

2009-2010 Course Offerings

Madison Means Success

The information provided in this book has been prepared to assist each Student in selecting their courses for the upcoming year.



2009-2010 Course Offerings

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General Information

Course Selections

All eighth grade students will be enrolled in a six hour day. Four hours will be required core classes (Math, English, World History, Science). These classes are in close proximity to each other making the school setting seem smaller. Two hours will be elective classes. Students and their parents should carefully consider the curriculum offerings prior to determining course selection. The counselor will assist students and parents in pre-enrollment and in planning for the future. Consideration should be given to prior successes as well as special interests and aptitudes. Your child's instructional team will consist of the four core teachers, a counselor, and an administrator.

Advanced Classes

Eighth graders have the opportunity to be considered for advanced classes in Language Arts and Math. Advanced classes are open to students who feel he/she is capable of handling a more rigorous workload. Students who have excelled academically are encouraged to consider advanced classes. Self motivated and independent learners who are excited about challenging tasks and ideas in a subject area will succeed in these classes. Typically these classes move at a faster pace and require an increased time commitment to homework and study. Teacher recommendation is not mandatory for students to take advanced classes, however we do find the teachers' input to be very valuable. Students who sign up for an advanced course but do not meet the minimum grade criteria will have his/her schedule changed.

Schedule Changes

The class schedule for the 2009-2010 will be constructed to fit the needs indicated by spring pre-enrollment. Students will be given a one week window to change classes at the beginning of each quarter. Schedules will not be changed after the window has closed.

Elective Classes

Students will enroll in two hours of elective classes. Choir, Orchestra and Band and Spanish are year long classes. All 8th Grade Electives; Physical Education Keyboarding, Tech Ed/GTT, Art, and Music are a semester.

Special Programs

Intensive Reading classes are offered for students who are reading two/more years below grade level. These students will receive extensive hands on applications to enhance their reading/spelling skills.

Gifted education is provided through Honors courses

Non-traditional classes are available to students being enrolled through Curriculum Access Resource Guide (CARG-A and CARG-M). These classes require written team approval.

Your students attendance is important at Madison. We follow state mandates for student attendance policies. Please plan all vacations/travel plans around our school calendar as these absences will not be excused.

We are excited about having your student at Madison Middle School and look forward to a successful year. We want to offer our support and guidance as you prepare your child's enrollment form. Madison Middle School Counselors are available to answer any questions you might have regarding course selections or the enrollment process.

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General Information Continued

Honors Math Sequence

Grade	Honors AP Classes	
8th	Algebra 1 Honors	Geometry Honors
9th	Geometry Honors	Algebra II Honors
10th	Algebra II Honors	Pre-AP Pre-Calculus or AP Statistics
11th	Pre-AP Pre-Calculus Pre-AP Statistics	Pre-AP Pre-Calculus or Calculus AB or Calculus BC
12th	Pre-Calculus or Calculus AB or Calculus BC	AP Statistics or off-campus college course

Ace Legislation requires students must complete 3 units of math above 8th grade level. Algebra 1 Honors, Geometry Honors & Algebra II Honors taken before 9th grade will not fulfill the three required classes.

Senate Bill 982

“Achieving Classroom Excellence Act of 2005”

“Beginning with students entering the ninth grade in 2008-2009, every student shall demonstrate mastery of the state academic content standards in the following subject areas in order to graduate from a public high school with a standard diploma. 70 O.S. § 1210.523

Students must take End-of-Instruction Tests (EOIs) after they take these

subjects:

***Algebra I**

Algebra II

Biology 1

***English II**

English III

U.S. History

Geometry

***Required + 2 others**

What End-of Instruction tests mean to students:

- Students must pass 4 out of 7 (including Algebra 1 and English II) to graduate from high school in Oklahoma.
- Results are recorded on students' transcripts when they pass as: Advanced or Satisfactory
- End of Instruction tests an 8th grader might take: Algebra 1 or Geometry
- Students enrolled in subjects that take an End of Instruction test will also take the 8th grade Math OCCT test.



8th Grade Curriculum Offerings



Science

8th Grade Earth Science:

Students in the 8th grade study space and Earth Science. They will learn about the atmosphere, geosphere, and hydrosphere. Students complete a 16 district lab requirement along with participating in many other science and inquiry activities. The content is focused on the Earth's Solar System, geology, measurement, weather, climate, volcanoes, earthquakes, hurricanes, tornadoes, tsunamis, constellations, energy, rock cycle, and reinforce the science skills as well as review some Physical and Biological sciences.

U.S. History

8th Grade U.S. History

This is a course designed to help students understand the development of the United States from European exploration to the Civil War. A special emphasis is focused on the political, cultural, and social development of the time period.

English

8th Grade Traditional English/Language

Literature, grammar, and vocabulary are presented in an integrated approach, designed to demonstrate their relationship with effective written communication skills. Students will read and analyze a variety of literature, write a research paper, and have an opportunity to express themselves through original written works.

8th Grade Pre-AP English/Language

Pre-AP English classes will include all of the components of the traditional course. In addition, students must read on at least the eighth grade level and have a high interest and strong aptitude for English. Students must be able to think critically, analyze the written word, and be motivated to work outside of the classroom. Independent reading is required, including the summer reading assignment prior to the eighth grade year.

Math

8th Grade Pre-Algebra: This class is designed to prepare the student for high school Algebra 1. Students will solve and graph linear equations and inequalities, will use rational numbers and proportional reasoning to solve problems, and will use exponents and their properties to describe the magnitude of very large and very small numbers. Students will develop an understanding of solid geometry through classification and modeling to formulate surface area and volume of three dimensional objects. Students will also use data analysis and statistics to interpret data in a variety of contexts.

8th Grade Algebra 1: Prerequisite: Score of 80% or higher on the Orleans Hanna Algebra Prognosis Test, successful completion of 7th grade Pre-Algebra with an 80% or higher, and a signed course agreement contract. Students in this course must maintain an 75% at each grading period to remain in Algebra 1. Students should be willing to be prepared to spend an average of one hour per night working on Algebra. Students who successfully complete this class, and score satisfactory or above on the Algebra 1 EOI (End of Instruction) Exam, will receive up to 1 high school credit for their transcript. Class concepts include: solving linear equations and inequalities, polynomial operations, graphing, rational and irrational number theory, and quadratic equations. Analytical problem solving, self motivation and critical

Pre-AP Geometry: Prerequisite: Course grade of 80% or higher in 7th grade Algebra 1. Students in this course must maintain an 80% at each grading period to remain in Geometry. Students should be willing to be prepared to spend an average of one hour per night working on Geometry. Students who successfully complete this class, and score satisfactory or above on the Geometry EOI (End of Instruction) Exam, will receive up to 1 high school credit for their transcript. Geometry utilizes algebraic reasoning previously learned, as well as logical and higher order thinking skills to solve geometric problems. Topics covered include: points, lines, planes, and angles. Also covered: planar (2D) shapes, area, volume, coordinate geometry, formal and informal proofs. This course is designed to encourage students to describe, measure, and solve real life problems, as well as deepen their ability reason and think geometrically.

8th Grade Elective Classes

8th Grade Band-Full Year

Prerequisite: The student must complete 7th grade band or have a recommendation from the instructor. 8th grade band stresses the continued reinforcement of sound performance technique while expanding the student's knowledge and skills in theory, tone production, rhythm, aural perception, musical style, phrasing * expression, and ensemble technique. On average, 4-8 performance opportunities.

8th Grade Orchestra Full Year

Eighth grade orchestra students will be playing in first, third, and some fourth position. Eighth grade students will play more complex rhythms, more bowing styles and advanced musicianship skills such as listening for balance, intonation, vibrato and much more. They will perform on two major concerts. In addition to that they will perform for the academic awards night and two large group contests. They will individually be able to attend District Solo and Ensemble contest in the spring and All District Honors orchestra in the fall. Those who are accepted by audition will be able to participate in the clinic in November.

8th Grade Choir-Full Year

Select Choir – This class requires teacher recommendation. Choir is a class designed to help students improve their singing technique including posture, breathing diction, blend, harmony, and tone production. Class instruction stresses the study of all classifications of choral literature. Attendance at public performances outside of class time is required as part of the class assignment. There are approximately 3 required evening performances and one required choral contest during the year with the option to participate in honor choir auditions and Solo and Ensemble Contest.

8th Grade Introduction to Keyboarding-Semester class

This course is an elective, one semester class that allows a student who passes with a "D" or better to earn ½ High School Credit towards graduation. This class is offered to students who want to earn high school credit and become more skilled at keyboarding. In addition, it is to introduce students to word processing which will be used in the next level of technology that students can take at the Mid-High or High School. It focuses on complimenting and enhancing "across the curriculum" language based activities, through reinforcement of touch typing and word processing skills. The class meets 5 days per week and a semester test will be given.

Middle School: Gateway to Technology® - Semester Class

Gateway To Technology® is an activity-oriented middle school curriculum—a program designed to help students in grades six through eight explore math, science, and technology. There are five independent, nine-week units; schools are expected to offer a minimum of two units, Design and Modeling™ and Automation and Robotics™. Most schools elect to offer four or more of the following:

- Design and Modeling™
- The Magic of Electrons™
- The Science of Technology™
- Automation and Robotics™ Flight and Space™

8th Grade - Spanish Full Year

Prerequisite: Recommend "C" average in language arts.

Communication and self-expression in Spanish are the main goals. The course provides a strong foundation in grammar, vocabulary, and culture. The approach emphasizes speaking and listening comprehension as well as reading and writing skills. The culture of Spanish speaking countries is also highlighted. Your grade in this class will be placed on your high school transcript and will count towards your high school GPA.



8th Grade Elective Classes Continued

8th Grade Physical Education Semester Class

7th-8th grade PE: 7th and 8th grade students will participate in physical activities and health classes throughout the semester. Physical activities will include life long sports/activities, team sports, and personal fitness. Students will learn to take responsibility for their own health through a variety of class activities. Students will learn about nutrition, substance abuse, making positive health choices, and other health related issues. Students will be required to dress out as this promotes

8th Grade Music Drama Semester Class

Musical Drama – This course is designed to allow students the opportunity to explore theatre production as performers and technicians. They will work on stage presence, projection, pantomime, improvisation, as well as learn about and participate in the art of stage craft including lighting, sound and set construction. At the end of the semester the students will present two performances one for the student body during the day and one evening performance for family and friends.

8th Grade School Services 9 Week Class

This is an opportunity for students to assist school staff as an aide. Students help staff in the front office, attendance office, counselor's office and library. Students must apply for this position, have a teacher recommendation, and parent approval. Students do not receive a grade.

8th Grade Intensive Reading Year Long

This is a mandatory class for students who are reading two or more years below Grade level. These students will receive extensive hands on applications at their level to enhance their reading/spelling skills. Using the Literacy First Model, teachers incorporate strategies that will further students comprehension, inference, summarization, fluency, and spelling skills. Students will be placed in this class in place of an elective hour. Teachers will continually evaluate students progress. Should appropriate gains be made during the school year students will have the opportunity to be placed in another elective class.



8th Grade Art-Semester Class

Elements of Art and Principles of Design are further explored in both two dimensional and three dimensional art projects. Two point perspective, pencil, ink drawing, watercolor and acrylic painting, weaving, ceramics, oil pastels, and printmaking are explored with proper technique stressed. The class objectives are derived from the state PASS objectives. An Art supply list provided and suggested for purchase.

8th Grade Life Management Semester Class

Life management classes introduce students to areas of relationships, personal challenges (values and decision making), child care, personal space, consumer issues, nutrition and eating habits, health and wellness (stress management and substance abuse, food preparation skills and food labs), personal care, clothing management and career exploration. The course is enhanced with professional guest speakers from the health department, fire department and a licensed skincare technician. The application of basic skills, such as math, science and language arts, is included in all of these areas.

