

ROSEVILLE AREA MIDDLE SCHOOL REGISTRATION GUIDE 7TH GRADE 2016/2017



WELCOME TO RAMS!

We are looking forward to welcoming you at RAMS the 2016-2017 school year. It is important that both students and parents/guardians read the registration material and discuss the options available for students. All students must complete a registration card including an approved signature from parent or guardian.

El estudiante se está 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 nov 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
Julie Gabos, 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.

7th Grade Course Requirements

English	Full Year
Social Studies	Full Year
Mathematics *	Full Year
Science	Full Year
Art	Trimester
Family and Consumer Science	Trimester
Health	Trimester
Industrial Technology	Trimester
World Cultures	Trimester
Engineering Your Future	Trimester
Music	Full Year/ Alt. Day
Physical Education	Full Year/ Alt. Day

**Students will receive two high school credits for successfully completing Intermediate Algebra 7. 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

7000 ENGLISH 7

This 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. Literature units at the seventh 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 novel together as a class, one historical fiction novel on their own, and at least two novels as part of differentiated literature circles. Students' writing skills will be developed and reinforced through research essay writing, personal narrative, poetry, journaling and literary response. New for 2016-2017, all students may complete newly developed optional advanced coursework throughout the English 7 course.

7020 SOCIAL STUDIES 7

This 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. Grade 7 features history as the lead discipline with a strong secondary emphasis on citizenship and government. It will also include important economics and geography content. The course will cover this nation's history from 1800 to the current era of globalization. All students will be asked to read and analyze texts in support of Reading Standards for Literacy in Social Studies; they will apply and use their knowledge in a variety of ways and will work more independently; and problem-solve, collaborate, communicate and understand the content of the course at higher levels.

7030 PRE-ALGEBRA 7

This course focuses student learning on Minnesota's grade 7 mathematics standards which are designed to prepare students for mastering linear algebra as an 8th grade student the following year. Within this Pre-Algebra course, there is a specific emphasis on mastering pre-algebraic concepts such as proportional relationships and equations with variables. The mathematics concepts and skills are learned through real-life experiences and applications. Other topics of study include geometry, data analysis, probability and discrete mathematics. Students should sign-up for this course if they typically perform at grade level or below on their elementary report card and/or scored in the "meets" or below grade level standard in math on their MCA/OLPA (649 and below) state testing standards. This is the grade level course.

7032 ALGEBRA 7

This course focuses student learning on a blend between Minnesota's grade 8 and grade 7 mathematics standards which are designed to develop mastery in understanding proportionality and linear algebra. This course is open to all students, however, students who typically earned 3's (Meets) on their elementary report card in math and/or scored in the "Meets or exceeds grade level standard" achievement level on their MCA/OLPA (650 and above) in math have found this course to be a good match for their math skills. This is an accelerated course.

7033 INTERMEDIATE ALGEBRA 7

This course focuses student learning on a blend between Minnesota's grade 8 and high school standards for mathematics. Significant emphasis is placed on developing student understanding of linear functions, as well as moving into understanding systems of equations and quadratic equations. This course is open to all students, however, students who typically earned 4's (Exceeds) on their elementary report card in math and/or scored in the Exceeds

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grade level standard achievement level on their MCA/OLPA (662 and above) in math have found this course to be a good match for their math skills. This is an intensely accelerated course. **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 automatically be registered to retake the class.**

7040 SCIENCE 7

This 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. This standards based course investigates the processes and concepts of the life sciences. Major units of study include: scientific method, measurement, cell structure, genetics, classification, bacteria and viruses, botany, and ecology. The skills of scientific investigation are taught through a series of laboratory experiences. The course utilizes activities, lab investigations, vocabulary review and a required homework component to reinforce processes and concepts. New for 2016-2017, all students may complete newly developed optional advanced coursework throughout the Science 7 course.

TRIMESTER COURSES

7065 ENGINEERING YOUR FUTURE 7

Engineers are mechanics, scientists, social workers, and artists - all rolled into one. It is quite an interesting mix! "Engineering Your Future" is for everyone. We will look into the basics and history of engineering. We will investigate how "Simple Machines" have been used throughout time and how they affect our daily lives. Students will learn about how robots have changed the way in which factories and assembly lines operate. Building on this knowledge, students will build a robotic arm. Students will also learn about medieval siege machines where they will build a trebuchet.

7050 FAMILY AND CONSUMER SCIENCE 7

The FACS 7 curriculum follows the FACS National Standards. We will focus on helping students to see the relevance of what they are doing in school now to their future selves through exploring and understanding how a person's skills, values, talents, personality, and education play a role in career choices. Other topics include an introduction to college readiness, an introduction to understanding and caring for children and several sewing projects.

7060 INDUSTRIAL TECHNOLOGY 7

Students thrive in this class. This course is the corner stone of the Industrial Technology program at RAMS. The curriculum is based on a STEM Science, Technology, Engineering and Math) approach incorporating the mix of disciplines through several challenging and innovative units. Students will develop practical skills while establishing a life-long "safety attitude". Measurement, 3D modeling, T-shirt production and Graphic Design, safe and proper use of common tools, Woodworking, and Digital photography are among the topics that will be explored in this exciting, fast-paced course.

7070 ART 7

In this class students will produce a variety of artwork done in different mediums. Students will be introduced to basic drawing techniques, watercolor painting, hand-built pottery, and printmaking. In addition to these areas, students may have additional art experiences with sculptural forms, basic bookmaking, pastels, collage and other mediums. All projects will incorporate use and knowledge of the elements and principles of art.

7075 WORLD CULTURES 7

Exploring World Languages and Cultures has two roles: to prepare students for the formal study of a World Language; and to teach students respectful ways of responding to cultural difference. The classwork accomplishes these two purposes by teaching the following: the definition of culture; strategies for using oral language and literacy skills to learn a new language; and the connection between the languages we speak and the culture we live in. Many cross-cultural exercises and samplings of 4-5 world languages will be used to help students research a language and culture, which they will present at the end of the trimester.

7095 HEALTH 7

The 7th grade health curriculum follows the National Health Education Standards. There are nine thematic units: becoming a life-long learner, body systems, fitness and nutrition, the cycle of life, social and emotional, disease, illness & prevention, safety, injury and violence prevention, substance abuse prevention, and consumer, community, and environmental health. The curriculum focuses on different life skills, developmental assets and protective factors.

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**PHYSICAL EDUCATION / ELECTIVE COURSES
FULL YEAR
ALTERNATING DAY**

**7080 WORLD OF MUSIC
7082 BAND
7084 ORCHESTRA
7086 7087 7088 CHORUS**

These classes meet on an alternating day basis with physical education for the entire year. **Students must select one music class from the following electives:**

1. **WORLD OF MUSIC** – This is a non-performing class. The class explores past and current musical styles and their importance in history. Students use Garage Band (a music writing program) to create music in the style they are studying in class.
2. **BAND** – students must currently play a woodwind, brass, or percussion instrument.
3. **ORCHESTRA** – students must currently play a string instrument.
4. **CHORUS** – students must enjoy singing and be able to match pitch in their voice range. In 7th grade students may select a Girls Chorus, Boys Chorus, or Mixed Chorus.

Band, Orchestra and Chorus are PERFORMANCE classes where students play/or sing every day, learn to read music, and develop their skills on their instrument or with their voice. Small group pull-out lessons are part of the curriculum for band and orchestra. Two evening concerts at RAMS are a required part of performing in these ensembles. Only 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.

7090 PHYSICAL EDUCATION 7

Physical education meets on an alternating day basis with music for the entire year. This program provides the opportunity for development of physical skills and a positive attitude toward physical fitness. Activities are a balance of team, individual, and dual sports. Units offered include soccer, tennis, volleyball, basketball, badminton, weight training, Fitness Center (weight training, DDR, Wii, Elliptical, and cardio machines).

FULL YEAR ELECTIVE

**7900 ADVANCEMENT VIA INDIVIDUAL
DETERMINATION 7**

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