

# ROSEVILLE AREA MIDDLE SCHOOL REGISTRATION GUIDE 8<sup>TH</sup> GRADE 2016/2017



## WELCOME TO RAMS!

Students in the eighth grade get additional elective choices. It is important that both students and parents/guardians read the material and discuss the options available for students. All students must complete a registration card including an approved signature from parent or guardian. Please feel free to contact the Student Services Department at 651-482-5289 with any questions concerning registration.

El estudiante se esta inscribiendo para las clases del siguiente año en Roseville Area Middle School. Si necesita ayuda para entender el proceso o esta forma, por favor llame a  
**Cecilia Martino: 651-288-5005**

Daim ntawv no yog rau nej cuv nej tus menyuam cov hoob rau lwm xyoo nyob tom Roseville Area Middle School. Yog hais tias nej muaj dab tsi nug, thov nej hu rau  
**Maidar Lee: 651-604-3548**

If you have any questions about filling out these materials and you need a Karen or Burmese interpreter please call:  
**Hsar Htoo: 651-259-6752**

Sincerely,  
Dr. Tyrone Brookins, Principal 651-482-5284  
Dr. Jen Wilson, Associate Principal 651-482-5288  
Rebecca Suttan, Assistant Principal 651-482-5288  
Todd Richter, Counselor 651-482-5289

## RAMS VISION

RAMS is a caring community engaged in critical thinking and purposeful, connected learning. Centered on early adolescents' needs we will provide quality opportunities for personal success in a safe environment that promotes respect, responsibility, diversity, exploration, creativity, and fun.

## REQUIRED COURSES

English	Full Year
Mathematics*	Full Year
Science	Full Year
Social Studies	Full Year
Physical Education	Full Year/Alt. Days
Art	1 Trimester
Family and Consumer Science	1 Trimester
Industrial Technology	1 Trimester
Teen Issues	1 Trimester

## ELECTIVE COURSES

Art Exploration	1 Trimester
Computer Applications	1 Trimester
Computer Science and Coding	1 Trimester
Crime Science Investigations	1 Trimester
Eatery	1 Trimester
Guitar	1 Trimester
Productions/Communications	1 Trimester
Video Production	1 Trimester
World Drumming	1 Trimester
Language* (Arabic, French, Spanish)	Full Year
Art Studies	Full Year/Alt. Days
Choices FACS	Full Year/Alt. Days
Music (Band, Orchestra, Chorus)	Full Year/Alt. Days
Personal Exercise Plan	Full Year/Alt. Days
Technology Exploration	Full Year/Alt. Days

\*Upon successful completion, students will receive two high school credits for each of the following courses: *Intermediate Algebra, Geometry, French, Spanish, Spanish for Spanish Speakers and Arabic.* The grade will not be factored into the high school grade point average.

Roseville Area Middle School utilizes the Advancement Via Individual Determination (AVID) program's skills and strategies in order to use best instructional practices school-wide. As a school, we are focused on preparing students for success in high school and for opportunities after high school. Teachers use WICOR strategies in their classrooms.

- Writing – Cornell note taking
- Inquiry – Questioning Skills
- Collaboration - Teamwork and Community Building
- Organization - Binders and Planners
- Reading – Critical Reading Skills

### REQUIRED FULL YEAR COURSES

#### 8000 ENGLISH 8

This course is the foundation for promoting Advanced Placement (AP) access to more students. It will prepare students for success when they take AP English and other challenging courses. Literature units at the eighth grade level include short story, novel, non-fiction, and poetry. During literature units, students will use various literary terms to develop critical thinking skills while analyzing literature. Students will read one non-fiction memoir as a class, one fiction novel as a class, and at least one novel as part of differentiated literature circle. Students writing skills will be developed and reinforced through developing a thesis, narrative writing, persuasive writing, poetry, journaling and vocabulary development. New for 2016-2017, all students may complete newly developed optional advanced coursework throughout the English 8 course.

#### 8020 SOCIAL STUDIES 8

This course is the foundation for promoting Advance Placement (AP) access to more students. It will prepare students for success when they take AP and other challenging courses. Eighth grade features geography as the "lead discipline" with a strong secondary emphasis on contemporary world history. Content drawn from citizenship and government, and economics, enriches the study of world regional geography, and further develops the interdisciplinary "studies" approach. Students in grade 8 explore the regions of the world using geographic

information from print and electronic sources. They analyze important trends in the modern world such as demographic change, shifting trade patterns, and intensified cultural interactions due to globalization. Students participate in civic discussion on contemporary issues, conduct historical inquiry, and study events over the last half century that have shaped the contemporary world. They analyze connections between revolutions, independence movements and social transformations, and understand reasons for the creation of modern nation states. They learn that governments are based on different political philosophies and serve various purposes. By learning economic principles of trade and the factors that affect economic growth, students understand why there are different standards of living in countries around the world.

#### 8040 EARTH SCIENCE 8

This standards based course is the foundation for promoting Advanced Placement (AP) access to more students. It will prepare students for success when they take AP and other challenging courses. The major units presented are astronomy, geology, meteorology, and basic physical science concepts. Earth Science provides learning experiences which develop precision in measuring and observing, experimenting and understanding of earth science concepts; and acts as a stimulus for curiosity in science and natural phenomena. New for 2016-2017, all students may complete newly developed optional advanced coursework throughout the Science 8 course.

#### MATH 8

RAMS will place students for math according to the district prerequisite courses. (Students who do not receive a grade of C- or higher in an accelerated course may not be placed in the next level).

- Pre-Algebra will move to Algebra 8
- Algebra 7 will move to Intermediate Algebra 8
- Intermediate Algebra 7 will move to Geometry 8

**Students will receive two high school credits for completing Intermediate Algebra 8 and Geometry 8 with a C- or better. These credits will not count in their GPA. Students completing the course with a D+ or below will automatically be registered to retake the class.**

#### 8090 PHYSICAL EDUCATION 8

Physical education meets on an alternating day basis for the year. The curriculum emphasizes an advancement of the skills introduced in seventh grade. The class promotes a healthy and physically fit body. Units offered include soccer, tennis, volleyball, basketball, badminton, Fitness Center (weight training, DDR, Wii, Elliptical, Bikes), archery, softball, and flag football.

### REQUIRED TRIMESTER COURSES

#### 8050 FAMILY AND CONSUMER SCIENCE 8

The FACS 8 curriculum follows the FACS National Standards. In FACS 8 we will focus on safety and sanitation, nutrition, making healthy food choices, evaluating personal food decisions, and simple but healthy meal planning. Students learn basic cooking skills to help them prepare nutritious meals both at school and at home. Technical reading, organization, measuring and direction following are a major part of this course. Students will also relate wise consumer skills to label reading, food advertising and comparison-shopping.

#### 8070 ART 8

In this class students build upon experiences and techniques learned in the seventh grade art program. In addition to more advanced drawing techniques utilizing a range of mediums, students will be producing an acrylic painting on canvas. Students will also have a pottery sculpture experience and will be introduced to the potter's wheel.

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### **8075 TEEN ISSUES 8**

Teen Issues class follows the National Standards for Health Curriculum. The class changes according to the issues that are important to teens for that time. There are nine thematic units covered. They include: becoming a life-long learner, body systems, fitness and nutrition, the cycle of life, social and emotional, disease illness and prevention, safety, injury, and violence prevention, substance abuse prevention, and consumer, community, and environmental health. In 8<sup>th</sup> grade some of these units are explored more in-depth than in 7<sup>th</sup> grade.

### **8110 INDUSTRIAL TECHNOLOGY 8 TRIMESTER CLASS (REQUIRED IF NOT TAKING A LANGUAGE)**

In this class, students learn about various areas of technology. A hands-on, project based STEM approach will be used as curriculum in IT8. Some of the technologies that will be covered include, but are not limited to: space exploration (Rockets), research and design (CO2 cars), architecture (Bride building) and computers (3D modeling/drafting).

### **PHYSICAL EDUCATION/ ELECTIVE COURSES FULL YEAR ALTERNATING DAYS**

### **8051 FACS CHOICES, CHOICES, CHOICES 8 FULL YEAR ALTERNATING DAYS**

Are you becoming more independent? Do you want to get ready for that first part-time job? Are you ready to use your creativity by completing more advanced sewing projects and exploring interior design? Do you like children and want to know more about them as it relates to preschool and child-care programs? Choices is a FACS elective class that meets every other day and explores these topics throughout the year. Sign up and prepare to design your "dream home", manage your money and expenses in a virtual job situation and complete advanced sewing projects.

### **8061 TECHNOLOGY EXPLORATION 8 RESEARCH AND DESIGN FULL-YEAR ALTERNATING DAYS**

This course is a more in-depth look at the technologies introduced in Industrial Technology 7. Students interested in combining the STEM (Science, Technology, Engineering and Math) approach with problem solving and design will love this course. Technology Exploration curriculum allows students a first-hand experience using research and design (R&D) processes and techniques used in architecture, engineering, industry and a host of other fields. Students will strengthen individual skills and develop teamwork competence while learning and working on the curriculum. Class activities may include the egg drop challenge, paper towel test, tension crane, mousetrap vehicle, hockey stick production, hot air balloon and flight, and "Rube Goldberg" design challenge.

### **8071 ART STUDIES 8 FULL YEAR ALTERNATING DAYS**

With emphasis on student choice and interest students will work on a variety of areas not covered in the required trimester long class. For example: design; three dimensional drawing; printmaking using multiple formats; non-objective, representational, and abstract painting; clay experiences with sculptural forms and the potter's wheel; bookmaking; and different areas of jewelry such as metal fabrication with enameling.

### **8082 BAND 8 8084 ORCHESTRA 8 8086 CHORUS 8**

### **FULL YEAR ALTERNATING DAYS**

Students may select one music class from band, orchestra, or chorus. These classes are performance classes and will require attendance at several concerts during the year. Band and orchestra students must have three years' experience on their instrument. Small group pull-out lessons are part of the curriculum for band and orchestra. Chorus students must enjoy singing and demonstrate the ability to match pitch. Students in choir continue work on reading music and sing 3-part music. Students who are enrolled in one of these music classes may participate in extracurricular music groups such as Chamber Orchestra, Jazz Band or Morning Choir.

### **8091 PERSONAL EXERCISE PLAN (PEP) 8 FULL YEAR ALTERNATING DAYS**

Students will be active every day when they register for PEP. Students will have the opportunity to work out in the Fitness Center (weight training, DDR, Wii, Elliptical, exercise bikes). Throughout the course there will be opportunities for students to choose individual or team activities that they would like to participate in for a daily workout. Students will increase strength and cardiovascular levels through a variety of activities. Students will develop their own strength training plan and learn how muscles and bones function together. It is a great class for students who love to be active.

### **TRIMESTER COURSES**

### **8101 ART EXPLORATION 8 TRIMESTER CLASS**

This class will expand upon the mediums and techniques taught in the required art classes offered at RAMS. In addition to such areas as drawing and painting, students will be offered beginning jewelry techniques such as enameling; different sculpture methods; paper making; fibers work using a weaving loom, printmaking techniques; and mixed media painting techniques.

### **8102 COMPUTER APPLICATIONS 8 TRIMESTER CLASS**

In Computer Apps students will learn how to get the most out of various Microsoft Office products. Students will learn about all the ins and outs of Word, PowerPoint, and Excel. Students will be able to choose from several projects in each area. A capstone project will be used to show-off everything in which the students have learned.

### **8104 CSI: CRIME SCIENCE INVESTIGATIONS 8 TRIMESTER CLASS**

Are you a fan of CSI? This course will provide an introduction to the study of forensic science. It will focus on the study of physical evidence found at a crime scene. We will investigate forensic anthropology and the mystery of DNA. Do you like mystery stories?

### **8105 EATERY ELECTIVE 8 TRIMESTER CLASS**

Tired of the same old food? If you enjoy making and eating a variety of different foods, Eatery offers you an opportunity to cook more during the school day! This basic foods course is an extension of FACS 8 and focuses on selecting, preparing and serving foods based on knowledge of Choose My Plate including recipes from the fruit, vegetable, grain, protein and dairy food groups. This class also includes a mini cultural foods unit and we conclude the trimester by creating, preparing, marketing and selling your own snack in the snack shop unit!

### **8106 PRODUCTIONS/COMMUNICATIONS 8 TRIMESTER CLASS**

Did you enjoy using the power tools to create your jewelry box in 7<sup>th</sup> grade? In Productions/Communications we explore advanced wood working techniques and design as students build their own shaker clock. Each student will learn about the different woods and wood-working techniques that are used by professional cabinet and furniture makers in the trades. In addition, students will have a chance to do some wood turning projects and/or graphic design projects. The curriculum always adopts STEM (Science, Technology, Engineering and Math) strategies to facilitate learning.

### **8107 GUITAR - BEGINNING 8 TRIMESTER CLASS**

This is an introductory course to playing the guitar. This class will include group guitar lessons. Students will learn string and chord names, how to hold, strum and play chords with strumming patterns. Students with prior guitar experience are welcome. We will study the history of the guitar and some great guitar legends. Students will also work in the computer lab using Garage Band to learn how to create musical compositions. If you have ever wanted to play the guitar here is your opportunity!

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**8109 VIDEO PRODUCTION 8  
TRIMESTER CLASS**

Do you like YouTube? Would you like to learn how to make your own videos? If so, then this is the class for you. Students will learn how to storyboard and create a video. Students will work in groups and film several short videos. Students will learn to use software to edit their videos using I-Movie. Some of the videos will even be shown on the RAMS Report. For the RAMS Report, students will have jobs in front of the camera and behind the camera as if you were on the studio floor of the local news station.

**8111 WORLD DRUMMING 8  
TRIMESTER CLASS**

This class will give students a chance to learn authentic drumming techniques of West African and Latin cultures. A variety of cultural drumming and rhythmic instruments will be used. The class will focus on technique and ensemble playing. No previous drumming experience is required.

**8112 COMPUTER SCIENCE AND CODING 8  
TRIMESTER CLASS**

This course will focus on learning various computer coding languages and computer science basics that are essential for creating software and using modern technology at an advanced level. This course will give a broader but more basic overview of four themes (programming, security, analytics, and system administration) and lots of basic skills in each.

**FULL YEAR ELECTIVES**

**8010 FRENCH 1 - *Introductory Conversational 8***

Students will learn to speak, read, write, and understand French at an introductory level. The focus is on communicating in everyday situations about topics such as school, shopping, food, family and hobbies. Students will also begin exploring the geography and cultures of the French-speaking world. **Students will receive two high school credits for completing this course with a C- or better. These credits will not count in their GPA. Students completing the course with a D+ or below will have to retake the class to advance to the next level.**

**8014 SPANISH 1 - *Introductory Conversational 8***

Students will learn to speak, read, write, and understand the Spanish language with an emphasis on everyday conversational situations. Many aspects of Latin American and Spanish culture will be studied such as daily life, geography, cultural values and national celebrations. **Students will receive two high school credits for completing this course with a C- or better. These credits will not count in their GPA. Students completing the course with a D+ or below will have to retake the class to advance to the next level.**

**8013 SPANISH FOR SPANISH SPEAKERS 8**

¿Eres Hispanohablante? ¿Quieres aprender más sobre tu idioma, tu cultura, y tus tradiciones? Esta clase es para ti. Aprenderemos, con orgullo, la importancia de nuestra lengua, utilizando selecciones de la literatura, la historia, el arte y la música, con la meta de comunicarnos con destreza. No pierdas la oportunidad de formar parte de esta clase innovadora que ayudará a nuestra comunidad. ¡Inscríbete ya!  
Are you a Spanish speaker? Do you want to learn more about your language, culture and traditions? This class is for you. We will learn, with pride, the importance of our language, using selections from literature, history, art and music with the goal of communicating skillfully. Don't miss out on an opportunity to be part of this innovative class that will help our community. Sign up now! **Students will receive two high school credits for completing this course with a C- or better. These credits will not count in their GPA. Students completing the course with a D+ or below will retake the class to advance to the next level.**

**8015 ARABIC 1 – *Introductory Conversational 8***

In this introduction to the Arabic language and cultures, students expand their knowledge and understanding of their world. Students will read, write, speak, and listen using the Arabic language through thematic units. Topics include family, friends, community, school, and hobbies. Studying Arabic will connect students locally and globally, therefore benefitting future travel, careers, inter-personal relations, and business. **Students will receive two high school credits for completing this**

course with a C- or better. These credits will not count in their GPA. Students completing the course with a D+ or below will have to retake the class to advance to the next level.

**8900 ADVANCEMENT VIA INDIVIDUAL  
DETERMINATION 8**

AVID is a college preparatory elective course for selected students at RAMS. Students/families may go to our website [www.isd623.org/edc/AVID/](http://www.isd623.org/edc/AVID/) to view eligibility requirements and download and complete an AVID application form. You may also contact your student's school counselor for additional information or Tana Bogenholm, RAMS AVID Site Coordinator.