

2016-17 Enrichment Classes and Activities by Title

Literature of the 20th Century- Fall (9-12)	<p>Ideal for students who enjoy reading and small group discussion, this course provides an introduction to major works of literature in the 1900's. Students will learn to use the tools of literary analysis in classroom discussions and limited writing assignments, while tying nicely into historical and worldview studies as well.</p> <p>Though the two sessions build on one another, a student may take one session without the other, depending on scheduling needs.</p> <p>Session One: Titles may include <u>All Quiet on the Western Front</u>, <u>The Chosen</u>, <u>Animal Farm</u>, <u>The Old Man and the Sea</u>, and <u>The Pearl</u>.</p>
Literature of the 20th Century- Winter (9-12)	<p>See description above. Session Two: Titles may include <u>The Crucible</u>, <u>Fahrenheit 451</u>, <u>To Kill a Mockingbird</u>, and <u>I, Robot</u>.</p>
Aesop's Fables (K-1)	<p>We will look at several versions of different fables. Students will talk about beginning, middle and end, illustrate, retell using puppets and compare and contrast the fables.</p>
Ancient Native American Nations (2-6)	<p>Get ready to travel the trails of Ancient Native Americans who were hunters, warriors, protectors, and farmers. Make you own artifacts and celebrate our heritage.</p>
Basic Origami /Paper Airplanes (2-3, 4-5, Multi-Age & Family)	<p>Beginning and basic folding techniques. Folding paper, with some scissor cutting.</p>
Beginning Guitar (4-8)	<p>This is a short introduction to beginning guitar. This class will be for students who have no guitar knowledge at all, or extremely minimal contact with the instrument. Those students already conversant with another instrument must be patient with others who have no previous knowledge of reading music, or playing any instrument. Basic note reading will be covered using 3 or 4 strings. Common chords will be taught, along with rhythmic patterns for strumming. Extra assignments can be given to any student who needs more of a challenge. We will use the Hal Leonard Guitar Method Level I, available to check out from Mrs. Wesley the first day of class. Each student is responsible to provide their own guitar for the duration of the class.</p>
Biology Lab (9-12)	<p>Enrichment labs supplement students' yearlong biology courses taken at home.</p>
Birds & Owl Pellets (2-3, 4-5, Multi-Age & Family)	<p>Students will learn about kinds of birds, their habitats & songs, & they'll dissect owl pellets.</p>
Birds of a Feather (K-1)	<p>Characteristics of birds and some of the birds that can be seen in Iowa will be featured in the class.</p>
Chemistry Lab (9-12)	<p>Enrichment labs supplement students' yearlong chemistry courses taken at home. Prerequisite: Algebra I</p>
Clay Heads (6-12)	<p>An oldie but goodie class. Students will sculpt a head from air-dry clay and an armature, then seal it with paint or varnish.</p>
Composers (2-5)	<p>We will learn some fun facts about composers of the Baroque, Classical, Romantic & Modern eras, as well as discovering what else was happening during those time periods (<i>i.e.</i>, What was invented? Who was the President of the U.S.A.?) We will compare and contrast musical selections of these composers using simple terminology and visual aids to help in the learning process.</p>

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Crazy 8's Math-1 (K-2 & 3-5)	This will be a collection of novel, energetic, high-octane math activities to show that math can be a fun and a social part of life. Fall will be a repeat of the class offered last year. If you did Crazy 8's last year, please don't sign up.
Crazy 8's Math-2 (K-2 & 3-5)	This will be a collection of novel, energetic, high-octane math activities to show that math can be a fun and a social part of life. Winter is offered for the first time. Prerequisite: Fall-either this year or last.
Diary of Anne Frank (2-6)	How did one young girl's diary change the lives of the world around us? With bombs exploding around her, Anne Frank found refuge in her diary, described as her, "one true friend." Come along and create a secret hideaway of your own.
Effective Writing-Fall (6-8)	Using Andrew Pudewa's writing tools, each student is challenged to embellish his/her own writing level and master the art of writing. This class is for the beginning or skilled writer. Students may repeat this class to continue to grow in skills. Assignments will vary to pique the students' interests.
Effective Writing-Winter (6-8)	This high school prep class builds upon the skills of the novice and experienced writer. As we develop Pudewa's Key Word outline and plunge forward into a strong thesis, each student broadens his/her overall abilities. This class may be repeated to continue skill development. *This class will be 9 weeks with the first three classes meeting for 2 hours, 10-12:00.
Electricity (6-8)	Alliant's light bulb & showerhead kits will guide our study of electricity usage in the home.
Elementary Drama (3-6)	<u>Actual registration will take place in the fall. Watch the newsletter. Registering in June only expresses your interest.</u> Applications and the two play titles will be announced in the newsletter later in the fall. A deadline will be published and the first 80 applicants will be firm registrations (maximum 40 per play). Auditions will take place once the rehearsals have begun. All those registered will be given a part in the play, either speaking, singing and/or dancing. Those who only want to participate in the chorus may do so.
Elementary Spanish (2-3 & 4-6)	With games, songs and lots of repetition we hope to let students hear the sound of the Spanish language as well as learn categories of vocabulary such as: basic expressions, colors, me gusta (I like), time, age, animals. Each session will stand on its own; however, expect some slight overlap. *Session 4 topics: body, weather, days of the week, verbs.
Family Spanish (All)	In this class we will be learning selected Spanish word categories (numbers, colors, vowels, weather, seasons, clothes, body, food). Though this is a "family" class, the target grade level will be 2-5. There will be group games and songs, as well as individual activity sheets for varying levels of ability in reading and writing. Each week there will be supplementary materials to take home for families to use to review the material covered in the class. The content of this class will be different for each session, though there will unavoidable overlap. * Session 4 topics: Transportation, gustar, verbs
Frog and Toad (K-1)	Author/Illustrator Arnold Lobel's works will be featured, with a main focus on his Frog and Toad books. We will enjoy the lives of the storybook Frog and Toad as well as study real frogs and toads.
Genetics (6-8)	Hands-on activities guide our study of DNA, mitosis & inheritance.

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George Washington (2-6)	Why was President George Washington named "Father of our Nation"? Why is he the most popular president of our nation? Hop on the boat and cross the Delaware like a real hero.
High School Mock Trial Competition Team (9-12)	High School Mock Trial competition teams audition in December and compete in March. Time and Day TBD. As the competition approaches there will be additional scrimmages and Saturday dress rehearsals. If we make state (end of March) or nationals (in May) there will be additional practices. Considerable time outside of practice is required for writing and practice. There will be an informational meeting for parents and students in November. Watch the newsletter/memo.
Hot Wheels Races (2-3, 4-5, Multi-age & Family)	Students experiment with Hot Wheels cars & tracks, gaining experience with stopwatches & meter sticks.
Instruments of Orchestra (2-5)	During this session we will categorize orchestral instruments as string, brass, woodwind, percussion. We will listen to examples of these instruments from famous pieces of music, as well as identifying the individual sounds of the instruments. Where are the instruments located in a symphony orchestra? We will discover this using a hands-on approach and we will see how instruments are used to tell stories as in "Peter and the Wolf".
Iowa Prairies (6-8 & Multi-age)	Students will identify plants & animals native to our biome, the prairie, & learn what the IDOT is doing to reestablish it.
Jr Lego League Topics (2-3, 4-5, Multi-age & Family)	Students will build the projects from this year's Challenge. We will not compete.
Lasansky and Printmaking (2-3, 4-5, Multi-age & Family)	Learning about the U of Iowa printer, Mauricio Lasansky and practicing printmaking with various materials. Printer's ink.
LiPS Camp (K-12)	LiPS is an acronym for Lindamood Phoneme Sequencing for reading, spelling, and speech. This comprehensive, multisensory program uses explicit, systematic instruction to develop healthy speech patterns and sound recognition to help with decoding, spelling, and reading skills. LiPS Camp is a 9-day program for students and parents to receive direct instruction from trained MHSAP staff. This camp is designed to give students of all ages the necessary tools to further develop phonemic awareness skills in order to become fluent readers and competent spellers.
Mathcounts Prep Class (6-8)	The class begins in October and runs through February. The students will work on number sense shortcuts, and problem solving for MathCounts
Middle School Mock Trial (6-8)	Middle School Mock Trial competition teams audition in September and compete at the end of October. Time and Day TBD. Practices held every Thursday from 3:00-6:00. If we make state (mid November) there will be additional practices. Considerable time outside of practice is required for writing and practice.
Mock Trial Pre-Season Class (6-12)	Students learn the process and enact a realistic court case written by the Iowa Bar Association, taking roles as attorneys and witnesses. It is a great opportunity to learn persuasive drama, critical thinking, professionalism, public speaking and argumentation skills. Students will be required to read, analyze, write, memorize and speak as they work closely with others to form a cohesive team.

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NASA's Amazing Adventure (2-6)	Mission control, we have lift off! Step into the cockpit and plan your next voyage to space, as we explore the history of NASA.
Out on the Farm (K-1)	We fill focus on one animal group each week: cattle, swine, poultry and sheep. We will do many farm-based activities and learn about the variety of things that are involved in a farming operation.
Physics Lab-Yearlong (9-12)	Enrichment labs supplement students' yearlong physics courses taken at home. Prerequisite: Algebra I
Physics Labs (6-8)	Students will enjoy doing some of the best physics labs.
Piet Mondrian Geo Shapes (2-3, 4-5, Multi-age & Family)	Piet Mondrian was a Dutch painter who embraced Neo-plasticism (using only straight lines, squares and rectangles and primary colors) for his art.
Pop Art- 20th C. (6-12)	An overview of the art and various techniques of Andy Warhol, Jasper Johns, Robert Rauschenberg with multi-media
Popsicle Stick Challenge (6-12)	Students will be instructed on how to create a box and a basket pattern and will also be challenged to create original sculpture with specific numbers of sticks.
Quilling (6-12)	Quilling or paper filigree is an art form that involves the use of strips of paper that are rolled, shaped, and glued together to create decorative designs.
Research Paper Writing (9-12)	In this 12 week class, students will write 3 short research papers as they learn basic skills such as choosing reliable sources, taking and organizing notes, citing sources, and creating outlines and bibliographies. The class will rely largely on the tools offered by Google Docs for research paper writing. For this reason, students are strongly encouraged to take the Writing with Technology Workshop offered in December. (see signup classes)
Roald Dahl and Caricature (2-3, 4-5, Multi-age & Family)	Appreciating the written descriptions of Dahl characters and sketching caricatures. Pencils and markers
South American Art (2-3, 4-5, Multi-age & Family)	Projects from the Pre-Columbian age to today to reflect the culture of South America. Multi-media
Spanish 1 (9-12)	Prerequisite: 89 verbs to be memorized before the first day of class. A list and audio link are available for those interested in taking this class. A test is available for parents to administer at home to judge whether their child(ren) is prepared for this class. A minimum of 80% accuracy is the preferred result on the verb test. Spanish prep class will cover many of these verbs. Be sure to read the IMPORTANT INFO on the website-Registration>Enrichment Classes>Spanish 1 Syllabus. Starts the first week of September**
Spanish 2 (9-12)	Prerequisite: Spanish 1 (any understanding of direct and indirect object pronouns in English will be extremely helpful to the student.) Content: Preterite (past) tense and direct and indirect object pronouns
Spanish 3 (10-12)	Prerequisite: Spanish 2. Content: 5 new tenses with review of present and preterite tenses. Starts the first week of September**
Spanish 4 (10-12)	Prerequisite: Spanish 3. Content: subjunctive tense, review of previous tenses, more verbal usage in dialogs and classroom discussions.

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Spanish Prep (7-12)	This is a good opportunity to prepare for High School Spanish or to discover if Spanish is the language for you. The visual/tactile Montessori approach to learn parts of speech (nouns, articles, verbs, adjectives and pronouns) will be combined with the Warren Hardy approach (used in the Spanish I curriculum) of making sentences quickly using "power verbs". There will, of necessity, be some overlap between each session; however, the content of each session stands on its own. Those not sure of their interest in taking Level I Spanish are still welcome to take the class and learn some basic Spanish vocabulary.
Spatial Visualization (6-8)	Students use manipulatives to learn to visualize 3-D architecture from 2-D plans.
Speech (9-12)	In this 12-week class, students will learn the basics of writing and delivering expository, informative, story telling and persuasive speeches. Not only will this course help students grow in their public speaking skills, it is an excellent preparation for future essay writing courses.
Tell Me a Tale or Two (K-1)	We will read several versions of the same story, look at the similarities and differences, do activities and retell the stories through acting out or puppets.
The Roaring 20's (2-5)	Kick up your heels and dance along, as we learn about Henry Ford's assembly line, women's suffrage and music of the era. This dramatic social and political change was filled with prosperity. Join us and find out how children lived during the time.
Using Your Senses (2-3, 4-5 & Family)	Students will test their senses of taste, touch, smell, vision & hearing while also learning about these sense organs.
Writing with Technology Workshop (9-12)	This workshop is designed for high school students preparing for Research Paper Writing course in January, but is open to all MHSAP high schoolers. Among other skills students will learn to use Google Docs formatting and research tools. Having these technology skills mastered before class begins in January will jumpstart the student's learning curve for an already challenging course. It is listed as a sign up class.
Writing Workshop (3-4 & 5-6)	Writing Workshop classes will consist of a "sharing time" and lessons dealing with word choice, expanding sentences, and combining ideas. Writing summaries will also be addressed. Weekly writing assignments will be given at the conclusion of prewriting activities.
You Be the Chemist! (2-3, 4-5, Multi-age & Family)	Students do fun chemistry experiments from the ChemEd curriculum.
Zentangles (6-12)	Zentangles are miniature pieces of unplanned, abstract, black and white marker art created from an ensemble of simple, structured patterns called tangles on 3.5-inch square paper tiles.