP BAND - (Semester 1)

JAZZ BAND - (Semester 2)

ABC ORCHESTRA - (Semester)

**some courses are subject to change*

8TH GRADE COURSE DESCRIPTIONS 2023-24

English 8 – The three major areas studied in English 8 are literature, writing, and oral communication. Grammar, mechanics, and vocabulary are integrated throughout the course in all areas. Students will delve into the world of poetry, novels, short stories, and drama. Students will participate in debates, drama, historical fiction studies, oral presentations, essays, creative writing, reader response, research papers and long-term projects.

Advanced English 8 – The three major areas studied are literature, writing, and oral communication. Students will delve into the world of poetry, novels, short stories and classic studies. Students will participate in debates, drama, historical fiction studies, oral presentations, analytical essays, creative writing, reader response, research papers and long-term projects. The reading level of the material in Advanced English is higher than that of regular English and the curriculum is, in general, more demanding. *Placement is through teacher recommendation.*

Regular Math 8- This course prepares students for Algebra I. The curriculum includes the following: graphing functions, unit rates, proportional relationships, the Pythagorean Theorem, percent, geometry, and problem solving.

Honors Algebra I- This course prepares students for Honors Geometry. It is a high school honors level Algebra I course, and placement is determined by multiple factors, including test scores and mastery of prerequisite skills as determined by the teacher. After successful completion of this course, students go directly into Geometry or Honors Geometry, pending teacher recommendation. The curriculum topics are the same as Algebra I but are covered more in depth and at a faster pace. Students WILL receive high school credit for this course.

Honors Geometry- This is a high school Honors Geometry course, and placement is determined by multiple factors, including test scores and mastery of prerequisite skills as determined by the teacher. This course primarily covers plane geometry with some solid geometry topics. There is focus on the geometry concepts of proof and problem solving. After successful completion of this course, students go directly into Algebra II or Honors Algebra II, pending teacher recommendation. The course stresses logical, mathematically sound principles to prove new concepts. Properties and relationships of geometric figures, coordinate geometry, trigonometric ratios, polygons, and spatial drawing are all included. Students WILL receive high school credit for this course.

Science 8 – In eighth grade science, students will study chemistry and physics. Students will gain a better understanding of the different concepts involving chemistry and physics through a hands-on approach. Major projects include the egg-drop project, the Rube Goldberg project and an element research project.

Advanced Science 8 – In eighth grade science, students will study chemistry and physics. Students will gain a better understanding of the different concepts involving chemistry and physics through a hands-on approach. Major projects include the egg-drop project, element research project, the Rube Goldberg project as well as a full science fair project. A student in this class should have a strong interest in science, be willing to work daily in preparation for the next day, be a critical thinker in the science world, be able to apply concepts and skills being taught, and utilize higher level thinking skills while acquiring knowledge. *Placement is based on grades and teacher recommendation.*

Social Studies 8 – Eighth grade social studies will focus on United States history from the original inhabitants of North America through the reconstruction of the South after the civil war. As we chronologically work our way through history, we will also take a look at the foundation of our government and the processes of how it works even to the present day!

Wellness – This goal of this course is to improve the health of the whole person – physically, mentally, emotionally and socially. All Wellness students must wear a P.E. uniform for the physical education component of Wellness. Wellness will cover units on consumer health, personal wellness, growth and development, the body systems, communicable and non-communicable diseases, AIDS prevention, abstinence and substance abuse. 8th Grade Wellness is a semester course.

World Language – Students electing to take World Language will have a choice between French, German and Spanish. Each of these courses will be taught and graded as a high school world language course. Students will interact with the language during class to naturally build fluency starting with reading and listening comprehension, then beginning some speaking and writing proficiency. This grade WILL go on a high school transcript and will be reflected in the high school GPA. (There is no option to be removed from this course once enrolled). Successful completion of world language classes in 8th grade qualifies the student for the next level of their chosen language at the 9th grade level.

Art & Design Studio 8 , Full Year – Students will have the opportunity to create a variety of both two and three dimensional art projects. You will explore drawing, painting, printmaking, clay, sculpture, mixed media; design, art history, criticism, and aesthetics. You will have the opportunity to explore topics and materials in great depth and with a lot of creative freedom; and will have the options to paint a brick in the hallway, learn and use the pottery wheel, and become a member of our National Junior Art Honor Society chapter.

Art & Design Studio, 9-Week Courses– These are nine-week courses for any student who would rather take a less in-depth and broad approach to Art than in the Full Year option. Students may take up to six nine weeks courses for their elective periods in 8th grade; since Full Year Art & Design counts as four, these full year students may ALSO enroll in two 9 weeks courses. Options are 2D Design OR 3D Design OR Painting and Printmaking OR Ceramic and Sculpture Design. Pottery wheel and painting a brick will NOT be available in the nine-week courses.

Choir, Full Year - All Choirs will participate in three to four concerts during the school year including Fall, Winter, March Festival and Spring Concerts. HIJH Choirs sing a variety of styles of music throughout the year including some show choir style pieces. *Panther Sound* is an advanced ensemble made up of 7th and 8th grade male and female choir students and *Panther Sensation* is an advanced 7/8 choir made up of female choir students. Students are selected for these advanced ensembles based on leadership qualities in part singing, sight-reading, rehearsal technique and etiquette and performance qualities and practice habits. Singers will sing three and four part music. *Panther Singers* is a beginning level women's choir and *Panther Edition* is a beginning level men's choir singing two and three-part music throughout the school year. No prior experience is necessary for these ensembles.

Show Choir (Semester 1) - This class is open to any 8th grade student who is enrolled in a full year ensemble (choir, band or orchestra). No audition is required as long as the student is enrolled in an ensemble. We will sing popular music possibly including some acapella in a show choir setting. Some dancing will occur although no previous experience is necessary. We will create, rehearse and perform a show choir “set” by the end of the semester.

Musical Theatre (Semester 2) - This class is open to any 8th grade student who is enrolled in a full year ensemble (choir, band or orchestra). No audition is required as long as the student is enrolled in an ensemble. We will rehearse and perform a cabaret from Broadway musicals during our semester together paying special attention to a musical theatre style of singing and movement on stage. This is an introduction to musical theatre class and no previous stage experience is required. This class will also learn about the behind the scenes work of a musical production including set & costume design, crew work.

Band, Full Year – **Symphonic Band** is for advanced 7th and 8th grade band students who display leadership qualities through practice habits, playing skill, and daily class work ethic. Performances include Fall, Winter, and Spring Concerts as well as band contest and solo and ensemble contest. *The intermediate school and junior high school directors select membership.* This is a year-long course. **Concert Band** is an intermediate level group for 7th and 8th grade students. Performances include Fall, Winter, and Spring Concerts as well as band contest and solo and ensemble contest. *The intermediate and junior high school directors select membership.* This is a year-long course. **Beginning Band** is offered to any 7th or 8th graders who want to learn to play an instrument. Students will perform at the Winter and Spring Concerts. Participation in band or orchestra will require the rental of an instrument. Students will be fitted to an instrument within the first few weeks of school. Once an instrument has been selected, it will be the responsibility of the parents and students to obtain an instrument. Information regarding instrument rental will be handed out at the start of the school year. This is a year-long course. Band classes meet daily.

Pep Band (Semester 1) - This class is open to any 8th grade student who is playing in regular band. No audition is required, as long as the student is enrolled in regular band class. We will play pep band music that is played at basketball games. Students in this class will be encouraged to audition for the school pep band that rehearses after school and plays at home basketball games, but participation in the after-school pep band is not required in order to be eligible for this class.

Jazz Band (Semester 2) - This class is open to any 8th grade student who is playing in regular band. No audition is required, as long as the students is enrolled in regular band class. We will play jazz music and learn improvisation. Students in this class will be encouraged to audition for the school jazz band that rehearses after school and performs on HSIJH band concerts, but participation in the after-school jazz band is not required in order to be eligible for this class.

Orchestra – The HIJH String Orchestras are open to any student with an interest in playing a string instrument. *Students will be placed into the appropriate orchestra at the director's discretion based on musical work ethic and playing ability.* Students will perform in four to six concerts per year outside of the regular school day, which contribute to the overall grade in orchestra. Many additional playing opportunities will be offered throughout the year school year. Beginning Orchestra is offered to 7th and 8th graders who wish to play a string instrument. Orchestra is a year-long course.

ABC (Anything But Classical) Orchestra, Semester - Students will explore non-classical genres for orchestra. Pop, rock, fiddle, jazz, mariachi and more will be explored. Opportunities for electric string instruments will also be explored. Students will perform two concerts per semester. **Students MUST be enrolled in Philharmonic, Symphonic or Chamber Orchestra to participate in this one semester class.** The Panther ABC Orchestra is open to 8th grade students only.

Music Lab – This is a nine-week course musical instrument lab. This class provides the student with opportunities to sample hand chimes, keyboards, and guitars. Music history will also be visited. Musical knowledge not necessary.

Family and Consumer Science - Semester – FACS – Topics include kitchen safety and sanitation, food preparation, nutrition, Choose My Plate food guide, clothing care-laundry, basic hand sewing skills and childcare including babysitting skills. This is a semester class taken by 7th graders not enrolled in art, band, choir or orchestra. Students in art, band, choir or orchestra may be able to enroll in FACS as an 8th grader. This class uses wheat products, dairy products, and egg products.

Exploring Foods – 9 weeks – 8th grade students only. Students will learn the basics of baking, and cooking. Recipes include muffins, biscuits, cake, mac and cheese, pizza, mashed potatoes, pie, snacks. Students will complete a digital cookbook and a chef research project. This class uses wheat products, dairy products, and egg products.

Engineering & Technology- Semester - A semester class having practical, real-world project-based activities using the Engineering Design Process to help guide students to their desired outcomes. Students will actively work on two separate Project Lead The Way courses. One PLTW course covers Design & Modeling which includes designing, constructing, presenting, and evaluating projects using the decision matrix as a guide. Students will learn to properly use different machines and tools in the lab to assist in the completion of projects. Students will also learn about Automation & Robotics using an additional PLTW course. Students will learn about mechanical systems, energy transfer, machine automation, and computer control systems using *VEX Robotics* equipment and programming software.

Advanced Physical Conditioning – Semester - Prerequisite: 7th Grade Wellness and scheduled to take 8th Grade Wellness in the opposite semester. This course allows the student to achieve maximum performance in physical activities and athletics. Designed primarily for the physically active student, this course emphasizes weight training, flexibility, quickness, speed improvement, and cardiovascular endurance. Specific lifts are taught that allow each athlete to enhance athletic performance. Goal setting and sports specific training will be the focus. Students will need to be self-motivated, and willing to sweat during the school day in order to take this course. We will utilize the HIJH Fitness Lab as our classroom. PE uniform (t-shirt, athletic shorts, and tie tennis shoes) must be worn.

Yoga & Personal Fitness – Semester - This course includes the most current fitness activities with a focus on yoga and strength through functional fitness exercises. Students will develop a personal fitness profile, set personal goals, and learn the importance of including exercise and physical activity in their lives. Fitness activities include flexibility training, Yoga, Pilates, exercise walking, and toning.

Novel and Film Studies – Semester - Semester-long course designed to compare and contrast book-to-film adaptations. This course will require reading and analyzing a novel, a film, and then creating an argument-style essay and creative project.

Journalism/Publications - Year - Telling Our Story. Students will learn how ask interview questions both in person and via email, take pictures and find a story within, effectively gather, organize and format stories for three different media productions - the 5-8 yearbook, Panther Broadcasting video announcements and Panther Ink monthly newsletter. Students must demonstrate responsibility, independent work ethic and the ability to meet real-world deadlines. Students may also be asked to attend before and after school club meetings, sporting events, musical productions, etc.

8th Grade Computer Science – 9 weeks - This nine-week introductory course will present the foundational concepts and skills of computer science. Students will begin as consumers of technology and end the course as creators of technology. They will use computers in problem-solving situations as well as engage in creative unplugged activities. Projects will include creation of animations, art, apps, games, and research technology careers.

8th Grade Business – 9 weeks - This nine-week course provides students with concepts and real-life business situations that facilitate the development of competencies required for success in all academic areas and in real-world contexts. Students will develop a student-based business and learn the different aspects it takes to do so. The major topics covered in class will include business communications, marketing, economics, entrepreneurship, and research of careers.

**some courses are subject to change*

REGULAR TRACK

Regular Math 6 (6th grade)

Regular Math 7 (7th grade)

Regular Math 8 (8th grade)

Algebra I (freshman)

Geometry (sophomore)

Algebra II (junior)

Advanced Modeling or Probability/Statistics or Pre-Calculus/Trigonometry (senior)

NOTE: it is possible to “double-up” sophomore year and take both Geometry and Algebra II at the same time. Should this occur, Calculus, Statistics or Finite Math would be an option senior year.

ONE-YEAR ADVANCED TRACK

Advanced Math 6 (7th grade curriculum)(6th grade)
Advanced Math 7 (8th grade curriculum)(7th grade)

Honors Algebra I (8th grade)
Honors Geometry (freshman)
Honors Algebra II (sophomore)
Honors Pre-Calculus (junior)
(junior)
A.P. Calculus or A.P. Stats or Finite Math (senior)
(senior)

Honors Algebra I (8th grade)
Geometry (honors possible) (freshman)
Algebra II (honors possible) (sophomore)
Pre-Calculus/Trigonometry (honors possible)
Probability/ Statistics or Calculus (AP possible)

TWO-YEAR ADVANCED TRACK

Double Advanced 6 (8th grade curriculum)(6th grade)
Honors Algebra I (7th grade)
Honors Geometry (8th grade)
Honors Algebra II (freshman)
Honors Pre-Calculus (sophomore)
AP Calculus or AP Stats or Finite Math (junior)

Finite Math
(senior)

Multi-Variable Calculus
(senior)

Differential Equations
(senior)

NOTE: College credit can be earned by earning at least a 4 out of 5 on the AP test in AP Stats or AP Calculus. College credit can also be earned for ANY of the Calculus courses or Finite Math by taking it for dual credit through Indiana University Bloomington.

Scheduling Options – 8th Grade Sample Only

(Courses will not be in this order.)

I. Without World Language	
<ol style="list-style-type: none"> 1. English 2. Math 3. Science 4. Social Studies 5. Wellness (Sem) 6. Exploratory Options 7. Exploratory Options 8. Exploratory Options 	<ol style="list-style-type: none"> 1. English 2. Math 3. Science 4. Social Studies 5. Wellness (Sem) 6. Exploratory Options 7. Full Year Elective Option 8. Exploratory Options
II. With World Language - (Choice of French, German, or Spanish)	
<ol style="list-style-type: none"> 1. English 2. Math 3. Science 4. Social Studies 5. World Language 6. Wellness (Sem) 7. Art or Band or Choir or Orchestra 8. Exploratory Options 	<ol style="list-style-type: none"> 1. English 2. Math 3. Science 4. Social Studies 5. World Language 6. Wellness (Sem) 7. Exploratory Options 8. Exploratory Options

Special Notes

1. Advanced courses by teacher recommendation.
2. English/Math/RTI (May be required based on the NWEA and ISTEP Scores)
3. Resource Classes (determined at case conferences)
4. **FACS is only offered to those who DID NOT take it during their 7th grade year, IF seats are available.**