8TH GRADE PROGRAM

English or ESL
Math
(Algebra or Geometry series will count towards HS graduation)
Science
Self & Society
Physical Education
(unless taking MPSA Certificate Program)

Choice of one World Language (will count towards HS graduation):
French
Japanese
Spanish

Choice of one Elective:
Advanced Learning Strategies
Japanese Exploratory
News Broadcasting I or II
Digital Media Design I or II
Design Thinking
Performing and Visual Arts Workshops
Theatre Arts Certificate Program
Dance Certificate Program
Contemporary Dance
Orchestra
Band

Eighth grade students are required to take seven courses each semester.

The 8th grade team is committed to engaging and supporting all students in learning. This is exemplified daily by their efforts to create learning environments that promote student autonomy, interaction, competence and choice. The team continues to provide an atmosphere that nurtures critical thinking skills, oral and written communication, and reasoning analysis. Students are encouraged to assume a greater responsibility for their learning as the year progresses and to advocate for themselves when they need help. This will transition to academic and interpersonal success in High School.
English 8 (M1200) – Year course
English 8 integrates the study of literature, composition, and language to further improve students’ skills in reading, writing, speaking, and listening. Students will develop their reading skills through novels, drama, and poetry and their writing skills through essays, journals, narratives, and poems. Students will also examine the structure of the English language through grammar and vocabulary instruction.

ESL Courses - Students will be placed in courses according to demonstrated level of English. These courses will replace the English, Advanced Learning Strategies, Science and Social Studies (Self & Society)
- Intro to American Culture (M1925) required for all ESL students
- Academic Skills (M1922)
- Conversational English (M1923)
- Advanced Transitional English (M1924)

Mathematics - Students will be placed in courses according to demonstrated knowledge, experience and ability.

Algebra I-A/I-B (M3080) – Year course
This is a high school credit course and grade will be transferred to the student's high school transcript. This course is the first and second of a three-semester study of Algebra. The first semester covers the study of fractions and fractals, data exploration (bar graphs, dot plots, box plots, stem-and-leaf plots), matrices, proportions, probability, relative frequency graphs, direct and inverse variation, and an introduction to similar figures are included. Students are expected to actively participate as they learn these concepts. A graphing calculator and protractor are required. The second semester topics include graphing linear equations, writing equations of lines, solving systems of equations and inequalities and working with exponents and exponential models. The graphing calculator is used regularly.

Algebra I-1/I-2 (M3140) – Year course
This is a high school credit course and grade will be transferred to the student's high school transcript. This course is intensive and rapidly paced. Those enrolling in the course must be recommended by their math teacher(s) and have demonstrated strong ability and motivation. The first semester topics include the fractions and fractals, data exploration, matrices, proportions, probability, relative frequency graphics, direct and inverse variation, an introduction to similar figures, and linear equations. Second semester topics to be covered include solving systems of equations and inequalities, working with exponents and exponential models, the study of functions and transformations, solving quadratic equations, working with quadratic models, and an introduction to geometry. Graphing calculator and a protractor are required.

Geometry A/B (M3180) – Year course
This is a high school credit course and grade will be transferred to the student's high school transcript. This is a two-semester sequence in the study of Euclidean geometry. An investigative approach is taken to the study of geometric reasoning, lines, angles, symmetry, triangles, and polygons. Students learn geometric constructions and how to make conjectures. Students are expected to participate actively in problem-solving and communicate effectively during this course. During the second semester, topics include area, volume, transformations, similarity, the Pythagorean theorem, the right triangle trigonometry. Students are expected to actively participate in the investigation of each topic and to learn the relationships that exist with circles and lines. Students learn to make connections between geometric and algebraic concepts. Geometry is studied as a mathematical system and the idea of proof is developed. Graphing calculators are used regularly.

Science 8 (M4200) – Year course
This is a laboratory/activity oriented course that integrates different areas of science. The student's ability to solve problems and apply scientific principles is developed. Students will be introduced to astronomy and prepare for a trip to the Challenger Center. Biology, Chemistry and Ecology will be integrated into a unit that focuses on the Earth's waters both fresh and marine. Students will study the cell and its processes including photosynthesis and cellular respiration. They will look at how DNA in the cell is passed on through heredity in the study of genetics.

Self & Society (M5200) – Year course
This course covers a variety of civics and guidance topics. Students will explore the challenges of adolescence and positive ways to deal with them. They will also gain an understanding of American government at the local, state, and national levels. Current events and social issues will be integrated throughout the units.
8th Grade Physical Education (M7200) – Year course
The primary purpose is to encourage a positive attitude toward physical activities and develop habits for a healthy lifestyle. It is important for adolescences to learn terminology used in nutrition and health-related topics.

WORLD LANGUAGES

French I (M2120) – Year course
This is a high school credit course and grade will be transferred to the student’s high school transcript.
Learn about different French-speaking worlds, ways of living, and cultures. Acquire practical skills in order to communicate in the target language: speaking (express simple meaningful messages), listening (understand a conversation), writing (write simple essays), reading (understand the meaning of a simple text).

Japanese I (M2260) – Year course
This is a high school credit course and grade will be transferred to the student’s high school transcript.
This course provides students with a strong foundation of the Japanese language through the development of the four language skills: speaking, listening, reading and writing. Hiragana will be introduced at the beginning of the first semester and Katakana is introduced at the beginning of the second semester. This course focuses on useful expressions, practical Japanese conversation, and cultural awareness.

Spanish I (M2600) – Year course
This is a high school credit course and grade will be transferred to the student’s high school transcript.
Learn about different Spanish-speaking worlds, ways of living, and cultures. Acquire practical skills in order to communicate in the target language: speaking (express simple meaningful messages), listening (understand a conversation), writing (write simple essays), reading (understand the meaning of a simple text).

ELECTIVES – SEMESTER COURSES

8th Grade Visual Art Workshop (M6030) – Semester course (see also YEAR course)
The students will be provided opportunities to learn art concepts, gain knowledge of the historical context of art forms, develop and hone technical skills and gain a broad understanding and appreciation of visual art. The first half of the semester concentrates on 2-dimensional art: drawing, painting, and printmaking. Students will learn various techniques and experience using a variety of materials to create art. During the second half of the semester, the students will study 3-dimensional art forms and create sculptures utilizing clay, wire, and paper.

Musical Theatre Workshop (M6040) – Semester course
This course is designed to expose students to musical theatre through work on scenes and songs from traditional and contemporary musical theatre literature. Students will learn proper vocal technique and character development and they will develop an appreciation for individual expression in a situation that requires ensemble cooperation. This course provides a solid foundation for any of the performing arts courses in the Theatre and Musical Theatre Certificate Programs of MPSA.

Theatre Workshop (M6020) – Semester course
This course introduces the student to performance techniques through the ensemble approach. Students will work together as a group to increase their abilities and create their own theatre. Students will participate in warm-ups, theatre games and improvisations, as well as prepare monologues and short theatre pieces, both scripted and student-developed. Students will be evaluated, not only for their work, but also how well they contribute to the group dynamic—one of the most important (and enjoyable) aspects of creating theatre. By the end of the course, students will have a solid foundation for either the Acting I course or the Theatre Certificate Program of the MPSA. Rehearsals and performances may be occasionally scheduled outside the school day and will be required for credit. Attendance at school and community performances may also be required for credit.
**Advanced Learning Strategies (M1250) – Year course**

This is a skills building course for 7th and 8th graders designed to develop and strengthen learning strategies essential for middle school students. This course focuses on advanced learning strategies to help students become better, more independent learners by developing and applying critical thinking through internet research, digital citizenship, technology integration, and portfolio creation. Management, interpersonal and collaborative skills will be reinforced.

**Japanese Exploratory (M2261) – Year course**

This course will provide students with hands on experiences with language and culture introducing students to basic vocabulary, expressions and customs. This course is not for high school credit but intended to assist students in determining the world language course they will pursue for high school graduation credit. MPI High School requires three years of the same language to graduate.

**News Broadcasting I (M4520) – Year course**

*Prerequisite: Department approval; preference given to 7th grade students*

This course is designed to introduce students to the basic stages of video storytelling. Students will learn how to create Commercials, Public Service Announcements, News Stories and Graphics. This project-based class is hands-on and requires students to work as a team and collaborate with others. Commitment outside of class is often required.

**News Broadcasting II (M4540) – Year course**

*Prerequisite: News Broadcasting I or Digital Media Design, and department approval*

Taught in Chew Technology Center, this production-based class will give students the opportunity to continue to develop their skills in news broadcasting by producing the Middle School news broadcast show. During the 2nd semester, students will have the opportunity to learn the equipment available in the high school’s digital studio.

**Digital Media Design I (M4640) or II (M4641) – Year course**

*Prerequisite: Department approval*

Preference given to 8th grade. Digital Media Design is a course designed to teach the digital media tools and techniques. Students will learn and conceptualize the process to story delivery in digital format, using text, graphics, audio, video, animation and interactivity. This course includes a survey of a variety of digital media applications including: Photoshop, Flash (animation), Dreamweaver (web authoring) and Final Cut Pro (video & audio editing).

**Design Thinking (M4650) – Year course**

This exciting and interactive class will prepare students to develop an understanding of innovation and design thinking through the process of collaborative problem solving, visual thinking, hands-on activities, immersion and prototyping. Through direct instruction and hands on projects students will create possible design solutions to real world problems with the use of technology and prototyping.

**8th Grade Visual Art Workshop (Traditional & Digital)(M6030/M6050) – Year course**

The first semester will cover curriculum as outlined in course 1603. In the second semester, *Art turns Digital*. Taking the traditional art concepts learned in the first half of Art Workshop, students will have hands on experience with various art software like ArtRage, the state-of-the-art paint software and Manga Studio, the ultimate Anime software. Students will also have the opportunity to work on a Cintiq interactive monitor.

**Contemporary Dance I (M6230) – Year course**

This course is designed for the student who has had very little or no dance training. The basics of jazz dance as well as barre exercises will provide the technical foundation for the class. Students will also explore elements of improvisation and choreography.
Band Courses – If you have previous experience, please contact Mr. Nii at 973-5050 for a placement audition.

Beginning Orchestra (M6280) – Year course
Beginning Orchestra students will learn basic string and musician skills for violin, viola, cello and bass through a combination of individual attention and class participation in order to select one instrument best suited for the student. Students are introduced to reading, fingering and bowing skills as they learn to play simple melodies from folk and classical repertoire. Performances will be required. There will be a fee for renting an instrument.

Intermediate Orchestra (M6290) – Year course
Intermediate Orchestra is a continuation of the studies of the skills and techniques initiated in Beginning Orchestra. Special attention will be applied to developing vibrato and studying varied bow strokes. The repertoire will include some of the standards in the string literature in arrangements suitable for the class. Performances are required. There will be a fee for renting an instrument.

Beginning Band (M6320) – Year course
Beginning Band helps the student examine various woodwind, brass and percussion instruments in order to select the one instrument best suited for the student. The development of basic principles of playing an instrument, such as embouchure, breath control, tone production, rhythm, note reading and other factors important to the development of good musicianship are covered in the course. Performances will be required. There will be a fee for renting an instrument.

Concert Band (M6330) – Year course
Concert Band is a continuation of the study of the skills and techniques learned in Beginning Band. More emphasis is placed on the development of greater range, better tone production and technique. More individual practice is required in order for the student to master the more difficult music that is studied in class. A great variety of music and playing experiences is explored. Performances will be required. There will be a fee for renting an instrument.

MPSA CERTIFICATE PROGRAM
Contact MPSA Office at 973-5071 for more information.
The Mid-Pacific School of the Arts Dance Certificate and Theatre Certificate programs are offered to students in grade 8 and continues into high school. MS Dance and Theatre Certificate students fulfill middle school PE credit by taking ballet or theatre concurrently with contemporary dance. Class placement is by audition and/or department approval. Attendance at school and community dance concerts and/or theatre productions may be required for course credit. Students who begin Level I in grade 8 may be required to take a summer school dance course to advance to the high school level.

MPSA DANCE CERTIFICATE PROGRAM
The following courses are offered to the serious dance student and must be taken concurrently:

MPSA Certificate Dance I: Ballet I (M6100) AND Contemporary Dance I (M6110) – Year courses
These courses will introduce the student to the fundamental techniques of classical ballet and contemporary dance. These courses are designed for the student who has had very little or no previous training.

MPSA Certificate Dance II: Ballet II (M6120) AND Contemporary Dance II (M6130) – Year courses
These courses are a continuation of the fundamental techniques of classical ballet and contemporary dance at a beginning or intermediate level.

MPSA Certificate Dance III: Ballet III (M6140) AND Contemporary Dance III (M6150) – Year courses
These courses are designed to challenge the intermediate/advanced dancer in classical ballet and contemporary dance.

MPSA THEATRE ARTS CERTIFICATE PROGRAM
Theatre Workshop (M6020) AND Musical Theatre Workshop (M6040) – Semester courses AND Contemporary Dance I (M6230) – Year course
<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
<th>Notes</th>
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<tbody>
<tr>
<td><strong>Language Arts</strong></td>
<td>4 credits</td>
<td>(Enrollment in an English course is required each semester)</td>
</tr>
<tr>
<td><strong>World Language</strong></td>
<td>3 credits</td>
<td>1 foreign language</td>
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<td></td>
<td></td>
<td>(Credit will be given for Level I completed in Grade 8)</td>
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<tr>
<td><strong>Mathematics</strong></td>
<td>3 credits</td>
<td>Algebra I - Geometry - Algebra II</td>
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<td></td>
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<td>(Credit will be given for any of the above completed in Grade 7 or 8)</td>
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<tr>
<td><strong>Science</strong></td>
<td>1 credit</td>
<td>Biology</td>
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<tr>
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<td>Chemistry</td>
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<td>Physics</td>
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<tr>
<td><strong>Social Studies</strong></td>
<td>3 credits</td>
<td>(To include U.S. History)</td>
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<tr>
<td><strong>Performing &amp; Visual Arts</strong></td>
<td>2 credits</td>
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<tr>
<td><strong>Health</strong></td>
<td>½ credit</td>
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<tr>
<td><strong>Physical Education</strong></td>
<td>1 ½ credits</td>
<td>(To include successful completion of swim test)</td>
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<tr>
<td><strong>Technology for the 21st Century</strong></td>
<td>½ credit</td>
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<tr>
<td><strong>Electives</strong></td>
<td>4 credits</td>
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1 credit = Completion of one year of course work  
½ credit = Completion of one semester of course work
All new students will be placed in an appropriate course, as determined by one or more placement tests and other criteria.

All courses are semester courses and are offered both semesters, unless specified otherwise.

-Algebra I-C (8th grade summer school only)

-Geometry A

-Geometry B

-Algebra II-A

-Algebra II-B

-Pre-Calculus Foundations

-Pre-Calculus I

-Pre-Calculus II (2nd semester only)

-AP Calculus-AB (IB/SL) (Year-long course)

-AP Calculus-BC (IB/SL) (2nd semester only)

-AP Statistics (Year-long course)

-Statistics

-Mathematical Studies A or B (IB/SL)

-Mathematical Studies A or B (IB/SL)

*Algebra I, Geometry, and Algebra II are graduation requirements.

**With department approval, students may take Statistics, Mathematical Studies, or AP Statistics concurrently with Pre-Calculus or AP Calculus courses.
SCIENCE
SEQUENCE OF COURSES

Science 6

7th Grade Science

Science 8

Biology

Chemistry

Physics

Chemistry

OR

IB Chemistry SL

Biology

OR

IB Biology SL

AP Chemistry (IB/HL)

AP Physics (IB/HL)

AP Biology (IB/HL)

AP Environmental Science (IB/SL)

Environmental Science

Aquaponics

Forensics

Oceanography

Chemistry

OR

IB Chemistry SL

Biology

OR

IB Biology SL

AP Chemistry (IB/HL)

AP Physics (IB/HL)

AP Biology (IB/HL)

AP Physics (IB/HL)

AP Biology (IB/HL)
Student Name:

This form is only to help you prepare for registration. You must submit your choices on the online registration form.

Eighth graders are required to enroll in seven (7) classes – you choose three classes and the four remaining classes are automatically scheduled for you. If you have any questions, please call Mrs. Matsumoto at 973-5029.

You are automatically enrolled in:
1. Mathematics (Students will be placed in courses according to demonstrated knowledge, experience, and ability.)
2. ESL Intro to American Culture
3. ESL Academic Skills
4. ESL Conversational English OR Science OR Self & Society (Social Studies)
5. ESL Advanced Transitional English

6. **8th Grade Physical Education – Select one:**
   - M7200 8th Grade Physical Education
   - **No PE (for MPSA Certificate students)**

7. **ELECTIVE – Rank in order of preference (1, 2, and 3):**
   - M1250 Advanced Learning Strategies
   - M2261 Japanese Exploratory
   - M4520 News Broadcasting I
   - M4540 News Broadcasting II
   - M4640 Digital Media Design I
   - M4641 Digital Media Design II
   - M4650 Design Thinking
   - M6030/M6050 Visual Art Workshop (Traditional & Digital)
   - M6020/M6030 Theatre Workshop & Visual Arts Workshop
   - M6030/M6040 Visual Arts Workshop & Musical Theatre Workshop
   - M6020/M6040 Theatre Workshop & Musical Theatre Workshop
   - M6230 Contemporary Dance I
   - M6280 Beginning Orchestra*
   - M6290 Intermediate Orchestra*
   - M6320 Beginning Band*
   - M6330 Concert Band*

MPSA Dance and Theatre Arts Certificate Programs**:
   - M6100/M6110 Ballet I & Contemporary Dance I
   - M6120/M6130 Ballet II & Contemporary Dance II
   - M6140/M6150 Ballet III & Contemporary Dance III
   - M6020/M6040/M6230 Theatre Workshop, Musical Theatre Workshop, & Contemporary Dance I

*BAND/ORCHESTRA – There will be a fee for renting an instrument. Students continuing band/orchestra will be placed at appropriate level. For students taking band for the first time and have had previous experience playing an instrument, please call Mr. Allen Nii at 973-5050 to schedule a placement audition.

**MPSA CERTIFICATE PROGRAM – Dance and Theatre Certificate students fulfill Middle School PE credit by taking ballet or theatre concurrently with contemporary dance.
ENGLISH AS A SECOND LANGUAGE (ESL)

ESL ENGLISH 7/8
For students entering grades 7-8  SM1943  06/07-07/18  8:00am-12:00pm  $1,175  No credit
This course is required for ESL students in grades 7 and 8 who have completed one year in the ESL program. It includes literature study, essay writing, vocabulary development, grammar and mechanics study, and listening-speaking skill practice. Emphasis is on understanding spoken English, comprehending written materials, and development of facility with the English language.

ESL ENGLISH 9/10
For students entering grades 9-10  SH1944  06/09-07/18  8:00am-12:00pm  $1,175  1 credit
This course is required for ESL students in grades 9 and 10 who have completed one year in the ESL program. It includes literature study, vocabulary development, grammar and mechanics study, listening-speaking skills practice, and essay writing. Emphasis is on understanding spoken English, comprehending written materials, and development of facility with the English language.

ESL (Basic)
For students entering grades 7-12  SM1942  06/09-07/18  8:00am-12:00pm  $1,175  No credit
This summer ESL Program is designed as an introduction to English for academic purposes for students who intend to study in the United States, but have limited English proficiency. It is primarily intended for ESL students at the basic or intermediate level who are attending or plan to attend a high school in the United States. Students will begin the transition to the American education system through basic instruction in reading, writing, grammar, listening, speaking, and study skills. In addition, students will receive an introduction to the culture, customs, and social conventions of Hawaii and the United States. Enrolled students’ English proficiency is assessed for class placement. Contact the Summer School office to make arrangements for testing.

For more information about summer school courses and to download registration forms, go to Edline under Contents->Middle School docs->SY 14-15 Registration