



2011-2012
RAMAY
JUNIOR HIGH
CAREER &
ACADEMIC
Planning Guide

RAMAY JR. HIGH SCHOOL

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RAMAY JUNIOR HIGH SCHOOL COURSE DESCRIPTIONS

AGRICULTURE

491150 Agriculture Science & Technology (9) 1 Year, 1 Unit
 This is an introductory course covering a wide variety of topics in agriculture. This course is designed to present a broad spectrum of topics in agriculture science, leadership, and mechanics. Areas covered include animal science, plant science, food science, natural resources, ag business, and FFA. Students also do hands-on skills in the areas of woodworking, electricity, plumbing, and small gas engines. Students are required to keep a notebook, participate in class activities and master a wide range of skills.

ART

388510 Visual Art (8) 1 Year, 1 Unit
 This course in visual art helps students to inquire, explore, and discover historical, cultural, social, environmental, and personal references from which to develop concepts and ideas. Students will use their creativity in a wide variety of media, techniques, processes, and tools to develop original works of art using the elements of art and principles of design. There is a \$15.00 art fee to cover students' consumable supplies.

450000 Art 1 (9) 1 Year, 1 Unit
This course will fulfill the Fine Arts requirement for graduation.
 This course assists inexperienced art students in reflecting, responding, and rediscovering artwork while connecting with the concept of self, of others, of environments, and of historical and cultural influences. Students will use their creativity in a wide variety of media, techniques, processes, and tools to develop original works of art and design. A strong emphasis will be placed on using the elements of art and principles of design. There is a \$15.00 art fee to cover students' consumable supplies.

450001 Art 1 - Advanced (9) 1 Year, 1 Unit
Prerequisite: *Students must demonstrate previous art experience (Visual Art (8) or portfolio) and complete an application.*
This course will fulfill the Fine Arts requirement for graduation.
 This course requires experienced artists to bring high interest and self-motivation to class. Building on the skills developed in Visual Art 8, students will further explore various media to express ideas visually. There is a \$15.00 materials fee to cover consumable supplies. Students enrolled in Studio Art (9) will build a portfolio and keep a sketchbook, which will assist interested students who apply for Studio II at FHS.

ATHLETICS

Enrollment in any athletics program requires coaches' approval. Approval is based on academic record and behavior displayed in school. Arkansas Activities Association (AAA) eligibility requirements must be met. All equipment is provided except shoes. A doctor's physical examination is required.

999813 Basketball – boys (8) 1 Year, 1 Unit
58502B Basketball – boys (9) 1 Year (½ Unit PE, ½ Unit Athletics)
999815 Basketball – girls (8) 1 Year, 1 Unit

58502A Basketball – girls (9) 1 Year (½ Unit PE, ½ Unit Athletics)

The basketball program at the junior high school level is designed to accomplish many things, such as:

- *Building confidence*
- *Developing skills in basketball*
- *Promoting teamwork*
- *Providing physical development*
- *Promoting sportsmanship*
- *Promoting school spirit*
- *Teaching discipline*
- *Teaching responsibility*

Students will sign up for athletics in the spring. Coaches will decide who will represent our school based upon grades, citizenship marks, and basketball ability. The first 2½ months of the program are spent in physical development and skill training for the game of basketball. During the season, the athletes practice offense and defense for the upcoming game. During the post season, students will focus upon developing the skills of dribbling, shooting, passing and defensive work. Students also stretch, lift weights, run, and play pickup games as they continue to develop as individuals and as a team.

999850 Cheerleading (8) 1 Year, 1 Unit

58502C Cheerleading (9) 1 Year (½ Unit PE, ½ Unit Athletics)

Cheerleading counts as an activity credit. Students can only take one (1) activity class each year for elective credit. This course is for students who have been selected to the cheerleading squad the previous spring. During class the girls will work on cheers, building techniques, conditioning and performance pieces.

999821 Cross Country (8) 1 Year, 1 Unit Athletics

58502T Cross Country (9) 1 Year (½ Unit PE, ½ Unit Athletics)

Enrollment requires the coach's approval. Approval is based on academic record, behavior displayed, and ability to complete distance runs. Practice consists of runs up to three miles as well as weight training. Students will compete in races during August through October which will be held after school or on Saturday mornings. Participants must have physical and training shoes.

999851 Dance (8) 1 Year, 1 Unit

58502D Dance (9) 1 Year (½ Unit PE, ½ Unit Athletics)

Dance counts as an activity credit. Students can only take one (1) activity class each year for elective credit. This course is for students who have been selected to the dance squad the previous spring. During class the girls will create and perfect routines for half-time performances, learn cheers, and work on dance techniques.

999811 Football (8) 1 Year, 1 Unit

58502F Football (9) 1 Year (½ Unit PE, ½ Unit Athletics)

Enrollment in this program requires coaches' approval. Approval is based on academic record, discipline record, and behaviors displayed in school. Practice will begin two (2) weeks prior to the start of

school. Once school begins, practice will last until 5:30 p.m. during the school week. All equipment is provided with the exception of shoes. A doctor's physical is required.

999817 Track (Spring - 8) 1 semester, ½ Unit

999816 Track (Spring - 9) 1 semester, ½ Unit Athletics

At Ramay: Track helps students develop speed, strength, and cardiovascular endurance, along with learning to compete against athletes from a variety of other schools. Track athletes will be chosen with the following criteria:

- *Citizenship: Only students who exhibit responsible behavior will be allowed to attend track meets.*
- *Athletic Ability: Track offers 14 different events so there are many opportunities for participants.*

999823 Volleyball (8) 1 Year, 1 Unit

58502V Volleyball (9) 1 Year (½ Unit PE, ½ Unit Athletics)

The volleyball program at Ramay Junior High School is designed to accomplish many things, such as:

- Building confidence and social skills
- Developing skills in volleyball
- Promoting teamwork
- Providing physical development
- Promoting sportsmanship
- Promoting school spirit
- Providing community services
- Building time management skills

The coach receives information about the candidate through this process. Coaches will decide who will represent our school based upon grades, citizenship marks, and volleyball ability. After tryouts, there will be a mandatory player-parent meeting that will give the athlete and parent important information about the program and expectations. The first 1½ months of the program are spent in physical development, skill training, and increasing game knowledge for the game of volleyball. Team camps take place in July and help develop player skills and knowledge of the game. During the season, the athletes practice offense and defense for upcoming games and tournaments. During the post season, students will focus upon developing the skills of passing, serving, setting, and defensive work. Students also stretch, lift weights, run, and play games as they continue to develop as individuals and as a team. Athletes are required to pay for shoes, camps, and at times uniforms (when customization takes place).

BUSINESS TECHNOLOGY

399020 Computer Applications 1 (8) 1 semester, ½ Unit

Prerequisites: Keyboarding

CA1 is blocked with Career Orientation. This class is designed to provide students with the fundamental computer skills necessary to do well in high school and needed in virtually all jobs today. In the area of word processing, students will learn the fundamental skills necessary to create and edit the most widely used documents and use the most commonly used features of a word processor, such as bullets, numbered lists, special characters, borders and shading, fonts, and paragraph and line searching. The fundamentals in the use of

scanners, graphics, and Word Art are applied to documents. Internet searching skills and citing Internet sources are stressed with these applied to a simple PowerPoint presentation. In the area of spreadsheets, students will be expected to create and edit spreadsheets, using basic formulas and functions, and create a graph or chart

492500 Computer Applications 2 (9) 1 semester, ½ Unit

Prerequisites: Keyboarding, Computer Applications 1.

This course is blocked with Computer Applications 3.

Computer Applications 2 is a half-unit course designed to provide students with the intermediate computer skills necessary to do well in high school and needed in virtually all jobs today. Students will learn techniques that will allow them to create fairly complex word processing and spreadsheet documents. They will continue their Internet research, applying it to spreadsheets, charts and graphs, and web pages.

492510 Computer Applications 3 (9) 1 semester, ½ Unit

Prerequisites: Keyboarding, Computer Applications 2

This course is blocked with Computer Applications 2.

Computer Applications 3 is a one-semester course designed to provide students with the computer skills necessary to do well in college and needed in most jobs today. Students will learn techniques that will allow them to create simple to intermediate desktop publishing documents; create, access and edit databases; use email efficiently and ethically; create advanced electronic presentations; and create web pages using web-page design software. They will continue their Internet research, applying it to advanced electronic presentations and the web pages they create.

CAREER ORIENTATION

399100 Career Orientation (8) 1 semester, ½ Unit

Career Orientation is blocked with Computer Applications 1

Students in Fayetteville are expected to take this course for one semester in the eighth grade. Career Orientation follows a career education curriculum. This course is required as a hands-on, activity based, career exploration course. It provides eighth grade students the opportunity to explore the world of work in relation to their own interests and abilities.

DRAMA

559100 Drama (9) 1 Year, 1 Unit

This course meets the fine arts credit for high school graduation.

The objective of this introductory course is for students to appreciate and understand the elements of drama and theater while participating in a variety of activities. Learning about theater history, reading and viewing plays, pantomime, improvisation, acting and writing for the theater (monologue, duet, and/or ensemble), learning basic stage movement and techniques, and Reader's Theater are some areas of instruction. Participation is a requirement. Homework will involve reading and analyzing plays, writing dramatic pieces, and practicing and rehearsing performances. There may be field trips included in the curriculum, which involve admission fees. Successful completion of this course establishes a firm foundation of knowledge for Drama II.

ENGLISH

388110 English (8) 1 Year, 1 Unit

Weekly Homework Expectation: 1 hour

Students will continue the writing process with emphasis on revision and development of detailed writing products. They will maintain a selected collection of their writings to show their growth as writers. In addition, they will have opportunities to share their writing with others. Grammar and usage will be taught in the context of the writing process. Students will read and evaluate a variety of literary forms. "Independent reading is a required expectation."

38811P Pre-AP English (8) 1 Year, 1 Unit

Weekly Homework Expectation: 4 hours

Due to the advanced rigor of the course, only school-initiated schedule changes will be considered during the first quarter.

Eighth grade Pre-Advanced Placement English class will provide a strong foundation in reading, writing, speaking, and listening skills as students prepare for the AP program in high school. Depth of study, rather than a "more-is-better" approach, will focus students on a grade-appropriate but challenging language arts study. Reading and writing skills will be stressed, and outside reading and homework will be required components of the student effort. Students will be expected to assume responsibility for all assignments. Please note: This course is not required for Pre-AP English in the ninth grade but it is strongly suggested.

410000 English (9) 1 Year, 1 Unit

Weekly Homework Expectation: 1.5 hours

Students will learn to identify the elements of literature through the study of the novel and drama, with support from short stories, essays, and poetry. They will also learn to analyze literature, develop their writing skills, and build vocabulary through reading and application. Mini-lessons and individual conferences will help students address correct usage, mechanics, and grammar. Outside reading and literature

responses are required. Speaking and listening skills will also be developed.

41000P Pre-AP English (9) 1 Year, 1 Unit

Weekly Homework Expectation: 4 hours

Due to the advanced rigor of the course, only school-initiated schedule changes will be considered during the first quarter.

The Pre-AP Advanced Placement English class will provide students with the experiences and strategies needed in an AP program. Students who take this class are expected to be self-motivated, to complete all assignments, to complete independent and group projects, and to read, write, and think at higher levels. Much of the reading and course work is to be completed outside of class time, and the coursework will be demanding. Placement will be by student choice, but parents and students should consider the above criteria for placement before choosing the class. A signed student/parent commitment is required. This class is not a prerequisite for the Honors Block in 10th grade but is recommended.

ENGLISH AS A SECOND LANGUAGE

Only ESL students whose test scores indicate a lack of fluency in English language are known as English Language Learners (ELL). There are federal and state guidelines regarding the education of ELL students. These students not only speak English as a second language, but tests indicate that their language skills are weak in one or more of the following areas: speaking the language (oral), writing the language, and reading the language. Recommended placement in specific classes to address the individual student needs will be made by the Language Proficiency Assessment Committee.

FAMILY & CONSUMER SCIENCE

399070 Family and Consumer Science (8) 1 Year, 1 Unit

This course is designed to provide students with the basic information and skills needed to function effectively as an individual and as a consumer. Topics covered include the following:

- *Needs and growth patterns of children*
- *Techniques of discipline*
- *Clothing selection*
- *Garment construction*
- *Money management*
- *Nutrition and food selection*
- *Meal planning and preparation*
- *Family and individual health*
- *Principles and elements of design*
- *The computer as a home appliance*
- *Home management Relationships*
- *Arrangement of living space*
- *Use of credit cards and banking services*

The above list will be supplemented through guest speakers, field trips, videos, and hands-on experience. A fee of \$5 is required for consumable materials.

493080 Family and Consumer Science (9) 1 Year, 1 Unit

See eighth grade course description above.

If a student has taken this course in the 8th grade, placement in the ninth grade course must have principal approval.

HEALTH

480000 Health & Safety (9) 1 semester, ½ Unit

This course satisfies the Health requirement needed for high school graduation.

This course is designed to help students achieve a high level of physical, mental, and social health. Topics covered include total health, stress, relationships, nutrition, physical fitness, drugs, alcohol, tobacco, communicable and non-communicable diseases, consumer health, human sexuality, environmental health, and basic first aid. Emphasis will be on developing a healthy lifestyle that will benefit the student now and in the future.

INDUSTRIAL TECHNOLOGY EDUCATION

Exploring Industrial Tech. Education I (EITE I) (8)

399150 1 semester, ½ Unit; blocked with ITF

Learners are introduced to concepts of Exploring Industrial Technology Education (EITE). Textbook work includes material covering all four curriculum cluster areas: Communication, Construction, Production, and Transportation. Hands-on activities include drafting, rocketry, woodworking, CO2 racecar production, and digital and traditional photography. A fee of \$15 is required for consumable materials.

399010 Information Tech Fundamentals (ITF) (8) 1 semester, ½ Unit

1 semester, ½ Unit; blocked with *with EITE I.*

ITF is an introductory course that provides students with a hands-on approach to computer hardware and networking information. Students gain a working knowledge of how computers work as they disassemble and reassemble the machines and are introduced to the basics of networking. This course can lead to further study in related areas in high school, as well as providing valuable information in making wise computer related decisions.

494010 Exploring Industrial Tech. Education I (9) 1 semester, ½ Unit

494020 Exploring Industrial Tech Education II (9) 1 semester, ½ Unit

EITE I is blocked with EITE II. Learners must demonstrate basic 8th grade math and writing skills and have teacher approval. The course is an advanced study of areas covered in EITE I. Cluster areas are more in-depth, including computers, CADD (Computer Aided Drafting and Design), power woodworking tools, automotive concepts, building

trades and other technology areas covered in the first year. A fee of \$15 is required for consumable materials.

JOURNALISM

999131/999130 Yearbook (8, 9) 1 Year, 1 Unit

Yearbook counts as an activity credit. Students can only take one (1) activity class each year for elective credit.

Prerequisite: *Students must complete a Ramay yearbook application packet, essay, and English teacher recommendation.*

Ramay yearbook members work collaboratively as a team to produce a part of Ramay history, *The Indian*, Ramay's yearbook. This class requires students to be highly, self-motivated and be able to multi-task. Students will learn techniques for writing, editing, photography, creating page layouts, and business management. Students must be willing to devote time outside of yearbook classes and the regular school day to attend/document school events and to meet deadlines.

MATH

388310 Math 8 1 Year, 1 Unit

Weekly Homework Expectation: 1 hour

This course will develop the foundation of algebraic understanding for the subsequent formal study of algebra. Students will explore relationships among quantitative variables and use numerical tables, graphs, and symbolic and verbal expressions to describe and predict the patterns of change in variables. Students will work with various representational forms and strategies (including the use of graphing calculators and other technologies) to recognize the patterns of change associated with linear, and quadratic functions and to solve common problems involving these functions. This course applies geometry, probability, statistics, and measurement concepts that develop algebraic reasoning.

430000 Algebra I (9) 1 Year, 1 Unit

Weekly Homework Expectation: 1 hour

Students will develop skills in the language of algebra; the use of properties of equality to solve linear and quadratic equations and inequalities; concepts of functions, relations, and patterns; the use of tables and graphs to represent data, and make predictions; use simple matrices; use and apply linear, quadratic, and exponential functions; and polynomial operations and factoring of polynomials. Graphing calculators and other technologies will be used to develop and apply algebraic concepts to solve mathematical and real world problems.

430008/430009 Honors Algebra I (8, 9) 1 Year, 1 Unit

Weekly Homework Expectation: 6 hours

Prerequisite: recommendation process and completion of a summer packet. Eighth grade students who successfully complete this course will receive high school graduation credit. A "TI" Graphing calculator is required for home use.

This course is designed for students who have demonstrated proficiency in pre-algebra and problem-solving skills. The study of Honors Algebra I requires a high level of motivation to learn, and good organizational skills. Honors Algebra I is a more rigorous approach to concepts in the Algebra I curriculum which includes solving equations, factoring, polynomials, graphing, functions, rational expressions, systems of equations, and the appropriate use of the TI graphing calculator and other technologies.

431008/431009 Honors Geometry (8, 9) 1 Year, 1 Unit

Weekly Homework Expectation: 4 hours

Prerequisite: Honors Algebra I and completion of a summer packet.

Eighth grade students who successfully complete this course will receive high school graduation credit. A "TI" Graphing calculator is required for home use.

This course is designed for students who have successfully completed Honors Algebra I. Students make conjectures based on observations using inductive reasoning. This technique is used to introduce and then reinforce the characteristics and properties of all the basic two- and three-dimensional geometric figures. Honors Geometry is a more rigorous approach to topics in the geometry curriculum. It includes critical thinking, problem solving, parallel and perpendicular lines, radicals, area and volume, and compass and straight edge construction of geometric figures. Graphing calculators and other technologies will be used. Honors Geometry is a prerequisite for Honors Algebra II.

432008/432009 Honors Algebra II (8,9) 1 Year, 1 Unit

Weekly Homework Expectation: 6 hours

Prerequisite: Honors Algebra I, Honors Geometry

Eighth grade students who successfully complete this course will receive high school graduation credit. A "TI" Graphing calculator is required for home use.

This course is designed for students who have been successful in Honors Algebra I. Honors Algebra II is a more rigorous approach to topics in the Algebra II curriculum. This course includes the structure of the real and complex number systems; coordinate geometry; relations and functions; rational and irrational expressions; matrices; linear and quadratic polynomial functions; systems of open sentences; conic sections; logarithms; and linear, quadratic, and absolute value equations and inequalities. Additional topics of matrices, graphing, complex numbers, and linear programming are included. Graphing calculators and other technologies will be used. Students planning to take AP Calculus should take this course to be sufficiently prepared.

This group will have opportunities to compete individually and collectively at different events throughout the year.

451000 9th Grade Band 1 Year, 1 Unit

This course will fulfill the Fine Arts requirement needed for high school graduation.

Students who have achieved the minimum requirements in the 8th Grade Band will be chosen to participate in the 9th Grade Band. The band marches in the fall and performs at football games and parades. The 9th Grade Band performs at various concerts and events throughout the year. Members will have opportunities to compete individually and collectively at different events throughout the year. This group also performs in the winter and spring concerts each year.

388530/452000 Ramay Accents – girls (8, 9) 1 Year, 1 Unit

This course will fulfill the Fine Arts requirement needed for high school graduation if taken in 9th grade.

Students are selected by audition. Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound at an advanced level. The choir will participate in three major concerts, compete at the Junior High Regional Choral Performance Assessment, and audition for the Northwest Arkansas All-Region Choir.

There will be a rental fee of \$35.00 for the use of a choir uniform.

388531/452001 Select Girls' Choir (8, 9) 1 Year, 1 Unit

This course will fulfill the Fine Arts requirement needed for high school graduation if taken in 9th grade.

Students without previous vocal experience will need to audition for placement. Students will develop vocal music skills, work on sight-singing and music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir. Girls in this choir may audition for the Accents/Tempos Choir during the spring to participate beginning the fall semester.

At Ramay, there will be a rental fee of \$35.00 for the use of a choir uniform.

388532/452002 Select Boys' Choir (8, 9) 1 Year, 1 Unit

This course will fulfill the Fine Arts requirement needed for high school graduation if taken in 9th grade.

Students without previous vocal experience will need to audition for placement. Students will develop vocal music skills, work on sight-singing, music theory, and strive to achieve a superior choral sound. The choir will participate in three major concerts, compete at the Junior High Regional Performance Assessment, and have the opportunity to audition for the Northwest Arkansas All-Region Choir.

At Ramay, there will be a rental fee of \$35.00 for the use of a choir uniform.

MUSIC

388540 8th Grade Band 1 Year, 1 Unit

Students who have achieved the minimum requirements in beginning band will be chosen to participate in the 8th Grade Band. The 8th Grade Band performs at various events throughout the year including the winter and spring concerts. Emphasis is placed on developing individual skills while learning to perform in an ensemble setting.

ORAL COMMUNICATION

414000 Oral Communication (9) 1 semester, ½ Unit

This course will fulfill the Oral Communication requirement needed for high school graduation

Effective communication is the objective of this class. Students will learn what communication is and be able to identify the different types of communication. In developing an understanding of communicating, students will write different types of speeches: informative, demonstrative, and persuasive. In preparation for the speeches, students will learn how to research, write, and outline a speech. Oral presentation of each of the required speeches is a key component of this class. Units on debate and group discussion also will be taught. Homework will involve completing the writing and practicing of speeches.

PHYSICAL EDUCATION

Students will learn the basic concepts of physical education and participate in a variety of traditional and adventure activities. Students will be required to participate in the Presidential Challenge, create a personal fitness profile, and set personal fitness goals. University of Arkansas students frequently come to the class and engage students in a variety of recreational activities. Other activities students may participate in are aerobics, yoga, Tae Kwon Do, and weight training.

388810 Boys' Physical Education (8) 1 Year, 1 Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities.

48500M Boys' Physical Education (9) 1 Year, 1 Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities. This course satisfies the P.E. requirement needed for graduation.

485000 Boys' Physical Education (9) 1 semester, ½ Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities. This course satisfies the P.E. requirement needed for graduation.

388811 Girls' Physical Education (8) 1 Year, 1 Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities.

48500W Girls' Physical Education (9) 1 Year, 1 Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities. This course satisfies the P.E. requirement needed for graduation.

485001 Girls' Physical Education (9) 1 semester, ½ Unit

Students will learn the basic concepts of physical education and participate in a variety of fitness and sports activities. This course satisfies the P.E. requirement needed for graduation.

PRE-ENGINEERING

399140 The Science of Technology (8) 1 Year, 1 Unit

The science of technology is an activities-oriented program designed to challenge and engage the natural curiosity and imagination of students. A \$15 fee is required for consumable materials. Taught in conjunction with a rigorous academic curriculum, the program is divided into units including:

- *Design and Modeling - Students use geometry, problem solving, teamwork, and project management skills to design and develop product prototypes.*
- *The Magic of Electrons - Engaged in relevant hands-on projects, students unravel the mystery of digital circuitry.*
- *The Science of Technology - Students apply scientific principles and concepts of simple machines and energy to solve real-world problems.*
- *Automation and Robotics - Students design and build automated systems incorporating the principles of electronics, physics, and robotics to gain an enriched understanding of the contemporary mechanized world.*
- *Flight and Space - Students explore the technology of aeronautics, propulsion, and rocketry through hands-on projects involving math and science.*

495480 Introduction to Engineering Design (9) 1 Year, 1 Unit

Introduction to Engineering Design is a first year experience in pre-engineering. This course requires teacher approval and learners must show a mastery of 8th grade Math and Science. Learners will have the opportunity to take a look into the future of technology and where society is headed. Students use a problem-solving model to improve existing products and invent new ones. They learn how to apply this model to solve problems in and out of the classroom. Using sophisticated three-dimensional modeling software, students communicate the details of the products. Emphasis is placed on analyzing potential solutions and communicating ideas to others. A fee of \$15 is required for consumable materials.

SCIENCE

388210 Science 8 1 Year, 1 Unit

Weekly Homework Expectation: 1 hour

The course provides experiences that help students develop and apply critical thinking skills. These experiences are provided by the use of higher-level divergent questions, laboratory investigations, experiments, problem-solving activities, and research projects. Emphasis is placed on skill and terminology development in order to provide students with basic tools they need to be successful in the science content area. Students will learn how to perform scientific investigations by collecting real data, analyzing, and reporting findings via charts and graphs. Students will study weathering, erosion and soil formation, relative ages of rock, oceans, gravity and the universe, electricity and magnetism, atomic theory, organisms, and genetics.

38821P Pre-AP Science (8) 1 Year, 1 Unit
Weekly Homework Expectation: 1 hour
Due to the advanced rigor of the course, only school -initiated schedule changes will be considered during the first quarter.
Eighth grade Pre-Advanced Placement (AP) Science class will provide students with the experiences, learning strategies, and skills base necessary for advanced or AP science courses in high school. The learning activities focus on skill development through in-depth study of an array of life, physical & earth science topics including scientific investigations, the scientific method, atoms, electricity, magnetism, global warming, oceans, space, weathering, erosion, soils, topographic maps, organisms, evolution, natural selection & genetics.
Each student will be expected to complete all assignments and labs on time, actively participate in all class discussions, fieldtrips and research activities and work cooperatively with other students in problem solving activities. Students must present themselves with a positive attitude and strong work ethic (striving for high achievement). Although not a prerequisite for any other science courses, Pre-AP Science is for those students who need and want a more challenging science curriculum to provide the foundation for advanced science course work.

423000 Physical Science (9) 1 Year, 1 Unit
Weekly Homework Expectation: 1 hour
This course introduces physical laws and chemical processes including laws of force and motion, energy, wave theory, electricity, chemical reactions and bonding, and the foundations of proper lab safety and equipment use. The course focuses on problem solving, skill development and laboratory investigations.

42300P Pre-AP Physical Science (9) 1 Year, 1 Unit
Weekly Homework Expectation: 1 hour
Due to the advanced rigor of the course, only school -initiated schedule changes will be considered during the first quarter. Pre-AP Physical Science is not a prerequisite for any current high school course. Completion of Algebra I is recommended before taking this class.
Pre-AP Physical Science is designed to instruct students seeking rigorous and challenging course content, who are task committed and willing to strive for a higher level of learner outcome. The physics semester is typically taught by one teacher and focuses on energy, waves and motion. Technology is a vital part of this class. PASCO, TI and computer applications are used frequently. Strong math skills are needed. The chemistry semester is taught by a different teacher and focuses on matter, the periodic table, bonding, and reactions. Both semesters are activity/lab based. Higher reading and processing skills are necessary. A signed commitment and safety contract is required.

42000P Pre-AP Biology (9) 1 Year, 1 Unit
Weekly Homework Expectation: 2 hours

Prerequisite: Successful completion of Science 8 and Algebra I. Students and parents will sign a class expectations contract. Students will complete a summer assignment.

Primarily designed for two groups of students, those who plan to take AP Biology in high school and those who wish to take a course offering a greater challenge than regular biology, Pre-AP is a good option for a wide array of students. Students are expected to demonstrate an above average interest in the life sciences and exhibit exemplary behavior in the classroom and laboratory. The course will cover all the Biology I curriculum as well as additional material. Students should be a good reader and have good work ethic. The laboratory experiences are designed to both prepare students for the rigor of the AP Biology labs and provide hands-on inquiry based learning experience.

SUMMER ASSIGNMENT: The assignment will be handed out in May at the junior high schools by the Pre-AP Biology teacher. Transfer students may pick this assignment up in the main office of the respective junior high school. The assignment needs to be turned in one week before the first day of school

FEE: \$10.00 for laboratory consumables

SKILLS CLASSES

388900 Tools for Learning (8) 1 Year, 1 Unit
Prerequisites: Teacher Recommendation
Tools for Learning is a class for students who need assistance with organizational and study skills so that they can better complete and turn in assignments on time and learn how to prepare for tests and quizzes. Additionally, the students will be taught test-taking strategies and techniques, which will aid them in standardized testing situations. The Tools for Learning teacher will help monitor homework assignments and test schedules, as well as students' grades (particularly in core subjects).

591010 AVID (9) 1 Year, 1 Unit
Prerequisites: Recommendation & Application
The Advancement Via Individual Determination (AVID) is an elective class with the overall goal to prepare students with a 2.0-3.5 GPA for four-year college eligibility. This course provides support for the successful completion of pre-AP course(s) through tutorial support, writing instruction, reinforcement of study skills, time management techniques, and motivational activities. AVID students learn to work cooperatively as a support system for each other and form a trusted core of dedicated students to rely upon. Students will gain confidence in their own abilities while learning to assist their peers. A recommendation, application and interview are required. Students must be accepted into the AVID program.

SOCIAL STUDIES

378720/388710 Arkansas History/Social Studies (8) 1 Year, 1 Unit

Weekly Homework Estimate: 1 hour

Social Studies – Social Studies is a survey of topics in World History from the Renaissance to modern-day terrorism; it also addresses core concepts of economics, civics, and geography. Skill development is also a focus of the course.

Arkansas History- This course will present local, and state history, as well as civic/governmental and economic concepts in a chronological manner. Areas of study will be addressed at the local, county and state levels. Students will benefit from a variety of learning techniques which will enhance note-taking, oral presentation, research skills, and analytical abilities through the study of geography of their state, famous citizens, the state's economy, Arkansas' cultural heritage and diversity, and the change and progress of the state over the course of its history.

472000 Civics (9) 1 semester, ½ unit

Civics provides a study of the structure and functions of the United States government, the government of Arkansas, and political institutions. Civics also examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course stresses application, problem-solving, higher-order thinking skills, and the use of classroom performance-based/open-ended assessments with rubrics.

47210P Pre-AP Civics/American Government (9) 1 year, 1 unit

Due to the advanced rigor of the course, only school-initiated schedule changes will be approved during the first quarter.

This course is designed to prepare students for AP U.S. History and other advanced placement courses at the high school level. To do so, this course will place greater emphasis on reading comprehension skills, writing skills, and primary source document analysis.

Civics/American Government provides a study of the structure and functions of the United States government, the government of Arkansas, and political institutions. Civics/American Government examines constitutional principles, the concepts of rights and responsibilities, the role of political parties and interest groups, and the importance of civic participation in the democratic process. This course stresses application, problem-solving, higher-order thinking skills, and the use of classroom performance-based/open-ended assessments with rubrics.

SPECIAL EDUCATION

Assistance programs are available to any student who meets the state and federal regulations for these programs. Such programs may include speech and language therapy, occupational therapy, physical therapy, and/or specialized instruction in the areas of academics and/or emotional areas. Referrals can be made through the Special Education Designee.

COMMUNITY SERVICE LEARNING / STUDENT COUNCIL

399090/496010 Service Learning (8,9) ½ Year, ½ Unit

Students will identify develop an individual or small group project that will serve their local or global community and simultaneously develop personal leadership skills. Examples of service learning projects may include one of the following areas: local/global environmental issues, elder care, preschool care, teenage parents, elementary tutors, etc. In all service projects, students keep a journal of their experiences, do research on current social issues, and have a reflection time to discuss problems and achievements. Students gain an understanding of community service while directing their own learning process. Because class enrollment is limited, prospective students are required to complete an application process and should have at least a C+ grade point average. Exemplary behavior is expected. Conduct resulting in disciplinary action may be grounds for removal from the program. Students in the community service learning class will work closely with school administration and the Ramay Student Council.

Student Council (8, 9)

Ramay Student Council is a group of elected students who meet regularly (usually weekly) after school to help plan activities throughout the year including functions (i.e. dances, pep rallies) and service projects (i.e. fundraisers). Student Council is not a scheduled class and as such, does not count in students' elective choices nor do students receive credit.

WORLD LANGUAGE

Students who are native speakers of Spanish, French, or German should take into account the fact that the University of Arkansas College of Arts and Sciences will not count courses in their home language as their foreign language credit.

358410/649000 Survey of Foreign Languages (8, 9) 1 Year, 1 Unit

This year-long course introduces students to a variety of languages and cultures. Students are provided with basic language skills and vocabulary to help them be successful in their study of a foreign language. The year begins with a history of language and Greek and Latin units where students learn the alphabets, words, and prefixes and suffixes that we use every day in English. During the Spanish, French and German units students learn the alphabet, numbers, basic dialogues, family members and classroom objects. Cultural and geographical aspects of each language are also studied. This course does not fulfill high school honors graduation requirements.

441001/441000 French I (8*, 9) 1 Year, 1 Unit

**To take French I as an 8th grader, the student must have a "B" average (3.0GPA) or better for the 7th grade, with no grade below a "C" and a "B" for both semesters of the 7th grade Language Arts. This course counts as high school credit.*

Note: This course is recommended for students who have grades of “C” or better in English.

French I is a basic introduction to the five skills of language: speaking, listening comprehension, reading, writing, and culture. Students learn elementary grammar skills and vocabulary pertaining to such topics as days of the week; months of the year; numbers; telling time; family; ordering in a café; daily activities; likes and dislikes; descriptions of people, things, and places in a French city; buying clothes; and leisure time activities. Emphasis is placed on the application of all grammar and vocabulary skills to speaking and understanding French, as well as writing well-organized paragraphs in the language. The TPR Storytelling method is used extensively to increase fluency. Grades are based on test performance, written/oral assignments, and daily language acquisition. Twenty minutes of homework per night can be expected.

441010 French II (9) 1 Year, 1 Unit

Prerequisite: French I

Note: This course is recommended for students who have grades of “C” or better in French I.

French II is a continuation of French I with emphasis on the five language skills: speaking, listening comprehension, reading, writing, and culture. Grammar study is more complex, and vocabulary is expanded to include such topics as school, professions, meals, food, shopping, entertainment, sports, health, and house and home. Emphasis continues to be on applying all grammar and vocabulary skills to conversation and to writing well-organized compositions in French. The TPR Storytelling method is employed to continue gains of fluency. Grades are based on test performance, written and oral assignments, and daily language acquisition. An average of 30 minutes of homework per night can be expected.

442001/442000 German I (8*, 9) 1 Year, 1 Unit

** To take German I as an 8th grader, the student must have a “B” average (3.0GPA) or better for the 7th grade, with no grade below a “C” and a “B” for both semesters of the 7th grade Language Arts. This course counts as high school credit.*

In German I, a beginning course, students will learn to communicate accurately in German on a variety of topics. They will be able to ask and answer questions about themselves and their possessions, about friends and family, and about their daily activities and leisure pastimes. They will be able to function in German in a variety of situations such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the German-speaking countries through the use of culturally authentic videos and tapes.

442010 German II (9) 1 Year, 1 Unit

Prerequisite: German I

German II is a continuation of the presentation of the basic grammar of the language and culture not covered in German I. In the classroom listening, speaking, reading, and writing skills are developed with the

emphasis on communicative activities. Students must assume more responsibility for mastery of vocabulary than students taking German I. A minimum of twenty minutes of homework per night is required. Grades are based on test and quiz performance, homework, class participation, projects, and oral interviews. This course is recommended for students who have recorded grades of “C” or better in German I.

35841N/649009 Narrative Spanish (8, 9) 1 Year, 1 Unit

This course does NOT fulfill the world language requirement needed for honors graduation.

This course is designed for those students who want to learn basic conversational Spanish without the emphasis on grammar studies included in Spanish I. This would be suitable for the students who request Spanish as one of their three electives in the 9th grade but who are not ready for regular Spanish I. The class will emphasize the conversational skills that students will need in the workplace, with some attention given to reading, writing, and cultural skills. The class is taught mainly by storytelling with the use of American Sign Language, songs, projects, and job-site simulations. Students will be speaking Spanish (with a limited vocabulary) almost immediately.

440001/440000 Spanish I (8*, 9) 1 Year, 1 Unit

To take Spanish I as an 8th grader, the student must have a “B” average (3.0GPA) or better for the 7th grade, with no grade below a “C” and a “B” for both semesters of the 7th grade Language Arts. This course counts as high school credit.

In Spanish I, students will learn to communicate in Spanish on a variety of topics. They will be able to ask and answer questions about themselves, friends and family, daily activities and pastimes, and possessions. They will be able to accurately express themselves in a variety of situations, such as making introductions, ordering a meal, shopping, socializing with peers, and making plans. To sharpen language skills, class activities will include oral and written practice, individual and group study, and frequent review. Students will learn about the customs and cultures of the Spanish-speaking countries through the use of culturally authentic videos and tapes.

440020 Spanish II (9) 1 Year, 1 Unit

Prerequisite: Spanish I

This course is a continuation of the presentation of the basic grammar and vocabulary of the language begun in Spanish I. Speaking, listening, reading, and writing skills are developed with emphasis on communicating activities. Students are expected to study vocabulary daily, complete written exercises, and prepare oral assignments. There are frequent quizzes as well as chapter tests. Discussion of Hispanic cultures emphasizing Central and South American and the Caribbean will occur throughout the year. This course is recommended for those who made a “C” or higher in Spanish I.

540100 Spanish for Spanish Speakers I (9) 1 Year, 1 Unit

Prerequisite: The student’s first language must be Spanish. Student must score in the 31-80 on HRW placement test.

This course is for the students whose first language is Spanish who need to fine-tune their reading and writing skills. The class will work on proper grammar skills and writing techniques. Reading skills, vocabulary, and spelling will also be improved. This is not a class in conversational Spanish. This class will count as a World Language credit for Fayetteville Schools. Students who are native speakers of Spanish, French, or German should take into account the fact that the University of Arkansas College of Arts and Sciences will not count courses in their home language as their world language credit.

CLASSES FOR STUDENTS WITH SPECIAL NEEDS

The Fayetteville Public School District provides programs for those students who have special educational needs. Placement in these programs is made after assessment and testing determines student need for a specific program. Programs at Ramay that fall into this category are the Special Education Program, the Gifted and Talented Program, the ESL (English as a Second Language) Program, and the academic skill building classes called Tools for Learning. They are listed in this book in the appropriate alphabetical order.

The #1 place for all of the information about your Fayetteville Public Schools:

www.fayar.net



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FEATURED STORY

NEW PHOTOS JAN 6, 2010 - **Happy Hollow Elementary: Excitement Builds along with New School**
Happy Hollow Elementary students had the chance to sign a beam that will be used in the gym of their new school – see the slideshow after the jump.



[REVEAL COMPLETE STORY](#)



Feature Story: FHS Students Honor MLK

Fayetteville High School students honor Dr. King's legacy of service by participating in a project organized by the Arkansas Energy Corps.
> Read more in the Community Feature Story



Curriculum Design Update: Latest Newsletter

Following the audit of the curriculum, FPS embarked on a comprehensive curriculum design planning process. FPS developed the Leading Learning newsletter to provide progress reports on the curriculum design project.
> Read more in the latest Leading Learning newsletter
> Read about the scope of the curriculum design project here



Student Feature: Apprenticeship Program

FHS Apprenticeship program helps students find jobs and achieve career goals. *The Student Feature is updated every Wednesday with an article from the FHS Register newspaper.*
> Read more in the Student Feature Story



Click to View the Latest Entries to Our Blog:

Seminar on Money Management for Parents and Children
Free Family Cooking Class!
Kindergarten Registration for 2011-12 Begins March 31
> Read more on the main blog page



Event Calendar Jan - Feb

[Calendar](#) | [FPS TV Sched.](#) | [FPS TV](#)

JANUARY 27, 2011
School Board Meeting
5 pm, Adams Leadership Center

FEBRUARY 24, 2011
School Board Meeting
5 pm, Adams Leadership Center

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