

Haysville Middle School Level Course Catalog

Course Number	Credits	Grade Level	Course Name	Description
4316	1	6	Social Studies 6 (HMS/HWMS)	The focus of 6th grade Social Studies is ancient civilizations of the world. Study with each unit includes geography, economics, physical systems, human-environment interaction, government, and climate. Units of study are: Prehistory, Mesopotamia, Egypt, China, India, Greeks, Romans, Aztecs, Incas, Maya, Medieval Europe, and Japan.
4317	1	7	Social Studies 7 (HMS/HWMS)	7th grade Social Studies focuses on geography and all that it encompasses. These topics include: physical geography, climate, econ, government, culture, and human environment interactions. Regions we study include : Europe, Eurasia, Middle East, Africa, East Asia, South/Southeast Asia, and Australia. We also study Kansas History, beginning with nomadic and sedentary tribes through Post Civil War Kansas. This includes: early explorers, Indian Removal Act (1830), Kansas/Nebraska Act, Bleeding Kansas, Populism and Reformers.
4318	1	8	Social Studies 8 (HMS/HWMS)	8th Grade social studies encompasses the time period from George Washington's presidency to Reconstruction after the Civil War. The class focuses on the economic and social changes of the United States during this time period.
4016	1	6	Language Arts 6 (HMS/HWMS)	Students will read a variety of text (poetry, short stories, novels, non-fiction) to improve comprehension skills. Also, students will write effectively for a variety of audience purposes and contexts.
4017	1	7	Language Arts 7 (HMS/HWMS)	Students will read a variety of text (poetry, short stories, novels, non-fiction) to improve comprehension skills. Also, students will write effectively for a variety of audience purposes and contexts.
4018	1	8	Language Arts 8 (HMS/HWMS)	Students will read a variety of text (poetry, short stories, novels, non-fiction) to improve comprehension skills. Also, students will write effectively for a variety of audience purposes and contexts.
4116	1	6	Science 6 (HMS/HWMS)	Sixth grade students will understand vocabulary and process of Scientific Inquiry. They will learn the parts of an atom and the basic use of the Periodic Table of Elements. During 6th grade, students will build and use different types of simple machines. They will learn how energy transfers between objects. Students will learn Newton's Three Laws of Motion and apply them to their daily lives.

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4117	1	7	Science 7 (HMS/HWMS)	The 7th grade science curriculum allows students to develop skills through testing questions using the scientific method and measuring and converting within the metric system. Students begin discovering the structure and functions of cells through use of a microscope. This leads to discussion and learning on heredity and genetic changes and how that contributes to the classification of living things. Students will study the interaction of living things by tracing the energy flow though the environment. Our last unit of study is Astronomy, which focuses on celestial bodies and their influences on Earth. During the 7th grade year, students will take the Kansas State Science Assessment. A portion of our curriculum is dedicated to reviewing science concepts from their 5th and 6th grade years.
4118	1	8	Science 8 (HMS/HWMS)	The 8th grade science courses consist of the study of the scientific method and science as inquiry. Physics is taught with an emphasis on force and motion as outlined by Newton's Laws of Motion. Earth science will be presented, focusing on the constructive and destructive force of the earth. Volcanism, seismic activity, plate tectonics, the structure of the earth and the atmosphere will be the main focus during the second semester.
4861, 4871, 4881	2	6-8, by grade level	Reading Concepts (HMS/HWMS)	The curriculum for Reading Concepts is designed for students who are reading 2 grade levels below their current grade. Diagnostic assessments are conducted three times per year and student schedules are adjusted accordingly. Comprehension skills are taught across the four text types: narrative, expository, persuasive, and technical. Various strategies are designed to address student strengths and weaknesses. Explicit instruction is delivered in the areas of word study, including phonics, comprehension, fluency and vocabulary. This 90 minute class period features both small and large group instruction and a class size of 20 students or less.
4003	2	6-8, combined	Reading Essentials (HMS/HWMS)	The curriculum for Reading Essentials is designed for students who are reading more than 2 grade levels below their current grade, usually at a primary reading level. Diagnostic assessments are conducted three times per year and student schedules are adjusted accordingly. Comprehension skills are taught across the four text types: narrative, expository, persuasive, and technical. Various strategies are designed to address student strengths and weaknesses. Explicit instruction is delivered in the areas of word study, including phonics, comprehension, fluency and vocabulary. This 90 minute class period features both small and large group instruction and a class size of 15 students or less.

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4862, 4872, 4882	.5	6-8, by grade level	Reading Strategies (HMS/HWMS)	This 45 minute class period is designed for students who are reading one grade level below to one grade level above their current grade. The curriculum for Reading Strategies is designed to enhance reading comprehension skills across the four text types: narrative, expository, persuasive, and technical. Various strategies are taught to help students understand and process what they read as well as understand word origins, prefixes, suffixes and word roots. Considerable time is spent on enhancing vocabulary skills as well.
4200, 4297	1	8	Geometry (HMS/HWMS)	Geometry is a rigorous honors course focusing on a combination of plane and solid geometry. Emphasis is placed on the deductive processes of reasoning with some aspects of inductive reasoning. Angles, parallel lines and planes, triangles, polygons, and circles are studied along with the area and volume of those figures and solids.
4296, 4201	1	7-8	Algebra (HMS/HWMS)	Algebra I is an honors class for 7th and 8th grade students. Passing Pre-Algebra and teacher recommendation are pre-requisites for being enrolled in Algebra I. Algebra I topics include, but are not limited to, integer rules, combining like terms, properties, multi-step equations, polynomials, factoring, fractions, ratios, proportions, percents, problem solving, functions, the coordinate plane, systems of equations, and inequalities.
4281, 4294, 4295	1	8	Pre Algebra 8 (HMS/HWMS)	PreAlgebra is a regular class for eighth graders. It is a bridge from elementary mathematics to algebra and geometry. Since topics in mathematics are connected, this course will also lead to data analysis and probability, as well as covering integers, equations, graphs, number theories, probability, graphing, area and polynomials. Students will be expected to be actively involved in their learning through asking questions, discussing alternative problem solving, and making connections between what's new and what's known. Success will come through effort and acceptance of the different techniques.
4217, 4293	1	7	Math 7 (HMS/HWMS)	Seventh Grade Math is a course to further the students' understanding of Number Concepts and Operations. It is a bridge to Pre-Algebra linking the mathematical process with patterns, relationships, and Algebraic thinking. It covers integers, fractions, decimals, ratios and proportions, percents, measurement and estimation, probability, data analysis, graph interpretation, and basic concepts from Geometry and Algebra.

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4216, 4291	1	6	Math 6 (HMS/HWMS)	6th Grade Math continues to foster and support elementary mathematics. Since topics in mathematics are connected, this course will also lead to data analysis and probability, as well as covering integers, equations, graphs, number theories, fractions, decimals, area and perimeter, as well as adding, subtracting, multiplying and dividing. Students will be expected to be actively involved in their learning through asking questions, discussing alternative problem solving, and making connections between what's new and what's known. Success will come through effort and acceptance of the different techniques.
4290, 4292, 4214, 4215	1	6-8	Math Concepts Classes (HMS/HWMS)	Math Concepts is a course that provides a slower pace and a more individual approach for the grade level curriculum. Modifications are made on an individual basis based on the student's Individual Education Plan.
4276, 4277, 4278	.5	6-8	Math Strategies (HMS)	Math Strategies provides extended support for the student's regular math course. Teachers will provide reinforcement of the state assessment skills as well as reviewing and teaching of the classroom lessons.
4261	1	6	Math 6 Advanced (HMS/HWMS)	6th Grade Honors Math is a course to further the students' understanding of Number Concepts and Operations. It is a bridge to Pre-Algebra linking the mathematical process with patterns, relationships, and Algebraic thinking. It covers integers, fractions, decimals, ratios and proportions, percents, measurement and estimation, probability, data analysis, graph interpretation, and basic concepts from Geometry and Algebra.
5262	1	6	Pre-Algebra 6 (HMS/HWMS)	This is a course designed to challenge incoming 6th graders to learn not only 6th grade material, but also give them a head start on pre-algebra and more rigid geometry concepts. Main topics covered in this course are: computation, decimals, fractions, percent conversions, probability, metrics, geometry, and estimation. Students will be active participants in class, ask questions when necessary, and be open to learn new challenging concepts.
4271	1	7	Pre-Algebra 7 (HMS/HWMS)	PreAlgebra is an honors class for seventh graders. It is a bridge from elementary mathematics to algebra and geometry. Since topics in mathematics are connected, this course will also lead to data analysis and probability, as well as covering integers, equations, graphs, number theories, probability, graphing, area and polynomials. Students will be expected to be actively involved in their learning through asking questions, discussing alternative problem solving, and making connections between what's new and what's known. Success will come through effort and acceptance of the different techniques.

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4099	1	6-8	ESL (HWMS)	ESL is designed to improve the students' English skills in four domains: reading, writing, speaking and listening. Main topics include reading and test-taking skills, grammar, pronunciation, writing, and expository text. The course used AR materials to increase students' reading levels and vocabulary. The goal is for students to function independently and successfully in regular academic courses.
4617	.5	8	FACS I (HMS/HWMS)	This course helps students develop relationship skills, teachers basic sewing, nutrition, and cooking skills. Sewing projects include a pillow and an apron. Students will cook several dishes, including snacks, breakfast, and dinner items. There will be extra cost due to classroom materials.
4618	.5	8	Intro to HS FACS (HMS/HWMS)	This course is designed to give students a deeper understanding of the concepts of FACS. It covers state standards required to build a strong foundation for students who want to take follow-up courses at the high school level. There are also sewing projects and cooking labs built into the course. Prereq is FACS I. There will be extra cost due to classroom materials.
4706	.5	6	Physical Education 6 (HMS/HWMS)	This course is designed to teach 6th grade students the benefits of leading a healthy lifestyle. Students will understand and demonstrate the 5 healthy related components of physical education. Students will engage in various individual and team activities designed to enhance physical fitness, team work, respect towards others and social behaviors in a physical setting.
4770, 4771	.5	7-8	Physical Education (HMS/HWMS)	This is a course designed to teach 7th and 8th grade students the benefits of leading a healthy lifestyle. Students will be engaged in various individual and team activities, as well as lifetime carry over activities.
4780, 4781	.5	8	Physical Training (HMS/HWMS)	This course is designed to teach 8th graders the importance of a healthy lifestyle through the use of physical training. Students will engage in activities that involve weightlifting, cardiovascular training, speed training and agility training. The class focus is safety and the use of proper technique when training. Students will use the training principles used in Beginning PT to enhance them physically throughout the semester.

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4782, 4783	.5	8	Advanced Physical Training (HMS)	This course is designed to teach 8th graders the importance of a healthy lifestyle through the use of physical training. Students will engage in activities that involve weightlifting, cardiovascular training, speed training and agility training. The class focus is safety and the use of proper technique when training. Students will use the training principles used in Beginning PT to enhance them physically throughout the semester. Beginning PT (4790) or is a prerequisite.
4790	.5	7-8	Beginning Physical Training (HMS/HWMS)	This course is designed to teach 7th graders the importance of a healthy lifestyle through the use of physical training. Students will engage in activities that involve weightlifting, cardiovascular training, speed training and agility training. This is a beginners class that will mainly focus on the importance of safety and the use of proper technique.
4791	.5	7-8	Spirit Fitness (HMS/HWMS)	This course engages students on a daily basis in activities that work to improve flexibility, muscular strength, muscular endurance, cardiovascular fitness, problem solving, HWMS spirit, and HWMS PRIDE. The class involves activities like tumbling, aerobic activities, rope activities, cheerleading skills, jumps, etc. This class is open to 7th and 8th grade boys and girls.
4516, 4517, 4518	.5	6-8	Gifted Computers (HMS/HWMS)	Gifted computers is at a per-grade-level course. Each class works on computer needs that will excel skills that will help them in the technology based world.
4572	.5	7-8	Computer 1 (HMS/HWMS)	Computer 1 is offered to seventh graders for one semester. Touch typing skills are reinforced in this class. Students use Microsoft Word to produce, format, and edit documents. Microsoft Excel is used to create spreadsheets using many different mathematical functions and to produce charts. Presentations using animation and sound are prepared using Microsoft PowerPoint. Students also prepare graphic organizers for projects using the program Inspiration. Proper Internet searches and safety are discussed during the semester.
4582	.5	7-8	Computer 2 (HMS/HWMS)	This program has varied approach in garnering student interest in computers. The class begins with a brief introduction to Micro Soft Works database. This is followed up by a music creation program name Sony Acid music. Additionally, Photoshop and Ulead Cool 3d are used to create different visual projects. Finally students are given time to create blueprints using Cad as well as web design.

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4561	.5	6	Keyboarding (HMS/HWMS)	Keyboarding class is offered to sixth graders for one semester. Students are taught proper touch typing technique using Mavis Beacon Teaches Typing, a self-paced program. Through this program and typing drills, students improve their speed and accuracy. A goal of 20+ words typed per minute and 92%+ accuracy is desired for each student. During the second nine weeks of the course, students use their touch typing skills to produce, format, and edit simple documents using Microsoft Word.
4588	.5	7-8	TV Productions (HMS/HWMS)	TV production class is designed to learn about the media. Students develop a daily news show which is aired every guided study. Students have to apply and be excepted into this class.
4701	.5	6	Health (HMS/HWMS)	Health is designed to allow students to explore the human body systems like the cardiovascular, digestive, endocrine, excretory, muscular, nervous, respiratory and skeletal. It also focuses on the four main aspects of health which are emotional, mental, physical and social. Finally, the student will learn about how to care for themselves, nutrition, stress management, drugs/alcohol and AIDS/HIV.
4616	.5	6	Life Skills (HMS/HWMS)	Life Skills is designed to give students an understanding how to build healthy relationships with family, peers and other individuals in their lives. It also teaches the student the importance of physical activity becoming a lifelong decision. Finally, the course focuses on how to budget life's costs, how to read food labels, and how to prevent violence in schools.
4615	.5	7	Teen Leadership (HMS/HWMS)	Teen Leadership is an introduction class on the important skills a student needs to be a positive leader among their peer groups. It focuses on creating collaborative teams that agree on a social contract, building good communication skills, developing community relations with other district students of all age levels and challenging them to find their leadership potential.
4614	.5	7	Teen Leadership II (HWMS)	Leadership 2 is designed to focus on the leadership qualities learned in Teen Leadership with a more intense approach with the hopes of the student becoming the best leader they can become at their age. With the knowledge of these leadership skills and learning how to express positive behaviors within diverse groups, the student will demonstrate the district's initiative for Positive Behavior Intervention Supports.

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4807	.5	7	Spanish 7 (HMS/HWMS)	Spanish 7 is a basic introductory course to the Spanish language and the various cultures associated with the Spanish language. This semester-long class covers a wide range of vocabulary from greetings, to food, to family. Students will be able to communicate on a very basic level after completing this course.
4818	.5	8	Spanish 8 (HMS/HWMS)	Spanish 8 is advanced middle school Spanish. Also a semester, Spanish 8 moves further into the communication aspect of a foreign language. Students will utilize the textbook Expresate to help them learn Spanish in a more in-depth fashion than in Spanish 7. Students will learn to express likes and dislikes, have a conversation with a native speaker of Spanish, and even be able to be an MC for a fashion show.
4481	.5	8	Art 8A (HMS/HWMS)	8A Art is a beginning art class for 8th graders where a wide variety of mediums are explored. Students will work with drawing, painting, clay, sculpture, printmaking, jewelry, and other art mediums. An emphasis will be placed on incorporating art history, the elements and principles of design, and other disciplines into our projects.
4482	.5	8	Art 8B (HMS/HWMS)	In 8B Art we will build upon what we covered in 8A art. We will work with drawing, painting, clay, sculpture, printmaking, jewelry, and other art mediums. An emphasis will be placed on incorporating art history, the elements and principles of design, and other disciplines into our projects. Projects will be more advanced and require greater skill.
4407	.5	7	Beginning Art (HMS/HWMS)	Beginning Art is a beginning art class for 7th graders where a wide variety of mediums are explored. Students will build upon materials covered in 6th grade art. We will work with drawing, painting, clay, sculpture, printmaking, jewelry, and other art mediums. An emphasis will be placed on incorporating art history, the elements and principles of design, and other disciplines into our projects.
4406	.5	6	Art 6 (HMS/HWMS)	6th Grade Art is a beginning art class where a wide variety of mediums are explored. Students will work with drawing, painting, clay, sculpture, printmaking, jewelry, and other art mediums. An emphasis will be placed on incorporating art history, the elements and principles of design, and other disciplines into our projects.
4410, 4416, 4417, 4418	1	6-8	Choir (HMS/HWMS)	Choir classes learn to use their vocal instrument correctly and read music fluently. Each choir sings 4 concerts throughout the year, once per 9 weeks. Choirs sing many styles of music, and lyrics in several languages. 7th and 8th choirs compete at festival in the Spring. Additional opportunities are given for students to do solo work and choreography as well.

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4411	1	7-8	Choir Treble (HMS/HWMS)	<p>Treble Choir is offered to 7th and 8th grade female students. This choir will be taught according to the nine National and State Music Standards as well. They will learn “good singing” techniques through sight singing, warm-up exercises and kinesthetic exercises, while exploring a wide variety of repertoire. This choir performs on 4 concerts each year, as well as Pioneer League Music Festival in the Spring. The festival gives students a chance to hear other choirs, as well as provides an opportunity to sing a solo for a judge and receive written critiques of their performances. Students in choir also have the chance to sing in the Pioneer League Honor Choir and the South Central Kansas Music Educators Association District Honor Choir in November.</p>
4412		7-8	Select Choir (HMS/HWMS)	<p>Select singers is for 7th and 8th grade students selected to be in the Silverback/Hawks Singers. This choir will be taught according to the nine National and State Music Standards as well. They will learn “good singing” techniques through sight singing, warm-up exercises and kinesthetic exercises, while exploring a wide variety of repertoire. This choir performs on 4 concerts each year, as well as Pioneer League Music Festival in the Spring. The festival gives students a chance to hear other choirs, as well as provides an opportunity to sing a solo for a judge and receive written critiques of their performances. Students in choir also have the chance to sing in the Pioneer League Honor Choir and the South Central Kansas Music Educators Association District Honor Choir in November. Enrollment in this choir by approval of instructor.</p>
4426, 4427, 4428	1	6-8	Band (HMS/HWMS)	<p>Band is a continuing class from each grade level. Students build upon fundamental training on their instrument and perform literature that is appropriate to their level and ability. All three bands perform four concerts a year. 7th and 8th grade students have opportunities to participate in honor bands and the 7th and 8th grade bands participate in league music festival in the spring. The 8th grade band also performs at the Worlds of Fun Music Festival in Kansas City.</p>
4401	.5	6	General Music (HMS/HWMS)	<p>A class designed to give 6th grade students an overview of music fundamentals, reading rhythms, pitches, symbols, instruments & the voice. Students are given opportunities to play a variety of instruments, percussion as well as the keyboard. Music masters, contemporary artists and music styles are also covered in this semester class. Some music composition is also a part of the curriculum.</p>

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4511	1	7-8	Yearbook (HMS/HWMS)	Yearbook is a class designed to make the yearbook for the current school year. Teambuilding, strong work ethics, and communication skills are developed in this class. Students need to apply and be accepted into this class.
4900, 4906, 4907, 4908	1	6-8	Guided Study (HMS/HWMS)	Guided Study is a time set aside to work on homework and help students get organized. Many activities take place during this block of time, including assemblies, showing the school's TV production, class meetings, etc.
4436, 4437, 4438	1	6-8	Orchestra (HMS/HWMS)	It is a string orchestra, consisting of violins, violas, celli, and basses. Additional musicians are added as needed. The orchestra performs a wide range of literature that is appropriate to the configuration of the ensemble and skill levels of the students. The orchestra gives several concerts each school year. Seventh and eighth grade students participate in the league music festival which is held once a year.