

8th Grade Engineering

This one-semester class will focus on the design cycle in the creation of electronics and electrical design, large scale trebuchets, sustainable energy, and 21st Century manufacturing technology.

Students will explore the steps in engineering design including technical drawing and appropriate methods of evaluating their work. The safe and appropriate use of tools and machines is stressed throughout the curriculum.

Publications

Picture the possibilities! Do you enjoy designing? This one-semester class will produce our school



yearbook and video yearbook. Students learn about photography, videography, page layout, interviewing, caption writing, and graphic design techniques. In addition, students will design the cover and learn important life skills such as organization, meeting deadlines, and working individually and with a team.



Picture Perfect: Photography & Videography

Lights, camera, action! Do you enjoy photography and videography? In this one-semester class, students will explore and apply design techniques while taking photos, making movies and telling a visual story from writing scripts, to short and fun camera shooting techniques. Students will have hands-on experience with MAC computers, movie and photo editing software, green screen, and digital cameras to produce a variety of projects including the WRMS news.

Leadership and Design

Are you motivated to make your school and community better places for everyone? Learn vital leadership skills and improve our community through service as you work with teams to plan dances, pancake feeds, talent shows, fundraisers and more! The process of design is emphasized along with a social and emotional curriculum that helps students develop their unique talents, strengths, and teamwork skills. 15+ hours of community service are required DURING the semester the class is taken.



Prerequisites: 3.25 GPA and Office signature. **Students taking this one-semester course should be identified GATE students or show strong leadership potential.**

GATE Future Solutions

Get ready to solve the problems of the world using your creativity and imagination. This STEM class combines science, technology, engineering, math and literacy skills to engage students in designing solutions for the future. Students will participate in state and nationwide STEM projects. Fall and Spring semester projects will differ, so students wishing to take both semesters may do so.

Prerequisites: Requires a GATE Teacher or Classroom Teacher Signature. **This one-semester course is designed for GATE students and those students who are highly motivated, accelerated learners that enjoy rigor and challenge.**

“SO”cial ME”dia: Internet & Web 2.0 Tools

In this one-semester, project-based class students will expand their 21st century computer and keyboarding skills by choosing projects and topics that interest them. Students may choose to create websites, movies, WRMS news, newsletters, or other Web 2.0 projects. This class will provide students with knowledge of Web ethics, copyright and fair use, and digital citizenship. Students will apply the design cycle to gather, analyze information, and design their projects. Students will also get hands-on experience with digital forms of engagement including Google Drive and will learn how to create a positive digital footprint while using a wide range of “SO”cial “ME”dia tools.



8th Grade Elective Courses 2019-2020

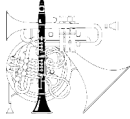


Wood
River
Middle
School

The Arts

Concert Band

This year-long course is available to all students who are interested in pursuing the study of music through the use of a band instrument. This course requires two or three evening performances and a spring festival, as well as practice time.



Concert Choir

This is a one-semester class, but students are encouraged to take both semesters. Students will sing and learn music fundamentals. There will be required evening concerts and at least one out-of-town music festival, as well as various opportunities to perform within the community.



Concert Orchestra

This year-long class is designed for students who have had two years of WRMS Orchestra and who already have good facility on their instruments and some experience performing. Students will read and learn a wide variety of diverse, interesting and challenging music. This class requires two or three evening performances, as well as practice time.



Art and Ceramics

This one-semester class is available for students who did not take Art and Ceramics in the 7th Grade.



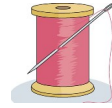
Students will create art projects using a variety of media and materials. Students will explore painting, color mixing and learn illustration skills. Working with clay, students will create hand-built pottery, sculpture and learn various surface decoration

Advanced Art

This one-semester class is open to students who have completed 2 previous Art Courses (i.e. Intro to Art, 7th or 8th Grade Art and Ceramics) in any combination. Students will extend and emphasize their art experience with advanced projects in painting, pottery, sculpture and illustration. Students will also have the opportunity to learn the pottery wheel. Projects will be assigned based on skill level and experience.

Crafts and Textiles

In this one-semester class, students engage in multiple crafts and basic baking skills. The course begins with beginning hand sewing skills which includes making pillows, polar fleece hats, and ugly monsters, softballs and footballs. From there we explore crocheting, which results in the making of hot pads, blankets and hats. The final craft will conclude with basket weaving. In the cooking unit of the class, we will learn about kitchen safety, food borne illnesses, and nutrition as well as basic baking skills. Baking projects will consist of multiple yummy cookie recipes, muffins, breads, and finally pizza.



Drama

In this one-semester class, students will study and incorporate the elements of performing arts such as setting, character, plot and theme. In addition, students will explore acting, set building, and costume design as they bring stories to life in this hands-on, performance-based class.



Academic Elective

Creative Writing

This one-semester course is designed to provide students with opportunities to be inspired by the creative writing process. In this activity-based class, students will explore characterization, setting, imagery, plot and more as they work to create stories. By blending real-life experiences and memories with imagination, students will produce a variety of creative expressions. Through studying, creating, and sharing their pieces, students are sure to gain confidence in their writing abilities. This class is all about imagination, creativity, inspiration, and expression.



Physical Education

PE and Health Education

This one-semester class is a comprehensive program with an emphasis on general adolescent health topics, health related fitness, and team and individual sports. Students are required to have a change of clothes. **This is a required course for all 8th graders.**



Technology

Robotics

This one-semester class provides an in-depth application of the technology cycle to solve engineering based problems. This is a hands-on, lab based class in which students will be applying advanced engineering concepts and principles to robotics. Students in the class will have the option to compete in regional and national VEX Robotics competitions held throughout the state of Idaho. A class robotics competition will be the culminating project for this class.

