



# MIDDLE SCHOOL

## 2024-2025 COURSE CATALOG



## Letter to Parents

*Dear Parents and Guardians,*

*Our middle schools provide academic opportunities for all students. They provide advanced courses, support classes and many elective courses. This is an essential time for students as they begin their journey to adulthood. It is a time to prepare for high school and investigate their interests. Some of our advanced programs and world language courses count toward high school graduation. Our elective classes give students a sample of what is offered at our high school such as Band, Art, and Career Technical Education.*

*All middle school students receive the benefits of interactive technology, document cameras, and access to 1-to-1 laptops which are issued to students for home and school use. This technology has been integrated into the curriculum to prepare students for success in high school and beyond.*

*RCS middle schools provide a safe environment for your child. Our Restorative Justice Conferencing provides a culture of communication, empathy, and self-reflection. It is also an internationally recognized program that reduces bullying by involving students, staff and parents in the conflict resolution process. It looks to the source of the conflict and aims to solve what is causing the problem between the two parties.*

*After school programs such as tutoring, no-fee sports, and clubs are offered to all students. National Junior Honor Society, Student Council and Green (Environmental) Teams are just some of the possibilities. It is essential that your child becomes involved in activities at school. It allows them to build relationships with other students and staff who have similar interests and builds a sense of pride and belonging to the school.*

*If you have questions or concerns please call your school. The staff is available to help you and child have an enjoyable and successful middle school experience.*

Roseville Middle School  
(586) 445-5600 Main office  
(586) 445-5613 Counseling office

Eastland Middle School  
(586) 445-5700 Main office  
(586) 445-5707 Counseling office

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## TESTING INFORMATION

<b><u>GRADE LEVEL</u></b>	<b><u>TESTING PROGRAM</u></b>	<b><u>TESTING PERIOD</u></b>	<b><u>TESTING OVERVIEW</u></b>
6	State Assessment	Spring	This required test measures the attainment of essential performance objectives in the areas of mathematics and English.
7	i-Ready	Fall, Winter, Spring	This is a test to determine the student's need for curriculum and instructional support. This test may determine certain classes that students have in their schedule.
	State Assessment	Spring	This required test measures the attainment of essential performance objectives in the areas of math, English.
8	i-Ready	Fall, Winter, Spring	This is a test to determine the student's need for curriculum and instructional support. This test may determine certain classes that students have in their schedule.
	State Assessment	Spring	This required test measures the attainment of essential performance objectives in the areas of social studies, math, science, and English.
	PSAT	Spring	This required test measures the essential performance objectives in the areas of mathematics and English, providing path for SAT.
	i-Ready	Fall, Winter, Spring	This is a test to determine the student's need for curriculum and instructional support. This test may determine certain classes that students have in their schedule.

## GRADE 6 REQUIRED CLASSES

### 6TH GRADE—SAMPLE SCHEDULE

Hour	1st Semester	2nd Semester
	Advisory	Advisory
1	Language Arts	Language Arts
2	Math	Math
3	Science	Science
4	Social Studies	Social Studies
5	Elective/Support	Elective/Support
6	Elective	Elective

#### Ways to earn high school credit:

- Students must earn two credits of the same World\Foreign Language between grades 6-12 to graduate from high school. One credit of World Language may be substituted with a high school CTE course.
- Students must pass both 7th Grade Advanced Math and Algebra I to meet local and State Graduation Requirements.

## Advisory

Middle school advisories are designed to provide an extra dose of academics to your child in areas where grades and test scores have indicated the need for additional support. All students have a 40 minute advisory to start their day. These advisory classes are in addition to the required class in that subject matter. Students who are below grade level in reading or math will receive one of those supports in their advisory, students who are near or at grade level will receive support in the writing process and vocabulary use, and students in need of an accelerated opportunity will receive it in science. To maximize your child's chance for success in advisory, it is important to make sure they are on time for school each day.

## GRADE 6 REQUIRED CLASSES

### Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9600**

**B Course Number: 9605**

This course uses digital and print material to engage students in various readings of complex texts. Students will develop skills by drawing inferences and conclusions, citing evidence and developing an argument to ensure they are prepared for college and career. Through interactive, digital activities, students will have the opportunity to connect reading, writing, speaking, listening and collaboration skills to become competent communicators in today's world.

or

### Advanced Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9610**

**B Course Number: 9615**

Students must qualify for this class based on test scores. This course will include all of the items described in the Language Arts 6 course description. In addition, this course will move at a faster pace and include additional reading and writing material geared towards higher level thinking. This course contains a variety of projects and presentations.

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### Mathematics

**Length of Course: 2 semesters**

**A Course Number: 1600**

**B Course Number: 1605**

The core math class includes web-enhanced instruction as well as online assignments. This math class will cover areas including Pre-Algebra, problem solving, Geometry, data analysis and probability, fractions and decimals, and ratios and proportionality.

or

### Advanced Mathematics

**Length of Course: 2 semesters**

**A Course Number: 1500**

**B Course Number: 1501**

Students must qualify for this class based on test scores. The advanced sixth grade math class includes web-enhanced instruction as well as online assignments. The material covered will include part of the seventh grade curriculum in addition to the entire 6th grade curriculum. The successful completion of this class allows the student the opportunity to complete 7th Grade Advanced Math and then Algebra I in the 8th grade.

## Social Studies

**Length of Course: 2 semesters**

**A Course Number: 2600**

**B Course Number: 2605**

This social studies course is a study of the Western Hemisphere. Students will acquire an understanding of the geography, history, economy and culture of Canada, Mexico, Central America, the Caribbean and South America.

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## Science

**Length of Course: 2 semesters**

**A Course Number: 4600**

**B Course Number: 4605**

This science course seeks to build a foundation of scientific thought and practice as students learn to use the methods and tools of scientists. A variety of units include physical, earth, and biological sciences.

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## Exploring Careers

**Length of Course: 1 semester**

**Course Number: 5710**

The purpose of this course is to have students begin to assess their interests, skills and experiences as they relate to career choices. Many careers will be presented to students throughout this course including using Xello on-line software. Required to be taken in either 6th, 7th or 8th grade.

## GRADE 6 ELECTIVE CLASSES

### Around The World

**Length of Course: 1 semester**

**Course Number: 2620**

This social studies course will explore destinations all over the world. Students will study the culture and government of their destinations, including the economics, lifestyles, traditions, food, clothes, and transportation. This course may be taken once in either the 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> grade for one semester only.

### Art I, II, III

**Length of Course: 1 semester**

**Students may take both A and B**

**I (A/B)Course Numbers: 66051/61**

**II (A/B)Course Numbers: 67051/61**

**III (A/B)Course Numbers: 68051/61**

Art I: Students will be focusing on drawing and using the elements of art to create their art pieces.

Art II: Students will be working on drawing skills such as shading and creating realistic looking art pieces, drawing from pictures and from real life based on the elements of art, art history and composition. The class will also touch on color theory and techniques in color pencil and watercolor.

Art III: Students will be working on drawing and printmaking projects that are based on the principles of design, elements of art, art history, and composition.

### Beginning Band

**Length of Course: 2 semesters**

**Course Number: 6140**

Beginning Band is for students who are new to band or not yet ready for Intermediate Band. Previous band experience is not required. The class will have an educational emphasis on learning musical notes, rhythm, pitch and proper playing techniques, as well as basic music theory. Students will have an opportunity to perform in an ensemble in a concert setting. Attendance is mandatory at concerts and parades.

### Intermediate Band

**Length of Course: 2 semesters**

**Course Number: 6141**

The Intermediate Band students will work to expand their abilities on their current instruments, with an emphasis on learning a variety of playing techniques, scales, rhythms and more challenging music. Placement is based on approval of the director. Attendance is mandatory at concerts and parades.



## GRADE 6 ELECTIVE CLASSES

### Advanced Band

**Length of Course: 2 semesters**

**Course Number: 6142**

The Advanced Band class is offered to the most experienced instrumental musicians. Students will expand their abilities with more challenging music, scales, rhythms and techniques. Placement is based on approval of the director. Attendance is mandatory at concerts and parades.

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### Choir

**Length of Course: 2 semesters**

**A Course Number: 6610**

**Students must take both semesters**

**B Course Number: 6611**

Sixth grade choir is an introduction to vocal music in an ensemble setting. Students will learn basic vocal techniques, basic music theory and will have an opportunity to perform in an ensemble in a concert setting. Students are required to participate in all performances.

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### Coding

**Length of Course: 1 semester**

**Course Number: 5601**

Coding is the process of creating a set of instructions that tell a computer how to perform a task. Programming can be done using a variety of computer languages and will introduce computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication, problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices. This course may be taken once in either 6th, 7th, or 8th grade for one semester only.

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### Computers and Keyboarding 6

**Length of Course: 1 semester**

**Course Number: 5621**

This class is designed to reinforce keyboarding skills and introduce technology skills related to using Google Docs and Office 365. Students will engage in activities such as Cybersafety, Digital Citizenship, and basic computer functions including, but not limited to, hardware, software, shortcuts and browsers. Troubleshooting techniques will also be practiced throughout the course.

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## GRADE 6 ELECTIVE CLASSES

### The Great Lakes

**Length of Course: 1 semester**

**Course Number: 2615**

This course will include the study of the Great Lakes ecosystem and the historic and economical impact of the region. There will be opportunities for the student to do hands-on activities and mapping. This course may be taken once in either the 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> grade for one semester only.

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### Introduction to French

**Length of Course: 1 semester**

**Course Number: 3615**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of France and other French-speaking areas of the world.

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### Introduction to Spanish

**Length of Course: 1 semester**

**Course Number: 3610**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of Spain and other Spanish-speaking areas of the world.

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### Physical Education

**Length of Course: 1 semester**

**Students may take all courses**

**A Course Number: 8600**

**B Course Number: 8601**

This class will focus on the team sports of mat ball, soccer, and team handball. Each unit will include lead-up skills and cardiovascular fitness activities that relate to each sport. Team goals include proper sportsmanship, self-discipline and cooperative learning. Fitness and conditioning skills are designed to promote a lifelong healthy lifestyle, strength development, fitness achievement, and improved coordination.

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## Project STEAM

**Length of Course: 1 semester**

**Course Number: 4611**

Scientific concepts are investigated through project-related activities that students create, design, and build. The course promotes group learning and positive attitudes towards science and technology.

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## Pre-Vocational Technology

**Length of Course: 1 semester**

**Students may take both courses**

**A Course Number: 7600**

**B Course Number: 7601**

This course is designed to introduce the 6th grade student to the importance of safety, measurement, basic hand tool operations and limited power tool usage. Math and writing concepts are an important part of this course as well as following written and verbal directions. Cooperative learning is a key component in this class. Students will work in a structured classroom setting as well as in the shop area for project building during the hands-on portion. A material fee will be charged for projects above the scope of the original project.

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## Creative Writing

**Length of Course: 1 semester**

**Course Number: 9680**

This course will explore different types of writing. Students will experience persuasive, narrative, informational, journal writing and more. Students will learn how to write for a particular audience of people in all types of writing.

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## On-Line Opportunities

Online course opportunities are available to students in 6th-8th grades. Interested students should contact the building principal for eligibility requirements.

## GRADE 6 SUPPORT CLASSES

### Reading Support

**Length of Course: 1 semester**

**Students may take all courses**

**A Course Number: 96360**

**B Course Number: 96361**

Multiple data points such as standardized and diagnostic assessments are used to determine students' academic needs. Students that are below grade level are provided with instructional strategies that target areas of need such as fluency and comprehension.

Reading Attack is a class that will offer support to students who are achieving below grade level targets. The course will also utilize online individualized instruction in reading and writing. Formative assessments will be completed to inform instructional practice. The program's focus is on developing comprehension, vocabulary, fluency, and writing strategies that will benefit a student in all academic settings.

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### Math Support

**Length of Course: 1 semester**

**Students may take all courses**

**A Course Number: 1823**

**B Course Number: 18231**

This class will focus on web-enhanced individualized instruction of the basic concepts of mathematics. This course will also offer support for core mathematics instruction. The attack class will be offered in addition to the core math class, not in place of it. Students will be placed in this class based on academic need and diagnostic testing. Recommended students may be placed in this class in 6th, 7th and 8 grades.

## GRADE 7 REQUIRED CLASSES

### 7TH GRADE—SAMPLE SCHEDULE

Hour	1st Semester	2nd Semester
	Advisory	Advisory
1	Language Arts	Language Arts
2	Math	Math
3	Science	Science
4	Social Studies	Social Studies
5	Elective/Support	Elective/Support
6	Elective	Elective

#### Ways to earn high school credit:

- Students must earn two credits of the same World\Foreign Language between grades 6-12 to graduate from high school. One credit of World Language may be substituted with a high school CTE course.
- Students must pass both 7th Grade Advanced Math and Algebra I to meet local and State Graduation Requirements.

## Advisory

Middle school advisories are designed to provide an extra dose of academics to your child in areas where grades and test scores have indicated the need for additional support. All students have a 40 minute advisory to start their day. These advisory classes are in addition to the required class in that subject matter. Students who are below grade level in reading or math will receive one of those supports in their advisory, students who are near or at grade level will receive support in the writing process and vocabulary use, and students in need of an accelerated opportunity will receive it in science. To maximize your child's chance for success in advisory, it is important to make sure they are on time for school each day.

## GRADE 7 REQUIRED CLASSES

### Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9700**

**B Course Number: 9705**

This course uses digital and print material to engage students in various readings of complex texts. Students will develop skills of drawing inferences and conclusions, citing evidence and developing an argument to ensure they are prepared for college and a career. Through interactive, digital activities, students will have the opportunity to connect reading, writing, speaking, listening and collaboration skills to become competent communicators in today's world.

or

### Advanced Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9711**

**B Course Number: 9712**

Students must qualify for this class based on test scores. This course will include all of the items described in the Language Arts 7 course description. In addition, this course will move at a faster pace, include additional reading and writing material geared towards higher level thinking. This course contains a variety of projects and presentations.

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### Mathematics

**Length of Course: 2 semesters**

**A Course Number: 1700**

**B Course Number: 1705**

The core math class includes web-enhanced instruction as well as online assignments. The goal of this class is to increase math aptitude while preparing the students for Algebra in the eighth grade. Some of the units of study include, but are not limited to: expressions and equations, ratios and proportionality, integers, Geometry, data analysis & statistics, and probability.

or

### Advanced Mathematics

**Length of Course: 2 semesters**

**A Course Number: 1712**

**B Course Number: 1713**

Students must qualify for this class based on test scores. The advanced seventh grade math class includes web-enhanced instruction, as well as online assignments. This material covers the first half of Algebra I in addition to the seventh grade curriculum. The successful completion of this class allows the student to complete Algebra I in the 8th grade.

## Science

**Length of Course: 2 semesters**

**A Course Number: 4700**

**B Course Number: 4705**

This science course seeks to build a foundation of scientific thought and practice as students learn to use the methods and tools of scientists (ie. scales, beaker, thermometers). A variety of units including matter and energy, cells, plants, classification, and weather will be explored.

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## Social Studies

**Length of Course: 2 semesters**

**A Course Number: 2700**

**B Course Number: 2705**

This social studies course is a study of Europe, Asia and Africa. Students will acquire an understanding of the geography, history, economy and culture of these regions.

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## Exploring Careers

**Length of Course: 1 semester**

**Course Number: 5710**

The purpose of this course is to have students begin to assess their interests, skills and experiences as they relate to career choices. Many career skills will be presented to students throughout this course including using Xello on-line software. Required to be taken in either 6th, 7th or 8th.

## GRADE 7 ELECTIVE CLASSES

### Around The World

**Length of Course: 1 semester**

**Course Number: 2720**

This social studies course will explore destinations all over the world. Students will study the culture and government of their destinations, including the economics, lifestyles, traditions, food, clothes, and transportation. This course may be taken once in either the 6<sup>th</sup>, 7<sup>th</sup> or 8<sup>th</sup> grade for one semester only.

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### Art I, II, III

**Length of Course: 1 semester**

**Students may take both A and B**

**I (A/B)Course Numbers: 66051/61**

**II (A/B)Course Numbers: 67051/61**

**III (A/B)Course Numbers: 68051/61**

Art I: Students will be focusing on drawing and using the elements of art to create their art pieces.

Art II: Students will be working on drawing skills such as shading and creating realistic looking art pieces, drawing from pictures and from real life based on the elements of art, art history and composition. The class will also touch on color theory and techniques in color pencil and watercolor.

Art III: Students will be working on drawing and printmaking projects that are based on the principles of design, elements of art, art history, and composition.

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### 3D Art

**Length of Course: 1 semester**

**Course Number: 6718**

Students will be learning the different styles of 3D art by creating their own version of this art. They will be working in paper mache, origami, clay, wood, abstract, origami wire, plaster, book making, and fiber arts.

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### Beginning Band

**Length of Course: 2 semesters**

**Course Number: 6140**

Beginning Band is for students who are new to band or not yet ready for Intermediate Band. Previous band experience is not required. The class will have an educational emphasis on learning musical notes, rhythm, pitch and proper playing techniques, and basic music theory. Students will have an opportunity to perform in an ensemble in a concert setting. Attendance is mandatory at concerts and parades.



## GRADE 7 ELECTIVE CLASSES

### Intermediate Band

**Length of Course: 2 semesters**

**Course Number: 6141**

The Intermediate Band students will work to expand their abilities on their current instruments, with an emphasis on learning a variety of playing techniques, scales, rhythms, and more challenging music. Placement is based on approval of the director. Attendance is mandatory at concerts and parades.

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### Advanced Band

**Length of Course: 2 semesters**

**Course Number: 6142**

The Advanced Band class is offered to the most experienced instrumental musicians. Students will expand their abilities with more challenging music, scales, rhythms, and techniques. Placement is based on approval of the director. Attendance is mandatory at concerts and parades.

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### Choir

**Length of Course: 2 semesters**

**Students must take all courses**

**A Course Number: 6710**

**B Course Number: 6711**

Choir is open to all boys and girls who have the desire to learn to sing and perform. Students will learn how to read music, use their voices correctly, and rehearse. Students are required to participate in all performances.

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### Coding

**Length of Course: 1 semester**

**Course Number: 5601**

Coding is the process of creating a set of instructions that tell a computer how to perform a task. Programming can be done using a variety of computer languages and will introduce computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication, problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices. This course may be taken once in either 6th, 7th, or 8th grade for one semester only.

## GRADE 7 ELECTIVE CLASSES

### Computers & Keyboarding 7

**Length of Course: 1 semester**

**Course Number: 5721**

This class is designed to reinforce keyboarding skills and will provide a rich learning environment that will include in-class social networking, online and blended learning, screencasting, and interactive websites that offer simulations and tools for cross curricular activities. Different media tools will be introduced to communicate complex ideas effectively and clearly and will be implemented using digital storytelling. Students will also be able to protect themselves as online consumers and use mobile devices in appropriate and effective ways.

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### Current Events

**Length of Course: 1 semester**

**Course Number: 2817**

Students may only take this class once. Current events is a one semester course aimed at better familiarizing students with the world around them. Students will attain and develop a greater comprehension of local, national, and international issues and how those issues directly impact us. Through readings, discussions, and debates, students will learn how to craft well-reasoned opinions grounded by factual information. This course will prepare students to better understand and participate in the democratic society in which they live. This course may be taken once in either 7th or 8th grade for one semester only.

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### Introduction to French

**Length of Course: 1 semester**

**Course Number: 3715**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of France and other French-speaking areas of the world.

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### French I\*

**Length of Course: 2 semesters**

**Students must take both courses**

**A Course Number: 3211**

**B Course Number: 3212**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of France and other French speaking areas of the world. It is highly recommended that students continue with French II within the next year if possible.

## GRADE 7 ELECTIVE CLASSES

### Introduction to Spanish

**Length of Course: 1 semester**

**Course Number: 3710**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of Spain and other Spanish-speaking areas of the world.

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### Spanish I\*

**Length of Course: 2 semesters**

**Students must take both courses**

**A Course Number: 3321**

**B Course Number: 3322**

The basic structure of the language is covered with attention to vocabulary building and pronunciation. Students will also learn about the culture of Spain and other Spanish speaking areas of the world. It is highly recommended that students continue with Spanish II within the next year, if possible.

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### Physical Education

**Length of Course: 1 semester**

**Students must take both courses**

**A Course Number: 8700**

**B Course Number: 8701**

This class will focus on the team sports of flag football, soccer, and team handball. Each unit will include lead-up skills and cardiovascular fitness activities that relate to each sport. Team goals include proper sportsmanship, self-discipline, and cooperative learning. Fitness and conditioning skills are designed to promote a lifelong healthy lifestyle, strength development, and fitness achievement. Assessment will be through observational skill tests that use a scored percentage.

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### Pre-Vocational Exploring Technology

**Length of Course: 1 semester**

**Course Number: 7710**

This course will give the student an opportunity to study a diverse range of technologies and how they relate to “real world” application. The majority of class time will focus on the development of the student’s knowledge of problem solving, using hands-on projects and group activities. Some computer simulation may be used to enhance the student’s comprehension of the subject. A material fee may be charged for elective take-home projects. This course may be taken once in either the 7th or 8th grade for one semester only.

\*Students must earn two credits of the same World/Foreign Language between grades 6-12 to graduate from high school. One credit of World Language may be substituted with a high school CTE course.

## Pre-Vocational Woodshop

**Length of Course: 1 semester**

**Students may take both courses**

**A Course Number: 7700**

**B Course Number: 7701**

Woodshop includes project design planning and basic hand tool skills, along with tool and wood identification, finishing, use of fasteners, shop safety, and clean-up. Math concepts, such as measuring, will be explained and implemented through written and project activities. The ability to read, verbalize, write, and comprehend a plan of procedure will be emphasized. Many useful projects are built during the semester. During the second semester, a variety of projects will be available. A material fee will be charged for take-home projects.

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## Intro to Robotics

**Length of Course: 1 semester**

**Course Number: 5501**

In this course, students will develop an understanding of design, prototyping, and team problem solving. Students will participate in a series of project builds to compete in challenges against rival teams. Students will utilize engineering kits, 3D printing, and coding during this introductory course. Students develop skills in critical thinking, communicating, collaboration, and creativity. This course may be taken once in either 7th or 8th grade for one semester only.

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## Remotely Operated Vehicles

**Length of Course: 1 semester**

**Course Number: 5502**

This course will focus on the Engineering Design Process and collaboration in the production of Remotely Operated Vehicles. Students will brainstorm, prototype, and communicate their processes to create their vehicles. This is a student-driven class in which collaboration, communication, critical thinking, and creativity will be developed. This course may be taken once in either 7th or 8th grade for one semester only.

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## Media Applications

**Length of Course: 1 semester**

**Course Number: 5822**

This course may include video announcements, a student newspaper, and a school yearbook. In this class students learn how to broadcast line announcements to the school, publish a student newspaper several times during the school year, and contribute to the school's yearbook. Students will learn the importance of meeting deadlines, working in groups, and being able to work independently. This course may require students to do extra work outside of the classroom. This course may be taken once in either 7th or 8th grade for one semester only.

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## On-Line Opportunities

Online course opportunities are available to students in 6th-8th grades. Interested students should contact the building principal for eligibility requirements.

## GRADE 7 SUPPORT CLASSES

### Reading Support

**Length of Course: 1 semester**

**Students may take all courses**

**A Course Number: 96370**

**B Course Number: 96371**

Multiple data points such as standardized and diagnostic assessments are used to determine students' academic needs. Students that are below grade level are provided with instructional strategies that target areas of need, such as fluency and comprehension.

ELA Attack is a class that will offer support to students who are achieving below grade level targets. The course will also utilize online individualized instruction in reading and writing. Formative assessments will be completed to inform instructional practice. The program's focus is on developing comprehension, vocabulary, fluency, and writing strategies that will benefit a student in all academic settings.

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### Math Support

**Length of Course: 1 semester**

**Students may take all courses**

**A Course Number: 1824**

**B Course Number: 18241**

This class will focus on web-enhanced individualized instruction of the basic concepts of mathematics. This course will also provide support for core mathematics instruction. The attack class will be offered in addition to the core math class, not in place of it. Students will be placed in this class based on academic need and diagnostic testing. Recommended students may be placed in this class in 6th, 7th and 8th grades.

## GRADE 8 REQUIRED CLASSES

8TH GRADE—SAMPLE SCHEDULE		
Hour	1st Semester	2nd Semester
	Advisory	Advisory
1	Language Arts	Language Arts
2	Algebra I	Algebra I
3	Science	Science
4	American History	American History
5	Elective/Support	Elective/Support
6	Elective	Elective

### Ways to earn high school credit:

- Students must earn two credits of the same World\Foreign Language between grades 6-12 to graduate from high school. One credit of World Language may be substituted with a high school CTE course.
- Students must pass both 7th Grade Advanced Math and Algebra I to meet local and State Graduation Requirements.

## Advisory

Middle school advisories are designed to provide an extra dose of academics to your child in areas where grades and test scores have indicated the need for additional support. All students have a 40 minute advisory to start their day. These advisory classes are in addition to the required class in that subject matter. Students who are below grade level in reading or math will receive one of those supports in their advisory, students who are near or at grade level will receive support in the writing process and vocabulary use, and students in need of an accelerated opportunity will receive it in science. To maximize your child's chance for success in advisory, it is important to make sure they are on time for school each day.

## GRADE 8 REQUIRED CLASSES

### Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9800**

**B Course Number: 9805**

This course uses digital and print material to engage students in various readings of complex texts. Students will develop skills of drawing inferences and conclusions, citing evidence and developing an argument to ensure they are prepared for college and career. Through interactive, digital activities, students will have the opportunity to connect reading, writing, speaking, listening, and collaboration skills to become competent communicators in today's world.

or

### Advanced Language Arts

**Length of Course: 2 semesters**

**A Course Number: 9807**

**B Course Number: 9808**

Students must qualify for this class based on test scores. This course will include all of the items described in the Language Arts 8 course description. In addition, this course will move at a faster pace, include additional reading and writing material that is geared towards higher level thinking and autonomy, and contain a variety of projects and presentations that will help students succeed in advanced courses during high school.

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### American History

**Length of Course: 2 semesters**

**A Course Number: 2800**

**B Course Number: 2805**

This course will explore events leading to the formation of the United States. It will trace its development through the Civil War and Reconstruction, and the growth of Big Business. Included in this course is a study of the political, social, cultural, geographic, and economic concepts of this time period.

## 8th Grade Math

**Length of Course: 2 semesters**

**A Course Number: 1800**

**B Course Number: 1805**

The core math class includes a digital component as well as online assignments. This course will cover solving equations, functions, number sense, Geometry, and statistics.

or

## Algebra I

**Length of Course: 2 semesters**

**A Course Number: 1131**

**B Course Number: 1132**

Students who have successfully completed Advanced 7th Grade Mathematics will continue on to Algebra I.

Algebra I contains an in-depth look at evaluating, solving, graphing linear, quadratic, polynomial and exponential functions. The use of technology, including the TI-Nspire graphing calculator, is also incorporated.

Successful completion of the 8th grade Algebra class allows students to take Geometry in the 9th grade. This course fulfills the Algebra I state requirement towards high school graduation.

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## Science

**Length of Course: 2 semesters**

**A Course Number: 4800**

**B Course Number: 4805**

This science course provides instruction in Earth science. It will focus on a study of the following topics: dynamics of Earth (tectonics, volcanoes, earthquakes), the evolution of stars, weather and climate, and oceanography.

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## Exploring Careers

**Length of Course: 1 semester**

**Course Number: 5710**

The purpose of this course is to have students begin to assess their interests, skills and experiences as they relate to career choices. Many careers will be presented to students throughout this course including using Xello on-line software. Required to be taken in either 6th, 7th or 8th grade.



## GRADE 8 ELECTIVE CLASSES

### Art I, II, III

**Length of Course: 1 semester**

**Students may take both A and B**

**I (A/B)Course Numbers: 66051/61**

**II (A/B)Course Numbers: 67051/61**

**III (A/B)Course Numbers: 68051/61**

Art I: Students will be focusing on drawing and using the elements of art to create their art pieces.

Art II: Students will be working on drawing skills such as shading and creating realistic looking art pieces, drawing from pictures and from real life based on the elements of art, art history and composition. The class will also touch on color theory and techniques in color pencil and watercolor.

Art III: Students will be working on drawing and printmaking projects that are based on the principles of design, elements of art, art history, and composition.

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### 3-D Art

**Length of Course: 1 semester**

**Course Number: 6818**

Students will be creating 3-dimensional art pieces such as paper mache, ceramics, origami, wood abstract, book making, plaster, and fiber arts using the principles, elements of art, art history and composition.

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### Beginning Band

**Length of Course: 2 semesters**

**Course Number: 6140**

Beginning Band is for students who are new to band or not yet ready for Intermediate Band. Previous band experience is not required. The class will have an educational emphasis on learning musical notes, rhythm, pitch and proper playing techniques and basic music theory. Students will have an opportunity to perform in an ensemble in a concert setting. Attendance is mandatory at concerts and parades.

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### Intermediate Band

**Length of Course: 2 semesters**

**Course Number: 6141**

The Intermediate Band students will work to expand their abilities on their current instruments, with an emphasis on learning a variety of playing techniques, scales, rhythms and more challenging music. Placement is based on approval of the director. Attendance is mandatory at concerts and parades.

## Advanced Band

**Length of Course: 2 semesters**

**Course Number: 6142**

The Advanced Band class is offered to the most experienced instrumental musicians. Students will expand their abilities with more challenging music, scales, rhythms and techniques. Placement is based on approval of the director. Attendance at concerts and parades is mandatory.

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## Choir

**Length of Course: 2 semesters**

**A Course Number: 6810**

**B Course Number: 6811**

Choir is open to all boys and girls who have the desire to learn to sing and perform. Students will learn how to read music, use their voices correctly, and rehearse. Students are required to participate in all performances.

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## Physical Education

**Length of Course: 1 semester**

**A Course Number: 8800**

**Students may take both courses**

**B Course Number: 8801**

This class will focus on the team sports of flag football, soccer, and team handball. Each unit will include lead-up skills and cardiovascular fitness activities that relate to each sport. Team goals include proper sportsmanship, self-discipline and cooperative learning. Fitness and conditioning skills are designed to promote a lifelong healthy lifestyle, strength development, and fitness achievement. Assessment will be through observational skill tests that use a scored percentage. It will also include advanced teaching of skills not yet covered in the seventh grade. Likewise, if a skill has not yet been mastered, it will be reviewed as well. Accommodations will also be made based on increases of strength, endurance, intensity, and training sessions.

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## Current Events

**Length of Course: 1 semester**

**Course Number: 2816**

Students may only take this class once. Current events is a one semester course aimed at better familiarizing students with the world around them. Students will attain and develop a greater comprehension of local, national, and international issues, and how those issues directly impact us. Through readings, discussions, and debates, students will learn how to craft well-reasoned opinions grounded by factual information. This course will prepare students to better understand and participate in the democratic society in which they live. This course may be taken once in either 7th or 8th grade for one semester only.

## Around the World

**Length of Course: 1 semester**

**Course Number: 2820**

This social studies course will explore destinations all over the world. Students will study the culture and government of their destinations, including the economics, lifestyles, traditions, food, clothes, and transportation. This course may be taken once in either the 6th, 7th or 8th grade for one semester only.

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## Intro to Robotics

**Length of Course: 1 semester**

**Course Number: 5501**

In this course, students will develop an understanding of design, prototyping, and team problem solving. Students will participate in a series of project builds to compete in challenges against rival teams. Students will utilize engineering kits, 3D printing, and coding during this introductory course. Students develop skills in critical thinking, communicating, collaboration, and creativity. This course may be taken once in either 7th or 8th grade for one semester only.

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## Remotely Operated Vehicles

**Length of Course: 1 semester**

**Course Number: 5502**

This course will focus on the Engineering Design Process and collaboration in the production of Remotely Operated Vehicles. Students will brainstorm, prototype, and communicate their processes to create their vehicles. This is a student-driven class in which collaboration, communication, critical thinking, and creativity will be developed. This course may be taken once in either 7th or 8th grade for one semester only.

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## Coding

**Length of Course: 1 semester**

**Course Number: 5601**

Coding is the process of creating a set of instructions that tell a computer how to perform a task. Programming can be done using a variety of computer languages and will introduce computer science by covering topics such as programming, physical computing, HTML/CSS, and data. Students engage with computer science as a medium for creativity, communication, problem solving, and fun. The course inspires students as they build their own websites, apps, games, and physical computing devices. This class may be taken once in either 6th, 7th, or 8th grade for one semester only.

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# Computers & Keyboarding 8

**Length of Course: 1 semester**

**Course Number: 5821**

This class is designed to reinforce keyboarding skills and will provide a rich learning environment that will include in-class social networking, online and blended learning, screencasting, and interactive websites that offer simulations and tools for cross-curricular activities. Different media tools will be introduced to communicate complex ideas effectively and clearly, and will be implemented using digital storytelling. Students will also be able to protect themselves as online consumers and use mobile devices in appropriate and effective ways.

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## French I\*

**Length of Course: 2 semesters**

**Students must take both courses**

**A Course Number: 3211**

**B Course Number: 3212**

French I explores the French language. The student will perform basic speaking and listening skills, and will be exposed to the cultures, customs and geography of the countries where these languages are spoken. Students must pass the final examination to receive high school credit.

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## French II\*

**Length of Course: 2 semesters**

**Prerequisite: French I**

**Students must take both courses**

**A Course Number: 3213**

**B Course Number: 3214**

Students continue their study of the French language and culture with a thorough review of French I. The four skills of speaking, writing, listening, and reading continue as students learn many more verbs and grammatical concepts. Students will greatly increase their vocabulary in this class as they learn more about the French speaking world. (Students will be doing an in-depth study of Paris, France.) Students must pass the final examination to receive high school credit.

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## Spanish I\*

**Length of Course: 2 semesters**

**Students must take both courses**

**A Course Number: 3321**

**B Course Number: 3322**

Spanish I explores the Spanish language. The student will perform basic speaking and listening skills and will be exposed to the cultures, customs and geography of the countries where these languages are spoken. Students must pass the final examination to receive high school credit.

\*Students must earn two credits of the same World/Foreign Language between grades 6-12 to graduate from high school.

## Spanish II\*

**Length of Course: 2 semesters**

**Prerequisite: Spanish I**

**Students must take both courses**

**A Course Number: 3323**

**B Course Number: 3324**

Students continue their study of the Spanish language and culture with a thorough review of Spanish I. The four skills of speaking, writing, listening, and reading continue as students learn many more verbs and grammatical concepts. Students will greatly increase their vocabulary in this class as they learn more about the Spanish speaking world.

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## Pre-Vocational Exploring Technology

**Length of Course: 1 semester**

**Course Number: 7810**

This course will give the student an opportunity to study a diverse range of technologies and how they relate to “real world” application. The majority of class time will focus on the development of the student’s knowledge of problem solving, using hands-on projects and group activities. Some computer simulation may be used to enhance the student’s comprehension of the subject. A materials fee may be charged for elective take-home projects. This course may be taken once in either the 7<sup>th</sup> or 8<sup>th</sup> grade for one semester only.

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## Pre-Vocational Woodshop

**Length of Course: 1 semester**

**Students may take both courses**

**A Course Number: 7800**

**B Course Number: 7801**

Woodshop includes project design planning and basic hand tool skills, along with tool and wood identification, finishing, use of fasteners, shop safety, and clean-up. Math concepts, such as measuring, will be explained and implemented through written and project activities. The ability to read, verbalize, write and comprehend a plan of procedure will be emphasized. Many useful projects are built during the semester. During the second semester, a variety of projects will be available. A materials fee will be charged for projects above the scope of the original project.

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## Media Applications

**Length of Course: 1 semester**

**Course Number: 5822**

This course may include video announcements, a student newspaper, and a school yearbook. In this class students learn how to broadcast line announcements to the school, publish a student newspaper several times during the school year, and contribute to the school’s yearbook. Students will learn the importance of meeting deadlines, working in groups, and being able to work independently. This course may require students to do extra work outside of the classroom. This course may be taken once in either 7<sup>th</sup> or 8<sup>th</sup> grade for one semester only.

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## On-Line Opportunities

Online course opportunities are available to students in 6<sup>th</sup>-8<sup>th</sup> grades. Interested students should contact the building principal for eligibility requirements.

## GRADE 8 SUPPORT CLASSES

### Reading Support

**Length of Course: 1 semester**  
**Students may take all courses**

**A Course Number: 96380**  
**B Course Number: 96381**

Multiple data points such as standardized and diagnostic assessments are used to determine students' academic needs. Students that are below grade level are provided with instructional strategies that target areas of need, such as fluency and comprehension.

Reading Attack is a class that will offer support to students who are achieving below grade level targets. The course will also utilize online individualized instruction in reading and writing. Formative assessments will be completed to inform instructional practice. The program's focus is on developing comprehension, vocabulary, fluency, and writing strategies that will benefit a student in all academic settings.

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### Math Support

**Length of Course: 1 semester**  
**Students may take all courses**

**A Course Number: 1826**  
**B Course Number: 18261**

This class will focus on web-enhanced individualized instruction of the basic concepts of mathematics. This course will also offer support for core mathematics instruction. The attack class will be offered in addition to the core math class, not in place of it. Students will be placed in this class based on academic need and diagnostic testing. Recommended students may be placed in this class in 6th, 7th and 8th grades.

# **ROSEVILLE COMMUNITY SCHOOLS NON-DISCRIMINATION POLICY**

## **Statement of Policy**

It is the policy of the Roseville Community School District that no discriminatory practices based on gender/sex, race, religion, color, age, national origin, disability, height, weight, or any other status covered by federal, state or local law be allowed in providing instructional opportunities, programs, services, job placement assistance, employment or in policies governing student conduct and attendance. Any person suspecting a discriminatory practice should contact the Civil Rights Coordinator at Roseville Community School District, Administration Building, 18975 Church St., Roseville, MI 48066 or call 586-445-5513.

Grievances will be handled under the procedures set forth in Policy GAAD.

## **Grievance Procedure**

Section 1: Any person believing that the Roseville Community School District, or any part of the school organization, has discriminated on the basis of race, color, national origin, gender/sex, age, disability, height, weight or marital status, may file a grievance with:

Civil Rights Coordinator  
Administration Building  
18975 Church Street  
Roseville, Michigan 48066  
586-445-5513

Grievance forms are available from any building principal or from the Administration Building.

Section 2: All grievances will be processed through the following steps:

- A. A written statement of the grievance, using the district's grievance form, shall be submitted to the Civil Rights Coordinator.
- B. Upon receipt of the completed grievance form, the Coordinator will conduct an investigation and notify grievant of the results, including any remedial measures. Normally, the investigation will be concluded within (30) thirty school days.
- C. Within (10) ten school days, the grievant may appeal, in writing, to the Superintendent of Schools, who will make a written decision, normally within (30) school days.

The complete grievance procedure is found in Roseville Community School Board Policy GAAD, which can be obtained from the Coordinator.



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