

Houghton Middle School

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An Equal Opportunity Employer

Dear New Student and Family!

Welcome to Houghton Middle School! I am Kristen Rundman, the Middle School Counselor. I am glad that we will have many new faces at HMS this year. I know that starting in a new school can be intimidating and you may have a lot of questions.

I would like to invite you to our New Student Orientation on **Monday, August 28, 2023 from 9:00-11:00**. This orientation is intended for students and parents. At this time, we will discuss specific information about lockers, use of the assignment notebook, classroom expectations, computer use, and hallway rules, lunchroom procedures, class schedules, and other items from the Houghton Middle School Student Handbook.

I look forward to meeting you and helping you start the year out strong!

Sincerely,

Kristen Rundman

HMS Counselor

Name:

8th Grade - 2023-2024 - EnCore Course Selection Form

Core Classes

1) Math 8 or Algebra I *(Pre-requisite: Accelerated Math); 2) English 8, 3) Physical Education/Health*; 4) Social Studies 8; and 5) Science 8. *Algebra I and PE/Heath are high school credit courses.

#1	<p>EnCore Classes 2nd hour - <i>EnCore class offerings are subject to change. EnCore classes are offered 2nd hour. Students' requests are prioritized by grade. Seventh grade EnCore requests are not guaranteed. Choose one.</i></p> <p>_____ Band (full year)</p> <p>_____ Study hall. I am interested in <u>Choir</u>, offered 7th hour, and would like a 2nd hour study hall. The 2nd hour study hall is a high school study hall and will be with high school students.</p> <p>_____ I would like to enroll for a full year of Encore classes during the 2nd hour. In addition to Tech 7, <u>select three additional EnCore classes (9 weeks each).</u> (See Course Description guide.)</p> <table border="0"><tr><td><input type="checkbox"/> Adventures in Outdoor Recreation</td><td><input checked="" type="checkbox"/> Tech 8 (Required)</td></tr><tr><td><input type="checkbox"/> Art</td><td><input type="checkbox"/> Service Learning</td></tr><tr><td><input type="checkbox"/> FACS</td><td><input type="checkbox"/> Intro to 3D Printing</td></tr><tr><td><input type="checkbox"/> Woodshop I</td><td><input type="checkbox"/> Woodshop II (<i>Prerequisite: Woodshop I</i>)</td></tr></table>	<input type="checkbox"/> Adventures in Outdoor Recreation	<input checked="" type="checkbox"/> Tech 8 (Required)	<input type="checkbox"/> Art	<input type="checkbox"/> Service Learning	<input type="checkbox"/> FACS	<input type="checkbox"/> Intro to 3D Printing	<input type="checkbox"/> Woodshop I	<input type="checkbox"/> Woodshop II (<i>Prerequisite: Woodshop I</i>)
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#2	<p>Math choice</p> <p>Choose 1: <input type="checkbox"/> Math 8 or <input type="checkbox"/> Algebra I *(Pre-requisite: Accelerated Math and successful completion of Math 8 exam. <u>All new to HMS and homeschooled students must take an-person Math assessment prior to being placed in Algebra 1. Testing dates are August 15th or August 22nd.</u></p>								
#3	<p>ROTC:</p> <p>We have the opportunity for 8th grade students to take a high school ROTC class. Please understand the following about these opportunities:</p> <ul style="list-style-type: none">• The students will be expected to take the course for the full year.• The course will be with high school students.• Students earn high school credit for these courses. These credits will count toward High School Graduation progress and GPA.• A limited number of slots may be available. A lottery may be necessary to select students.• To be eligible to take a world language as an 8th grader you should have a B+ or better in your current English class.• Scheduling of this class may conflict with Study Hall, Band, Choir or EnCore classes. <p>_____ I am interested in taking the ROTC Please rank classes in order of preference.</p> <p>Please circle if taking ROTC is <u>more/less</u> of a priority than band or choir.</p> <p>_____ I do not wish to take ROTC.</p>								
#4	<p>7th hour Class (choose 1):</p> <p><input type="checkbox"/> Study Hall</p> <p><input type="checkbox"/> Choir 7/8 (full year)</p> <p><input type="checkbox"/> One semester of Woods and one semester of Study Hall</p> <p><input type="checkbox"/> Intro to Theatre</p> <p><input type="checkbox"/> MS Newspaper</p>								

Return with registration materials.

General Information

Schedule changes will be permitted during the first 4 days of school and the week prior to the new semester in January. Please be aware that the master schedule may change between now and the start of the new school year. If you have questions about the scheduling process, please contact Mrs. Rundman 482-0450 Ext. 1160 or via e-mail at: krundman@hpts.us

During 1st, 3rd, 4th, 5th, and 6th hours, students in the 7/8th grade take core classes. During 2nd and 7th hours, students take electives/EnCore classes or a study hall.

Eighth Grade Core Classes

English 8

English 8 emphasizes the connections between reading, writing, speaking, listening, and grammar. Class novels are still in discussion for next year. Students will also be required to read several independent novels throughout the year. Writing will include poems, position paper, informative essays, literary analysis, weekly journal writes, research paper, letters, and other creative and technical writing pieces. Students will use the writing process when working towards final drafts. A variety of oral presentations and speeches will be given.

Math 8

This course utilizes the enVisionmath 2.0 math program for grade 8. It is the follow up to the current Math 7 course. It emphasizes problem solving and critical thinking skills, while adding in the use of more technology. Successful completion of this course will provide students with a solid foundation for Algebra I.

Algebra I (High School Credit) -Prerequisite: Successful completion of Accelerated Math

The emphasis in this course is placed on algebraic skills and concepts. The content and questions in this book integrate geometry, probability and statistics with algebra. Pure and applied mathematics are also integrated throughout the book. Both reading and writing mathematics are emphasized. Use of scientific calculators is assumed and graphing calculators are introduced.

Physical Education/Health (High School Credit)

This course is a combination of physical education and health. This course will fulfill the high school requirement of Health/Physical Education. There will be periodic tests and an exam at the end of each semester. Participation points will also be used in the calculation of grades for each student.

Science 8

This is a full year earth science course designed for investigations in geology, astronomy, meteorology, oceanography, and limnology. Students will engage in numerous hands-on activities, lecture and discussion sessions, field explorations, and an individualized research project. Completion of this course will give students a better understanding of: rocks and minerals; earthquakes; volcanoes; Earth's interior; a star's life cycles; universe origin possibilities; major stars and constellations; Earth and moon relationship; weather prediction, maps and instruments; fronts and air masses; ocean currents.

Integrated U.S. History

In Integrated U.S. History, students will study American History from the Revolutionary War to the end of the nineteenth century. Students will study the nation's past and its relation to the present and future. Subjects covered will include a review of exploration and colonization, the war for independence, formation of the United States government, foreign policy, Westward Expansion, the Civil War and Reconstruction.

EnCore/Elective Classes - 8th grade only

JROTC (High School Credit): This class helps students develop Leadership, Communication and Individual Life Skills while focusing on Citizenship within our community. Several other topics designed to improve confidence and life skills will be covered. This course would fulfill a VPAA high school graduation requirement.

7th and 8th Grade EnCore Classes

Full Year Classes

Band (2nd hour): This class is performance based. There will be at least three concerts per year. Students will have opportunities to perform at solo and ensemble events and clinics throughout the year. Band is open to any student with previous knowledge of an instrument. Any student may begin band at this level if they take private lessons with a teacher throughout the school year.

Choir (7th hour): Choir is a performance-oriented class. The number of performances varies with the interest and abilities of the choir. Opportunities are available to sing in large and small groups and as a soloist. This choir meets every day and is open to all who want to improve their singing skills.

Blended Classes (Class & Study Hall- 7th hour)*

Intro to Theatre: Have you always wanted to be on stage but didn't know where to start? Are you interested in stage management, set design, sound effects, or working behind the scenes? Whether you're a Drama Club veteran or brand new to the performing arts, this class is for you! Work through the process of putting on a production with your peers, and perform the play/musical by the end of the quarter. *Rehearsals and preparation will alternate with Study Hall.*

MS Newspaper: This is a blended class. Monday, Wednesday, and Friday will be work days to create a school newspaper. Tuesday and Thursday will be study hall days. Students will create a newspaper with topics like pop culture, student life, local news, school history, self-help articles, contests, puzzles and more!

Woodshop/Study hall: Students will learn shop safety, band saw safety and use, sanding techniques, and basic project assembly by constructing a series of projects designed to challenge the woodworking skills of beginning woodworkers. This class is offered for a semester and combines Woodshop 1 and Woodshop II. Students who sign up for this will have one semester of woodshop and a study hall the opposite semester.

** In order for these classes to be offered, a minimum number of students must sign up for them. If that minimum is not met, students will be assigned a study hall during 7th hour.*

Quarter/9 Week Classes (2nd hour - Available to non-band students)

Adventures in Outdoor Recreation: Students will be learning about various forms of Outdoor Recreation. Activities planned: Team Building, Geocaching, DiscGolfing, Camping/ Shelter building, Fire Starting, Survival Skills, Mountain Biking, and Swimming. Each student will be creating a Personal fitness plan which will include weight room use, cardio, and skill building.

Art: A variety of mediums and techniques used to create artwork will be introduced to students. Projects include drawings, watercolor paintings, acrylic paintings, ceramic pieces, tiles and collages.

Family and Consumer Science (F.A.C.S.): In this Family and Consumer Skills class, students will be introduced to basic skills in the areas of cooking, baking, and sewing

Intro to 3D Printing: Students will learn how to operate the 3D printers. They will learn how to design things using a series of free programs available online. This concept is an idea of open source programming and open source 3D printing.

Service Learning: Service Learning is a class that integrates community service with academic instruction. It focuses on critical and reflective thinking and civic responsibility (volunteering). Students in the class will be a part of a service project where they will volunteer three times a week in the elementary school during class time. Students will also participate in a large group community service project and develop individual service projects.

Technology 7/8 (Required): In Tech Explorations students will investigate what technology is and how it affects our everyday life. This will be a hands-on project based class. Students will work directly with software and develop a basic understanding of how to use them.

Woodshop I: Woodshop I is a class that teaches students basic woodworking skills. Students will learn shop safety, band saw safety and use, sanding techniques, and basic project assembly by constructing a series of projects designed to challenge the woodworking skills of beginning woodworkers.

Woodshop II: Woodshop II is a class that furthers a student's knowledge and abilities in an industrial woodshop setting. Students will learn shop safety for all tools in an industrial woodshop, and how to assemble projects in a variety of different ways by constructing an advanced woodworking project. Prerequisite (Woodshop 1).