COURSE SELECTION GUIDE
2016-2017

8th Grade

Kettle Moraine Middle School
www.kmsd.edu

301 E. Ottawa Avenue, Dousman, WI  53118    (262) 965-6500    FAX: (262) 965-6506

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February, 2016

Dear Parents & Students of Next Year’s 8th grade:

The 2016-17 school year is on the horizon and holds the promise of another great year in Kettle Moraine. This course catalog has been developed to provide information for students and parents as they seek to explore new areas of learning and grow in areas of strength. We encourage you to read the information provided and to ask as many questions as needed to clearly understand the choices available. Our counselors are available to all parents and students as these important decisions are made.

Kettle Moraine Middle School utilizes the house plan of organization. A house is comprised of a group of teachers instructing in the five core academic areas (reading & language arts, science & math and social studies). The team of house teachers collaborate to create an environment that responds to the educational needs of individual students. Placement in houses is based on a number of considerations, including feedback from previous teachers and talent development staff, special education needs, assessment results, boy/girl ratios, class sizes, and elective selection. Parents with specific suggestions for the type of classroom environment that is best for their student must submit their reasoning in writing to the principal by April 1, 2016. Requests for particular teachers cannot be granted.

For 8th grade students, you can elect to be a part of our traditional house structure or continue to elect KMMS Create for your house. 7th grade students not enrolled in Create during the 2015-2016 school year have very limited options to select Create for their 8th grade year.

Elective choices must be listed with alternatives. Every attempt is made to give students their first choices; however, students may be scheduled into their alternate choices if conflicts occur. Please choose your elective classes carefully. The only way an elective class can be changed is based on an enrollment concern coming from the school and/or if the change does not cause another class to be canceled.

We look forward to another rigorous and exciting year at Kettle Moraine Middle School.

Michael Comiskey  
Principal  
965.6500 ext 2001

Laura Lloyd  
Associate Principal  
965.6500 ext 2002

Donna McKonly  
Counselor  
965.6500 ext 2060

Kerry Neimon  
Counselor  
965.6500 ext 2059
Registration and Scheduling Timeline

INFORMATION DISTRIBUTION –
- Information will be distributed to students in late February.
- The counselors and teachers will meet with students to provide information and answer questions.

REGISTRATION -
- Completed registration materials, for next year’s eighth grade students, including a parent signature, will be returned March 3, 2016 to their literacy teachers.

SCHEDULING -
- Student schedules are created and revised throughout the summer.
- Schedules will be available on Infinite Campus after district-wide registration.

SCHEDULE REVISIONS -
- Once schedules are distributed, changes will be considered only under the following circumstances.
  - computer error
  - failure of the student to meet proper course prerequisites
  - teacher recommendation
  - a need to balance classes by size
  - physical limitations

THE KETTLE MORAINESCHOOL DISTRICT RESERVES THE RIGHT TO CANCEL CLASSES BASED ON INSUFFICIENT ENROLLMENT.

COUNSELORS - The primary purpose of the counseling program is to assist students with academic, career, social, and personal concerns. Your school counselor will be a very helpful person to work with in planning your middle/high school schedules and post high school career. If you have any questions through the scheduling and registration process, please contact your counselor.

Counselors
Donna McKonly 8th Grade and Create mckonlyd@kmsd.edu 965-6500 x2060
Kerry Neimon 6th and 7th Grade neimonk@kmsd.edu 965-6500 x2059
Directions:

Make Course Selections Very Carefully
Once a course selection is made, students will be expected to stay with their decision.

REQUIRED COURSES:

All eighth grade students are required to take "core" academic classes under an arrangement called the House Concept. A team of teachers will have the same students for the following subjects:

<table>
<thead>
<tr>
<th>Literacy 8</th>
<th>Science 8</th>
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<tbody>
<tr>
<td>Math 8 or Algebra 1</td>
<td>Social Studies 8</td>
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</table>

The remainder of the eighth grade student schedule will include the following:

- Physical Education 8
- Electives totaling two and one half class periods each semester

IMPORTANT FOR CREATE HOUSE: Because of the limited number of periods available for 8th grade electives and the design and structure of the Create house, students in Create may not be able to be scheduled into many of our elective choices. We will make every effort to honor Music and World Language elective choices. Others may not be possible for Create students.
COURSE DESCRIPTIONS:

LITERACY 8XRD

The 8th grade literacy strand is a combination of literature/language arts in an integrated 90-minute block. A reader’s and writer’s workshop frame the student experience. There is a strong focus on reading and writing in a workshop environment. Students will increase their knowledge of our world and develop a critical appreciation of literature. They will select books of their choice at their level while engaging in units of study and book clubs. Students will read and write in a variety of genres.

Students compile four of their processed pieces to be placed in a passport folio for assessment. Students are expected to score a minimum of a three on a six-point scale on their passport folio in order to be promoted to the high school. (See KMORR 345.4)

MATH 8 8XMA

This course builds on the mathematical background students gained in earlier grades and prepares them to succeed in High School Algebra. Following the rigorous Common Core Standards for Mathematics, the course includes investigations into:

- Rational and irrational numbers
- Exponential expressions and rules
- Similarity and proportionality of two-dimensional figures
- Understanding and applying the Pythagorean Theorem
- Understanding patterns of association in two-variable data

There will be an emphasis on problem solving and real life applications. There is a $15.00 fee charged for this course.

ALGEBRA I 8XA1

Algebra I is for students who have shown outstanding achievement and aptitude in mathematics. Following the new Common Core Standards for Mathematics, Algebra I will cover many topics previously covered in more advanced Algebra courses in High School:

- Write and solve equations for different types of functions, including situations involving multiple equations
- Understand and use multiple representations (equations, graphs, tables, and contexts) of linear, exponential, absolute value, and quadratic functions
- Explore two-variable descriptive statistics

There will be emphasis on problem solving, cooperative learning, and real life applications. This is a fast-paced, challenging course that requires serious effort from students. Graphing calculators, computers and related technology will be incorporated.

There will be an emphasis on problem solving and real life applications. There is a $15.00 fee charged for this course.

Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.
**EARTH SCIENCE 8**

**8XSC**

This course is designed to help students understand our universe and the forces that change the earth. Thematic units include astronomy, meteorology, geology, chemistry, and oceanography. Laboratory work emphasizes the scientific method and reinforces numerous science processes and technological skills. There is a $3.00 lab fee charged for this course.

**SOCIAL STUDIES 8**

**8XST**

Students study the flow of American history and development of U.S. government through the Civil War and Reconstruction. This includes examination of the American Revolution, the U.S. Constitution, the Industrial Revolution, the Civil War, Reconstruction and the Western Expansion. Simulations of events during these periods lead students to think critically about the challenges of building our democracy. Students make real life applications to their own participation and involvement in government as they move forward toward responsible citizenship in the 21st Century.

**8TH GRADE PHYSICAL EDUCATION/HEALTH**

**8XPE**

All eighth graders are required to take Physical Education all year on alternating days. This course will promote physical, emotional, social, and psychological growth through a variety of individual and team activities. Students will understand the importance of a positive attitude and good sportsmanship as well as how to maintain a healthy, active lifestyle. Students will also be exposed to basic rules, vocabulary, and skills needed for successful participation in all physical education classes. The emphasis at the eighth grade level is on game involvement and strategies. Physical Education uniforms are $5.00 for the shirt and $8.00 for the shorts for a total of $13.00 per uniform if the student does not already have the required uniform. They will be available for purchase at District Wide Registration in August.

**HEALTH**: The five day human growth and development unit occurs co-educationally in the students’ regular physical education class. The material for this unit has been carefully screened and chosen for this particular age level. These units are highly recommended for all seventh and eighth graders. However, as a parent you do have the right to excuse your child from this unit if you so choose. If you have any questions, please feel free to contact the Middle School Counseling office at 262-965-6500, extension 2000.

**INTERVENTION**

**MATH**

**1130**

**READING**

**1120**

Intervention/Structured study meets on alternating days. Students will be assigned to interventions based on data gathered in math and reading classes. Interventions will include intensive instruction for students demonstrating below grade level performance.
KMMS Create

KMMS Create is a house within Kettle Moraine Middle School for students of all grades. Students in Create will work within an inquiry-based, interdisciplinary model of personalized instruction. The CCSS (Common Core State Standards) will frame a continuum of expectations and assessments.

- Reading / Language will use a workshop approach to engage students in literacy instruction and practice individually and in small groups. Instruction in strategies and processes will directly impact each learner’s ability to meet the goals outlined in personal learning plans in other curricular areas.
- Math learning will utilize a blended learning and blended delivery approach to include small group instruction, individual instruction, and computer-assisted instruction. There is a $15.00 fee charged for this course.
- Science learning will encompass an in-depth focus on the physical, life, and earth/space sciences utilizing some large group experiences and individual inquiries of related concepts for deeper exploration. Core concepts will frame overarching content with students having choice and voice to co-create a learning plan. There is a $4.00 fee charged for this course.
- Social Studies learning will use interdisciplinary approach to include reading and writing. Students will be engaged in inquiries that allow them to “think like a historian” as they co-create learning plans to address areas of their personal inquiry.

Learning in other courses will occur in a combination of legacy courses and through interdisciplinary seminar experiences:

- Art and Gateway to Technology (Project Lead the Way) will occur as these content specialists provide a combination of large group instruction and seminar experiences. Interdisciplinary learning will be reflected in the learner’s inquiry projects.
- Music, Physical Education, World Language Exploration (6th graders) and World Languages (for 7th and 8th graders) will occur within the legacy environment.

Some important considerations for the 2016-2017 school year:

- Incoming 6th grade students may select the Create house and will be selected with a lottery if the requests for spots exceed the spots available.
- Because we have a very limited number of spots available, we will consider entry into the Create house for next year’s 7th and 8th graders based on enrollment.
- Students not admitted into Create will be placed on a waiting list.
- 8th grade students in Create may have fewer elective choices because of the requirements of the Create structure.
**ELECTIVE COURSES:** Eighth graders must choose courses totaling two and one half class periods for each semester from the following elective courses to complete their schedule. Each elective will run all year. Some courses will be offered every day, and some every other day opposite Phy Ed.

**Year Long – Every Day All Year (1.0 credit)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<tbody>
<tr>
<td>Band 8</td>
<td>8800</td>
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<tr>
<td>Choir 8</td>
<td>8850</td>
</tr>
<tr>
<td>Symphonic Orchestra 8</td>
<td>8880</td>
</tr>
<tr>
<td>Art &amp; Design 8 B</td>
<td>8341</td>
</tr>
<tr>
<td>Exploring FACS 2</td>
<td>8430</td>
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<tr>
<td>Spanish 1B</td>
<td>5090</td>
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<tr>
<td>French 1B</td>
<td>5120</td>
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<tr>
<td>German 1B</td>
<td>5110</td>
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<tr>
<td>Mandarin Chinese 1B</td>
<td>5180</td>
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**Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.**

**Semester – Every Other Day All Year (0.5 credit)**

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<thead>
<tr>
<th>Course</th>
<th>Code</th>
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<tbody>
<tr>
<td>Art &amp; Design 8 A</td>
<td>8340</td>
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<tr>
<td>Print &amp; Graphics</td>
<td>8210</td>
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<tr>
<td>Collaborative Art</td>
<td>8220</td>
</tr>
<tr>
<td>Art History</td>
<td>8230</td>
</tr>
<tr>
<td>Drama</td>
<td>8560</td>
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<tr>
<td>Digital Compositions</td>
<td>8810</td>
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<tr>
<td>Personalized Piano</td>
<td>8820</td>
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<tr>
<td>Exploring FACS</td>
<td>8420</td>
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<tr>
<td>Game &amp; Film Design</td>
<td>8511</td>
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<tr>
<td>Gateway to Technology</td>
<td>8510</td>
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<tr>
<td>Introduction to Computer</td>
<td>8520</td>
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<td>KMIT Innovation Team</td>
<td>8521</td>
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<tr>
<td>Business 8</td>
<td>5040</td>
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<tr>
<td>Healthy &amp; Active Lifestyles A</td>
<td>5350</td>
</tr>
<tr>
<td>Healthy &amp; Active Lifestyles B</td>
<td>5360</td>
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**COURSE DESCRIPTIONS:** (Year long – Two Semester Equivalent)

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<thead>
<tr>
<th>Course</th>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>BAND 8</strong></td>
<td>8800</td>
<td>Band 8 is designed to develop advanced musical skills such as all major scales, extending playing ranges, rhythms, and expression through the music. Students will learn these skills by studying a wide variety of musical repertoire. This band performs several concerts each year as part of the course requirement. We strive for excellence and the discipline it takes to achieve it. All band members receive a weekly lesson. The class size of a lesson ranges from 1-10 students. Students will learn concepts and techniques specific to their instruments. Students will have an opportunity for individual growth through jazz ensemble, small ensembles, and solo opportunities.</td>
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<tr>
<td><strong>CHOIR 8</strong></td>
<td>8850</td>
<td>Choir 8 is a non-auditioned choir, open to all eighth grade students. Choir is a performance-based musical ensemble, giving boys and girls an opportunity to explore choral music written in a variety of styles. They learn intermediate and advanced concepts and techniques related to vocal production, music reading, and music theory. In addition to the daily choir class, every Choir student participates in a small group lesson once a week. This lesson time is dedicated to individualized musical skill building. There is a $2.00 binder fee charged for this course.</td>
</tr>
<tr>
<td><strong>SYMPHONIC ORCHESTRA 8</strong></td>
<td>8880</td>
<td>The Symphonic Orchestra is for all eighth grade string players. Players will continue to learn advanced musical techniques from different styles of music. Lessons are offered during lunchtime to help students learn concepts and techniques unique to their instrument. Seating auditions will take place twice a year. Various concerts and field trips are scheduled throughout the year. There is a $9.00 fee for the orchestra lesson book.</td>
</tr>
<tr>
<td><strong>SPANISH 1B</strong></td>
<td>5090</td>
<td>Spanish 1B is an elective course that meets daily. The Paso a Paso I textbook is utilized along with supplementary text materials. Communication and culture are experienced through reading, writing, speaking and listening. Writing assessments form part of the curriculum at this level. Emphasis is placed on communicating in the present tense, and incorporating new vocabulary in everyday situations. Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.</td>
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Using a communicative approach, students will be introduced to beginning vocabulary and grammatical structures of the French language. Main goals are speaking and understanding, with emphasis on oral and written work. Students will be introduced to some cultural aspects of French-speaking countries through videos and learning packets. Students will purchase and use the workbook *Bienvenue*.

**Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.**

The aim of German 1B is to give the student a comfortable familiarity with common expressions and exchanges of the German language. Listening and speaking are practiced as the student learns to request information and respond to common questions. All new concepts and vocabulary are reinforced by reading and writing. Students are introduced to the culture of the major German-speaking countries through readings, videos and printed materials.

**Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.**

Preparing our students to compete in a global economy is a priority. Mandarin Chinese will give students knowledge and skills to begin navigating the Chinese language both through written and spoken word. Students will also become aware of Chinese customs and practices to inform future global interactions. Chinese is the fastest growing language in the United States, and is spoken by more people than any other language in the world - more than 1.3 billion people are waiting for you to join the conversation.

**Students who successfully complete a class at the Middle School that is also offered at the High School will take the next class in the sequence of courses.**
<table>
<thead>
<tr>
<th>COURSE DESCRIPTIONS: (Semester Equivalent)</th>
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<tbody>
<tr>
<td><strong>BUSINESS 8 5040</strong></td>
</tr>
<tr>
<td>This course allows students to increase their knowledge and application of financial, economic, business and entrepreneurial literacy. In addition, leadership skills will be developed through classroom application in areas such as personal finance, budget development, and portfolio management. This course is aligned with the district’s vision for 21st Century learning. There is a $10.00 fee for this class.</td>
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<tr>
<td><strong>Exploring FACS 8420</strong></td>
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<tr>
<td>Exploring Family and Consumer Sciences (FACS) provides students a variety of learning experiences that promise to be both practical and fun. The course combines elements of different Family and Consumer Science disciplines - preparing foods and good nutrition, interior design, basic sewing, clothing maintenance and caring for young children. In the foods portion of the class, we will work through different food preparation processes, food safety, nutrition and food costs. In the textiles/clothing segment, we will discuss clothing design, as well as learn important skills for caring for clothing. Finally, in the caring for children portion, we will learn about how children grow and develop, and work on important childcare skills. The amount of time spent in different disciplines will be based on student interest. Students will need to provide fabric and notions for sewing projects. A $15.00 material fee will be charged.</td>
</tr>
<tr>
<td><strong>Exploring FACS 2 8430</strong></td>
</tr>
<tr>
<td>Exploring Family and Consumer Sciences (FACS) 2 is available for students who want to take a family and consumer science class every day all year. The same learning choices will be expanded depending on student choices. A $25.00 material fee will be charged.</td>
</tr>
<tr>
<td><strong>GATEWAY TO TECHNOLOGY 8 (GTT) 8510</strong></td>
</tr>
<tr>
<td>This is an elective semester class taught to 8th grade students. This course will be taught independently of Gateway to Technology 6 &amp; 7, but will use skills and individual experiences to provide learning and investigation in both group and individual projects. This course is highly recommended for any student planning on enrolling in the Pre-engineering program Project Lead the Way at Kettle Moraine High School. Gateway to Technology is a cutting edge program that has incorporated national standards in math, science, and technology. GTT curriculum provides project-based learning that relates technology and engineering to the students’ everyday lives. The instructional units excite and motivate students to use their imaginations and teach them to be creative and innovative while gaining the skills they need to develop, produce, and use products and services. Students with a high interest in engineering may repeat this course as an Independent Study with teacher approval. There is a $10.00 fee charged for this course.</td>
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<tr>
<td><strong>INTRODUCTION TO COMPUTER SCIENCE 8520</strong></td>
</tr>
<tr>
<td>Introduction to Computer Science is an introduction to the world of computer science. Students will learn problem solving skills through computational thought, discover what makes up a computer, build introductory web pages, explore the interactions between computers and humans, and build some entry-level computer programs.</td>
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<tr>
<td><strong>KMIT INNOVATION</strong></td>
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The Kettle Moraine Innovation Team is open to all Middle School students. The course is a hands-on, leadership-driven application of technology integration and troubleshooting in an educational setting. Students are required to define, evaluate, and respond with the best professional approach to a vast array of technology related issues and applications. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology and makerspace integration. Depending on scheduling needs, this course may occur during a student’s advisory period.

This course is an introduction to digital design. Students will have the opportunity to learn the basics of game design using tools for computer games as well as app store games. Students will also learn the fundamentals of film design using tools including digital cameras, video editing software, and green screen. Students will also learn how to use narrative design to help create their design concepts. There is no fee for this course.

This is an elective Physical Education class. The goal of this class is to educate the whole student while engaging in activities not seen in a traditional physical education class. Students will have a classroom component as well as a lab, or activity, component. We will learn about Adventure Education, which develops teamwork and leadership, and engage in outdoor activities such as orienteering and hiking. The course deals with topics such as nutrition for athletes as well as the general population, body image and media messages, social pressures and bullying, and goal setting. This class is geared toward developing physical, mental, emotional, and social well being in a fun and active atmosphere.

This is an elective Physical Education class. The goal of this class is to educate the whole student while engaging in activities not seen in a traditional physical education class. Students will have a classroom component as well as a lab, or activity, component. We will learn about and engage in non-traditional activities, such as Pilates and kickboxing. Students will have the opportunity to discover new ways to keep healthy and active and, most importantly, have fun! Students will spend time learning about common sport-related injuries and how to stay injury free, and will also learn about all of the different opportunities available in the health and fitness world. Students can expect to be exposed to a wide variety of careers that relate to wellness, athletics, and fitness.
In 8th grade Art and Design, students will have a greater choice in what mediums they will use to create their art. 2D and 3D media will be optional for the majority of art projects. Students will continue to explore the Elements and Principles of Design though various artists, cultures, new techniques and art genres. Creativity, persistence and communication skills will be developed as students work towards unique problem-solving solutions and build a portfolio of their work. There is a $15.00 materials fee for this course. Students can choose to take this course for 1 semester or the entire school year.

This course will provide an introduction to various types of printmaking, including the basic techniques of Monoprinting, Collography, Relief Printmaking and Screen Printing. Image transfer techniques will be introduced. Sketching and idea generation will focus on the principles of art to create successful compositions that translate into print media. Art historical information specific to Printmaking will be included in the scope of the class. There is a $15.00 materials fee for this course.

Students will learn about Art produced in collaboration with others through a range of artistic disciplines. They will learn and discuss how the community arts movement has taken hold in the United States of America and across the international spectrum. Research proves that the arts bolster economic development, serve as connectors between neighborhoods and cultural/ethnic groups, and revitalize (physically and emotionally) urban and rural places. Students will need to know how to turn ideas into action by gaining crucial skills in audience development and project development.

This course will define community, both local and global. It will guide students in the process of identifying and utilizing arts and resources within communities. Through art-based work, they will obtain a unique understanding of the role of art in communities and how to convey large scale ideas while developing advocacy strategies. There is a $15.00 materials fee for this course.

This is an introduction to art history. Students are exposed to art and architecture from around the world. Composition, theme and other elements of expression in art will be discussed in order for students to gain skills in analyzing, describing and assessing works of art. This art history course introduces students to famous artworks and discusses similarities and influences across cultures. Visual literacy will build students skills to interpret, negotiate, and make meaning from information presented in the form of an image, extending the meaning of literacy, which commonly signifies interpretation of a written or printed text.

Students will be introduced to the basic concepts of theatre art by analyzing characters and scripts. They will learn drama techniques such as portraying compelling characters, commanding audience attention, and developing stage presence. They will understand and follow stage directions and use proper techniques for body and voice control.

In Digital Compositions, students will focus on writing music using
COMPOSITIONS 8810

composition strategies through digital tools on the Chromebook. Students will be able to compose music using singing, piano or instruments from other ensembles. Students will be writing, recording and performing music, so a basic knowledge of note reading is highly recommended. Students will be working mostly independently and will present their final composition(s) at the end of the semester. There is a $10.00 fee for the workbook.

PERSONALIZED PIANO 8820

Personalized Piano is a student-driven course for students to learn the basics of piano. Students can come with or without experience. Course will be mostly self-paced and independent work on learning targets. A variety of music selections will be available for students to choose from in order to prove learning of specific targets. Students will demonstrate progress through a final performance for peers. There is a $10.00 fee for the lesson book.