



Shakopee
PUBLIC SCHOOLS
EDUCATION FORWARD

MIDDLE SCHOOL
REGISTRATION GUIDE





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PUBLIC SCHOOLS
EDUCATION FORWARD

MIDDLE SCHOOL REGISTRATION GUIDE

East Middle School
West Middle School





MESSAGE TO STUDENTS & PARENTS

To Students and Parents of East and West Middle Schools:

This course registration guide is one tool for you to use as you plan for the upcoming school year. In addition to the course descriptions offered here, your counselors, teachers and parents will have much guidance for you during this important process.

As you begin this process, you should be focusing on two questions:

- What are the courses that I need to take in order to assure that I continue to make progress toward fulfilling the school district's graduation requirements?*
- What are the courses that I should take in order to best prepare for my future?*

In grades 6-8, students begin their transition from the elementary model of education, where the student has a primary teacher they meet with most of the day, to the secondary model, where students generally have a different teacher each of their classes.

In 6th grade, students' schedules are mostly set, but there are opportunities to join band and/or choir, music production, and (for those who meet the qualifying criteria) Accelerated Reading/Language Arts and/or Pre-Algebra (accelerated math) or Algebra (twice accelerated math).

During 7th and 8th grade, students are offered greater choice to begin exploring other areas of interest through elective classes. These opportunities place great responsibilities on both parents and students to plan wisely. Carefully read the information in the next few pages and browse through the course offerings. Before registration, decide on a schedule of courses for your middle school year. Serious thought about an overall plan will provide a sense of purpose and direction. Therefore, it is important that course selections for next year are made very carefully. We will tally all course selections and make critical decisions regarding staffing, room use and dollar allocation. Once those decisions are made, it will be very difficult to change course selections.

If you have questions regarding registration processes or a specific class, please contact your student's advisor or counselor. Thank you for planning wisely for your future!

We are here to assist you; please contact us with any questions.

Contact Information

East Middle School

Principal | Jim Miklausich

Asst. Principal | Matt Headrick

Dean | Tanya Sturm

Counselor | Joan Hunstiger (Last names A-L)

Counselor | Megan Morinville (Last names M-Z)

***Call the office to get in touch with a counselor*

Phone | (952) 496-5702

West Middle School

Principal | Lori Link

Asst. Principal | Paul Nettesheim

Dean | Gwynne Chase

Counselor | Erin Richter (Last names A-L)

Counselor | Amy Spaeth (Last names M-Z)

***Call the office to get in touch with a counselor*

Phone | (952) 496-5752



6TH GRADE COURSE REQUIREMENTS

The school year is divided into two semesters, each with 2 quarters.

In sixth grade students are required to take year-long courses in Language Arts, Reading, Mathematics, Science, and Social Studies. Students will also take a year-long Physical Education course that alternates with either Band, Choir, or Music Production. In addition to these year-long courses, students will take a one quarter Health class and three, one-quarter Academy Gateway Courses.

Students may take:

- Band every-other-day opposite of PE.*
- Choir every-other-day opposite of PE.*
- Band and Choir every-other-day (The second music class will replace either PE or 2 Gateway courses).*
- Music Production every-other-day opposite of PE.*

NOTE | In some situations, based on academic need, a student may be limited to one music course and another academic support class.

GRADE 6				
1	Language Arts (full year)			
2	Social Studies (full year)			
3	Mathematics (full year)			
4	Science (full year)			
5	Reading (full year)			
6	Academy Gateway Courses (one quarter each)			Health (quarter)
	Arts & Communication	Human Services	Science & Technology	
7	Band, Choir, or Music Production (every other day)			
	Physical Education or second Band/Choir course (every other day)			

7TH GRADE COURSE REQUIREMENTS

In seventh grade students are required to take year-long courses in English, Mathematics, Science, and Social Studies. Students will take one quarter of Health and three one-quarter Academy Gateway courses. Students NOT in Band or Choir will take a one-semester Physical Education class and have their choice of three one-semester elective classes. Students electing to take band or choir will take a year-long physical education course that will alternate with Band or Choir.

NON ALTERNATING PATHWAY

GRADE 7				
1	English (full year)			
2	Social Studies (full year)			
3	Mathematics (full year)			
4	Science (full year)			
5	Academy Gateway Courses (one quarter each)			Health (quarter)
	Business & Entrepreneurship	Engineering & Manufacturing	Health Sciences	
6	Elective (semester)		Elective (semester)	
7	Physical Ed. (semester)		Elective (semester)	

OR

ALTERNATING PATHWAY

GRADE 7				
1	English (full year)			
2	Social Studies (full year)			
3	Mathematics (full year)			
4	Science (full year)			
5	Academy Gateway Courses (one quarter each)			Health (quarter)
	Business & Entrepreneurship	Engineering & Manufacturing	Health Sciences	
6	Elective (semester)		Elective (semester)	
7	Alternating Elective 1 (every other day)			
	Alternating Elective 2 (every other day)			

NOTE | Students taking Band AND Choir will have 1 semester of physical education during an elective period.

8TH GRADE COURSE REQUIREMENTS

In eighth grade, students are required to take year-long courses in English, Mathematics, Science, and Social Studies, semester-long courses in Physical Education and several electives courses. Students electing to take Band or Choir will have a year-long alternating Physical Education and Band/Choir class.

NON ALTERNATING PATHWAY

OR

ALTERNATING PATHWAY

GRADE 8		
1	English (full year)	
2	Social Studies (full year)	
3	Mathematics (full year)	
4	Science (full year)	
5	Elective (semester)	Elective (semester)
6	Elective (semester)	Elective (semester)
7	Physical Ed. (semester)	Elective (semester)

GRADE 8		
1	English (full year)	
2	Social Studies (full year)	
3	Mathematics (full year)	
4	Science (full year)	
5	Elective (semester)	Elective (semester)
6	Elective (semester)	Elective (semester)
7	Alternating Elective 1 (every other day)	
	Alternating Elective 2 (every other day)	

NOTE | Students taking Band AND Choir will have physical education during an elective period for a semester.

The Saber Online Experience



Differentiated approaches for various grade levels & student journeys

The Saber Online Program provides opportunities for students in grades K-8 and both full-time and part time online opportunities for those in grades 9-12 starting in the 2022/23 school year.

Saber Online will follow the Shakopee Public Schools annual calendar. Attendance will be taken daily and all students are expected to attend each period daily.

Registration Now Open Grades 6-8

Please visit [Shakopee.k12.mn.us/SaberOnline](https://shakopee.k12.mn.us/SaberOnline) to learn more and complete a registration request

- ▶ Highly-Qualified Shakopee Teachers
- ▶ Services available for unique learners such as English Learners, Special Education*, 504's and other intervention needs
- ▶ Access to elective offerings such as the Arts, Technology Education, and Health & Wellness
- ▶ Various opportunities to intentionally build social-emotional skills and relationships with peers and teachers
- ▶ Daily live instruction, interaction and targeted assistance through whole groups, small group and individual check-ins
- ▶ A "home base" school within the district for direct engagement
- ▶ Family/caregiver access to a social worker, counselor, equity specialist, cultural liaison and administrator to address any student needs.
- ▶ Student access to all necessary materials digitally through Saber Online provided devices (i.e. iPad or laptop). Printed and hands-on materials will be distributed to students and families on a regular basis.

**The ability to thrive in a one-of-a-kind environment
that inspires students to succeed well into the future!**

*Special Education students whose IEP goals require center-based programs will receive those services at school. Those services are not available online

SABER ▶ ONLINE



ADVANCED COURSES INFORMATION

The Shakopee School District offers a variety of advanced courses intended to provide appropriate challenge for students who demonstrate need for a more rigorous curriculum. Students are identified for these courses in the middle levels. Rigorous coursework in high school is the greatest predictor of college completion. Students who are high academic achievers (See identification criteria below) may want to consider the most rigorous coursework available. Parents and students should be aware of some of the courses at our middle schools that provide a high level of rigor:

GRADE	SUBJECT	GENERAL COURSE	ACCELERATED COURSE	TWICE ACCELERATED COURSE
6	Reading & Language Arts	Reading & Language Arts 6	Accelerated Reading & Language Arts 6	
	Mathematics	Math 6	Accelerated Pre-Algebra	Accelerated Algebra 1
	Science	Earth Science 6		
7	English Language Arts	English 7	Accelerated English 7	
	Mathematics	Pre-Algebra	Accelerated Algebra 1	Accelerated Geometry
	Science	Life Science 7	Accelerated Life Science 7	
8	English Language Arts	English 8	Accelerated English 8	
	Mathematics	Algebra 1	Accelerated Geometry	Accelerated Algebra 2
	Science	Earth Science 8	Accelerated Earth Science 8	

Identification

Students are identified for these advanced opportunities on the basis of nationally-normed achievement and aptitude tests. Students who do not meet these criteria but are interested in these types of opportunities may use the appeals process (described on page 8 of this book), however correlating test data is still heavily considered.

- Accelerated Courses | To be identified for Accelerated courses, students' average scores on MAP/FastBridge and MCA data over the previous two years must be at or above the 85th percentile, or other comparable test data.
- Twice-Accelerated Courses | To be identified for Twice-Accelerated courses, students' average scores on MAP/FastBridge and MCA data over the previous two years must be at or above the 95th percentile.

Advanced Courses

Accelerated: The goal of accelerated courses is to provide students the opportunity to engage in above grade-level content and prepare students for college-credit courses. Due to the unique nature of each content area, this will lead to different pathways in each area. Students are identified for accelerated courses based on district-defined criteria.

Identified students will experience the following by each content area:

English: Students will participate in compacted courses that cover multiple grade levels of curriculum and lead to college-credit options during grades 11 and 12.

Mathematics: Students will participate in courses one to two years above their grade level, leading to college-credit options during grades 11 and 12.

Science: Students will participate in middle school courses that combine both middle school and high school content in order to help prepare them for college-credit options in grades 9 - 12.

Social Studies: No accelerated options are offered in middle school, but students do have access to college-credit options in grades 9 – 12.

College Credit Options: There are a variety of ways students can earn college credit while attending Shakopee Schools. The majority of these options become available in 9th grade, although there are exceptions. If you are interested in the eligibility criteria for these options please see your counselor.

APPEALS PROCESS |

Uniform process for Appeals across content areas, except Math

MATH Appeals | Students must test out of the pre-requisite course using an end of course assessment in order to advance.

Appeals in ALL Other Disciplines | If not initially invited into the course by initial identification, the student and parent(s) must...

1. Complete written Appeal Request Form (available from the building administration or counselors)
2. Building Administrator(s) reviews student's file (with the HP Coordinator, as needed), including...
 - Core Data (as described above in Identification)
 - Other Supplementary Data, such as...
 - ✦ Subject-specific scores on standardized tests
 - ✦ Subject-specific grades and GPA (i.e. Math GPA, Science GPA, etc., NOT overall GPA)
 - ✦ Work samples
3. Building Administrator(s) reviews student's file and supplementary data with parents

The Building Administrator will be the final authority on ALL appeals.

EXIT CRITERIA |

Common District Exit Criteria

Methods of Exiting

- **Request by student and/or parent** | When students and/or their parents request to be dropped from an advanced course, the following process must be followed:
 1. The student and/or parent(s) discuss ongoing concerns with teacher as the course progresses.
 2. Teacher makes sure that Parent(s) are included in on discussion of concerns about the student.
 3. In normal circumstances, if a parent requests his/her student be exited from the course, that request will be honored at the end of the current grading period (The student's grade for that grading period will count in the student's GPA.)
- **Recommendation by Teacher** | Process for exit
 1. The teacher begins and maintains an ongoing discussion of concerns with student throughout the course.
 2. The teacher discusses the concerns with Parent/Guardians as soon as appropriate.
 3. The parties agree to a performance contract, signed by student & parent/guardian(s) and shared with the Building Administration.
 4. If the performance contract does not alleviate the concerns, the teacher shares the results with the student's counselor and Building Administration.
- **Student Failure** | If a student fails the course, s/he will be removed from that discipline's advanced course sequence

The Building Administrator will be the final authority on ALL student exits from advanced courses.



REQUIRED COURSES



ENGLISH LANGUAGE ARTS

STUDENT PATHWAYS THROUGH THE ENGLISH CURRICULUM

GRADE	GENERAL	ACCELERATED
6	Reading & Language Arts 6	Accelerated Reading & Language Arts 6
7	English 7	Accelerated English 7
8	English 8	Accelerated English 8

A more detailed and colorized flowchart reflecting the Advanced Course options in English Language Arts is available on the Shakopee High Potential Services website: <http://shakopee.schoolwires.net/Page/493>

6th GRADE ENGLISH LANGUAGE ARTS requirement options

LANGUAGE ARTS 6

Grade: 6
Course Type: Required
Schedule: Full-Year

The sixth grade language arts curriculum consists of various modes of writing. Each language arts class focuses on essays, poetry and reports. Major writing projects include argumentative, descriptive, and informative papers. The language arts class also provides a foundation for writing in other content areas. Grammar, spelling and writing conventions are taught in the context of students’ own reading and writing.

READING 6

Grade: 6
Course Type: Required
Schedule: Full-Year

The sixth grade reading course places an emphasis on the development of reading comprehension skills, interaction with literature, and the development of rich vocabulary. Students are involved in literature circles, reading workshop, read-alouds and independent reading. Reading units are based on reading strategies and are aligned with the MN state standards to prepare students for the Minnesota Comprehensive Assessment. Differentiated instruction is provided through a leveled literature library. The goal is to provide students the necessary skills for success in the classroom and for a lifelong love of reading.

ACCELERATED READING AND LANGUAGE ARTS 6

Grade: 6
Course Type: Required
Schedule: Full-Year (2 Periods)
Eligibility: Placement based on District identification criteria

Accelerated Reading and Language Arts 6 is the first of the Accelerated Language Arts sequence. This course will compact and address critical 6th and 7th grade standards in one year. Accelerated students will work at a rigorous pace with complex texts in a variety of fictional genres, including poetry, biographies & autobiographies, and classic novels. A heavy emphasis will also be placed on the critical analysis of nonfiction texts. Additionally, students will be expected to demonstrate high-level critical thinking of both fiction and nonfiction through writing.

Students in this course do not take Language Arts 6 or Reading 6.

7th GRADE ENGLISH LANGUAGE ARTS

requirement options

ENGLISH 7

Grade:	7
Course Type:	Required
Schedule:	Full-Year

The English 7 course is a comprehensive study of literature, writing, and speaking/listening skills. The student will have the opportunity to learn through group activity as well as individual expression, thus providing experience in self-motivation, problem solving, and group responsibility.

ACCELERATED ENGLISH 7

Grade:	7
Course Type:	Required
Schedule:	Full-Year
Eligibility:	Placement based on District identification criteria

The Accelerated English 7 is the second of the Accelerated Language Arts sequence. This course will compact and address critical 7th and 8th grade standards in one year, reading texts that are considered two years above grade level (9th grade reading level). Accelerated students will work at a rigorous pace with complex texts in a variety of fictional genres, including poetry, narrative nonfiction, short stories and novels. A heavy emphasis will also be placed on the critical analysis of nonfiction texts. Additionally, students will be expected to demonstrate high level critical thinking of both fiction and nonfiction through writing.

The course will emphasize:

- Inquiry, analysis, and interpretation of fiction and nonfiction texts
- In-depth and challenging projects
- Focused approaches to writing
- Verbal communication
- Faster paced deadlines
- Collaborative learning opportunities

8th GRADE ENGLISH LANGUAGE ARTS

requirement options

ENGLISH 8

Grade:	8
Course Type:	Required
Schedule:	Full-Year

The English 8 course is designed to meet the Language Arts core requirement for 8th grade. Literature, grammar, writing, speaking, and listening skills will be studied throughout this course through a variety of fiction and non-fiction texts.

ACCELERATED ENGLISH 8

Grade:	8
Course Type:	Required
Schedule:	Full-Year
Eligibility:	Placement based on District identification criteria

The Accelerated English 8 course is the culminating course of the Accelerated Language Arts sequence. It provides an exciting opportunity for students to develop their own writing voices while reading a variety of complex texts. First semester is structured as a survey of different types of texts and writing, while second semester allows students to delve deeper into that which interests them. The course will develop the critical thinking and analysis skills that are necessary for Advanced Placement classes.

HEALTH & PHYSICAL EDUCATION

6th GRADE HEALTH & PHYSICAL EDUCATION requirement options

HEALTH 6

Grade: 6
Course Type: Required
Schedule: 1 Quarter

Sixth grade health will cover self-identification, mental/emotional health, physical health, and social health. Students will engage in a variety of activities that will reflect their understanding of how these topics impact their daily lives, specifically during middle school. This will lead them to interpreting, advocating for, and improving upon their own personal health and wellness.

PHYSICAL EDUCATION 6

Grade: 6
Course Type: Required
Schedule: Full-Year - Every Other Day

Sixth grade physical education includes fitness concepts for life, plus opportunities to participate in individual and team sports.

7th GRADE HEALTH & PHYSICAL EDUCATION requirement options

HEALTH 7

Grade: 7
Course Type: Required
Schedule: 1 Quarter

Seventh grade health will cover four main categories: decision making, stress and emotions, mental health, and substance use. Students will learn how to make healthy decisions, maintain positive health, and avoid substances. The goal of this course is for students to apply the knowledge to their lives. In order to accomplish this goal, students can expect multiple real life projects and activities to prepare them to make healthy decisions in the future.

PHYSICAL EDUCATION 7

Grade: 7
Course Type: Required
Schedule: 1 Semester or Full-Year - Every Other Day

Students in Physical Education 7 will explore personal fitness through their understanding of the rules and skills of team and individual sports. Heart rate monitors are used to assist students in assessing their own fitness levels. Activities may include, but not be limited to: football, fitness testing, soccer, softball, swimming, basketball, Frisbee, golf, badminton, and the fitness center.

8th GRADE HEALTH & PHYSICAL EDUCATION

requirement options

PHYSICAL EDUCATION 8

Grade: 8
Course Type: Required
Schedule: 1 Semester or Full-Year - Every Other Day

Students in this course will reflect on how their values and choices personally impact the 6 areas of wellness in their lives. The focus of this class is to equip students with good habits and skills to make healthy choices and create a healthy lifestyle. They will explore personal fitness through the use of heart rate monitors during various activities such as, but not limited to, speedball, rollerblading, broom ball, pickle ball, yard games and cross country skiing. Students will gain a variety of skills while participating in activities and learn about goal setting, stress management, relationships and nutrition. Students will also evaluate the risks and consequences associated with age appropriate sexuality including factual information regarding abstinence, adolescent pregnancy, sexually transmitted infections and HIV/AIDS.

MATHEMATICS

STUDENT PATHWAYS THROUGH THE MATHEMATICS CURRICULUM

GRADE	GENERAL	ACCELERATED	TWICE-ACCELERATED
6	Math 6	Accelerated Pre-Algebra	Accelerated Algebra 1
7	Pre-Algebra	Accelerated Algebra 1	Accelerated Geometry
8	Algebra 1	Accelerated Geometry	Accelerated Algebra 2

A more detailed and colorized flowchart reflecting the Advanced Course options in Mathematics is available on the Shakopee High Potential Services website: <http://shakopee.schoolwires.net/Page/493>

6th GRADE MATHEMATICS requirement options

MATH 6

Grade: 6
Course Type: Required
Schedule: Full-Year

Math 6 is the math course taken by most students. The Math 6 curriculum includes key mathematical concepts such as exploring problem solving, decimals, fractions, percents, measurement, probability, ratios, proportions, equations, algebra, integers, coordinating graphs and geometry in two and three dimensions.

PRE-ALGEBRA (ACCELERATED)

Grade: 6
Course Type: Required
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

Pre-Algebra builds on the skills and knowledge taught in Math 6. Students who register for this course will be expected to have above average mathematical knowledge and skill as well as greater motivation, as it is more rigorous and moves at a faster pace.

The Pre-Algebra curriculum includes key mathematical concepts such as exploring problem solving, decimals, statistics, integers, coordinate graphs, factors, fractions, rational numbers, ratios, proportions, percent, polynomials, equations, and geometry in two-and three-dimensions.

ALGEBRA 1 (TWICE ACCELERATED)

Grade: 6
Course Type: Required
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

Algebra I continues to build on the skills and knowledge taught in Pre-Algebra. Students who register for this course will be expected to have even greater mathematical knowledge, skill and motivation, since it is even more rigorous and moves at a faster pace than Pre-Algebra.

Algebra I students will be starting a sequential series of math courses. Algebra I is followed by Geometry, Accelerated Algebra II, Pre-Calculus and Calculus. Algebra I students learn the traditional topics of an Algebra course along with real-world application, meaningful projects and integration of technology.

7th GRADE MATHEMATICS requirement options

PRE-ALGEBRA

Grade:	7
Course Type:	Required
Schedule:	Full-Year

Successful completion of 6th grade Math Pre-Algebra provides the opportunity to explore problem solving, decimals, statistics, integers, coordinate graphs, factors, fractions, rational numbers, ratios, proportions, percent, polynomials, equations, and geometry in two-and three-dimensions.

ALGEBRA 1 (ACCELERATED)

Grade:	7
Course Type:	Required
Eligibility:	Placement based on District identification criteria
Schedule:	Full-Year

7th grade Algebra I students will begin a sequential series of math, followed by Geometry, Algebra II, Pre-Calculus and Calculus. Algebra I students learn the traditional topics of an Algebra course along with real-world application, meaningful projects and integration of technology. Students will be expected to have above average motivation and ability in the class as it is more rigorous and moves at a faster pace. Students may be removed from the class for academic reasons and continued participation in the class will be determined by a student's effort and academic success.

GEOMETRY (TWICE ACCELERATED)

Grade:	7 (these classes will have a mix of twice accelerated 7th graders and accelerated 8th graders)
Credits:	2 Credits - Required - <i>Upon successful completion of the course, the grade and credits will be placed on the student's transcript and will impact their high school grade point average (GPA)</i>
Eligibility:	Placement based on District identification criteria
Schedule:	Full-Year

Geometry students will continue in a sequential series of math, followed by Algebra II, Pre-Calculus and Calculus. Students in Geometry learn the traditional topics of a Geometry course along with real-world applications, meaningful projects, and integration of technology. Students will be expected to have above average motivation and ability in the class as it is more rigorous and moves at a faster pace.

8th GRADE MATHEMATICS
requirement options

ALGEBRA I

Grade: 8
Course Type: Required
Schedule: Full-Year

Students will learn the traditional topics of a Linear Algebra course along with real-world application, meaningful projects and integration of technology.

GEOMETRY (ACCELERATED)

Grade: 8 (these classes will have a mix of twice accelerated 7th graders and accelerated 8th graders)
Credits: 2 Credits - Required - *Upon successful completion of the course, the grade and credits will be placed on the student's transcript and will impact their high school grade point average (GPA)*
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

8th grade Geometry students will continue in a sequential series of math, followed by Algebra II, Pre-Calculus and Calculus. Students in Geometry learn the traditional topics of a Geometry course along with real-world applications, meaningful projects, and integration of technology. Students will be expected to have above average motivation and ability in the class as it is more rigorous and moves at a faster pace.

ACCELERATED ALGEBRA 2
(TWICE ACCELERATED)

Grades: 8 (Students may be bussed to the high school for this course.)
Credits: 2 Credits - Required - *Upon successful completion of the course, the grade and credits will be placed on the student's transcript and will impact their high school grade point average (GPA)*
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

Accelerated Algebra 2 is a one-year course incorporating the main concepts from Algebra 2 and FST to prepare students for Pre-Calculus. Topics covered may include various functions (linear, quadratic, polynomial, exponential, logarithmic, and rational), probability and statistics, sequences and series, and trigonometry.

SCIENCE

STUDENT PATHWAYS THROUGH THE MATHEMATICS CURRICULUM

GRADE	GENERAL	HONORS / ACCELERATED
6	Earth Science	
7	Life Science	Accelerated Life Science
8	Earth Science (Transitions to Physical Science in 2023-24)	Accelerated Earth Science (Transitions to Accelerated Physical Science in 2023-24)

6th GRADE SCIENCE requirement options

EARTH SCIENCE 6

Grade: 6
Course Type: Required
Schedule: Full-Year

Using science and engineering practices, students will explore Earth’s Place in the Universe, Earth Systems, Weather and Climate, and Human Impact and Sustainability on Earth's Systems.

7th GRADE SCIENCE requirement options

LIFE SCIENCE 7

Grade: 7
Course Type: Required
Schedule: Full-Year

In Life Science students solve problems using science and engineering practices. This is demonstrated through experiments and modeling. Students study cells and the function of life, genetics, evolution, how living organisms interact with each other and their environment, and the systems of the human body.

ACCELERATED LIFE SCIENCE 7

Grade: 7
Course Type: Required
Eligibility: Open Enrollment
This course is intended for students who are considering the Advanced Placement (AP) Science Sequence at the High School
Schedule: Full-Year

Accelerated Life Science is a rigorous course that explores the diverse world of living things. Topics covered include cell biology, genetics, evolution, human body systems, and ecology. Emphasis will be on developing science and engineering practices and cross-cutting concepts. This course will cover topics of the regular 7th grade curriculum, while incorporating high school standards.

8th GRADE SCIENCE

requirement options

EARTH SCIENCE 8

Grade: 8
Course Type: Required
Schedule: Full-Year

Earth Science students will use scientific inquiry skills, engineering concepts and metric measurements to solve problems concerning the earth and its place in space. Topics that are studied include rocks and minerals, weathering and erosion, plate tectonics, earthquakes and volcanoes, oceanography, the solar system and stars, weather and geologic time.

ACCELERATED EARTH SCIENCE 8

Grade: 8
Course Type: Required
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

Accelerated Earth Science is a rigorous course that explores the diverse abiotic world around us. Topics covered include space systems, Earth’s system, history of Earth, weather and climate, and human impact on Earth’s systems. Emphasis will be on developing science and engineering practices and skills. This course will cover topics of the regular 8th grade curriculum, while incorporating high school standards.



SOCIAL STUDIES

STUDENT PATHWAYS THROUGH THE SOCIAL STUDIES CURRICULUM

GRADE	GENERAL
6	Minnesota Studies
7	U.S. Studies
8	Global Studies

6th GRADE SOCIAL STUDIES requirement options

MINNESOTA STUDIES

Grade: 6
Course Type: Required
Schedule: Full-Year

In this introductory history course, students will investigate how the state of Minnesota has been shaped throughout the last few centuries. We will explore how Minnesota was involved in critical moments throughout U.S. History, study various groups of people who have lived here, discuss foundational elements of Minnesota government, and practice mapping skills with Minnesota geography. An emphasis will be placed on building informational reading comprehension and other literacy skills within the curriculum.

7th GRADE SOCIAL STUDIES requirement options

U.S. STUDIES

Grade: 7
Course Type: Required
Schedule: Full-Year

Students in U.S. Studies will explore American History from the American Revolution to the Industrial Revolution. We will take a closer look at the foundations of the U.S. Government through this time period. An emphasis will be placed on building informational reading comprehension and analyzing primary source documents throughout the curriculum.

8th GRADE SOCIAL STUDIES requirement options

GLOBAL STUDIES

Grade: 8
Course Type: Required
Schedule: Full-year

Students in Global Studies will explore the different cultural regions of the world through the lens of the eight traits of culture: history, religion, economics, daily life, social groups, government, art, and language. This course will act as a foundation for students' upcoming Human Geography, Modern U.S. History, and Modern World History courses.



GLOBAL ELECTIVES



Music Options

6th GRADE REQUIRED MUSIC COURSES

NOTE | Only one of these courses must be taken as a required course. Students may choose to take both band and choir, but students taking band or choir will not be able to take Music Production.

BAND

Grade: 6
Course Type: Required (or Music Production or Choir)
Pre-requisite: Previous band experience
Schedule: Full-Year - Every Other Day

This class is open to all 6th grade students who are interested in a band experience. 6th graders who wish to try band for the first time, or newcomers to the district, are asked to consult with the band instructor before registering for this course. 6th grade Band rehearses on opposite days from 6th grade Choir. Band students who are not in Choir have PE on non-Band days. Small group instrumental lessons are given during the day. Course requirements, grading and discipline procedures can be found in the Band Handbook online. Assignments and assessments will be given in this class to fulfill State and National Arts Standards. 6th grade Band performs three concerts per year: Fall, Winter, and Spring.

CHOIR

Grade: 6
Course Type: Required (or Music Production or Band)
Schedule: Full-Year - Every Other Day

Choir is open to any 6th grade student who wishes to sing. Voices are tested each fall for range and part placement. 6th grade Choir rehearses on opposite days from 6th grade Band. Group lessons are given during the day. Choir students who are not in Band have PE on alternate, non-Choir days. Course requirements, grading and discipline procedures can be found in the Choir Handbook. Assignments and assessments will be given in this class to ensure students fulfill the State and National Arts Standards. 6th Grade Choir performs three concerts per year: Fall, Winter, and Spring.

MUSIC PRODUCTION

Grade: 6
Course Type: Required (6th grade only, if not in Band or Choir)
Schedule: Full-Year - Every Other Day

In this class, students will analyze, examine and create all types of world music through the use of iPad technology and musical instruments. This class will also focus on applying a foundational understanding of music to the consumption and creation of 21st century music. Students will use apps such as GarageBand to experience digital music recording.

***This course is intended for students not choosing Band or Choir. Band or Choir students interested in a music production experience should register for the course “Drop a Beat” in 7th or 8th grade.*

7th & 8th GRADE ELECTIVE OPTIONS

BAND

Grade:	7, 8
Course Type:	Elective
Pre-requisite:	Previous band experience
Schedule:	Full-Year - Every Other Day

This class is open to all students who have previous band experience. Band placement will be determined in the fall based on enrollment, instrumentation, ability, and program development. Band meets every other day and is scheduled as a class. Small group lessons are scheduled for each student, usually occurring on the alternate days. Occasional assignments and assessments are given to fulfill the National Arts Standards. Course requirements, grading and discipline procedures can be found in the Band Handbook online. Bands perform at least three concerts each year: Winter Concert, Mid-Winter concert, and the Spring Concert. Standard and new band literature is used for these performances.



CHOIR

Grade:	7, 8
Course Type:	Elective
Schedule:	Full-Year - Every Other Day

Choir is open to any student who wishes to sing. Individual voices are tested each fall for range and choir/ part placement. Seventh grade students are grouped with both genders in each class. Eighth grade students are placed in gender specific choirs, allowing for more individual attention and differentiated instruction as voice changes occur. Course requirements, grading and discipline procedure can be found in the Choir Syllabus on our website. Assignments and assessments will be given in this class to insure students fulfill the National Arts Standards. Each choir performs 2 concerts per year and sings standard SATB, SSA and TB literature.

****Jazz Band and Chamber Choir groups meet before/after school and are offered as co-curricular extension activities. Students must try out for these activities in the fall***

World Language

For students looking ahead to a 4-year college, the minimum entrance requirement is often two years of the same language with some postsecondary institutions requiring up to four.

SPANISH 1

Grade: 7, 8
Credits: 2 Credits - Elective - *Upon successful completion of the course, the grade and credits will be placed on the student’s transcript and will impact their high school grade point average (GPA)*
Schedule: Full-Year

This course is recommended for students that are committed to multiple years of language study into high school. Designed exclusively for students with no prior exposure to Spanish, Spanish I focuses on the four basic skills: listening, speaking, reading, and writing. Relevant aspects of Hispanic culture are introduced. Students explore the culture and language through projects, music, and games. Upon completion of this course, students will be able to express basic information about themselves.



SPANISH 2

Grade: 8
Credits: 2 Credits - Elective - *Upon successful completion of the course, the grade and credits will be placed on the student’s transcript and will impact their high school grade point average (GPA)*
Schedule: Full-Year
Prerequisite: Spanish I

Designed for students who have successfully completed Spanish I, Spanish II focuses on the progressive development of the four basic skills: listening, speaking, reading, and writing. The class focuses on the mastery of basic grammatical structures and extending vocabulary. Students explore the culture and language through projects, music, and games. It is recommended students take this course the year following Spanish I.



SPANISH FOR SPANISH SPEAKERS 1

Grade:	7, 8
Credits:	2 Credits - Elective - <i>Upon successful completion of the course, the grade and credits will be placed on the student's transcript and will impact their high school grade point average (GPA)</i>
Pre-requisite:	This class is for students who speak Spanish at home as a primary or secondary language. Students should be conversational in Spanish, but not necessarily able to read and write.
Schedule:	Full-Year

This course is designed for students that speak Spanish conversationally or fluently and want to improve their Spanish skills. The class will be taught exclusively in Spanish, but it is not assumed that students know academic Spanish; academic vocabulary will be taught. The emphasis will be placed on developing reading, writing, spelling, and grammar. The objective is to support the student with their linguistic skills and provide them with the necessary academic skills to develop written and spoken language from their current level, both in Spanish and by transferring these skills to English. The class will include literature from Spanish speaking countries, cultural analysis and activities will help students to define and understand how cultures intersect.

Este curso ha sido diseñado para el estudiante que habla español y quiere mejorar sus habilidades lingüísticas. La clase será impartida estrictamente en español, pero no se supone que los alumnos entienden español académico. El énfasis será puesto en el desarrollo de las habilidades en la lectura, la redacción, la ortografía, y la gramática. El objetivo es el de proveer al estudiante con las habilidades académicas necesarias para desarrollar el lenguaje en el discurso escrito y oral, y para transmitir las habilidades lingüísticas a otras clases y lecturas en inglés. La clase enfocará en literatura de culturas hispanas y ofrecerá al estudiante la oportunidad de aprender sobre culturas hispanas por análisis cultural y un estudio de cómo y cuándo cruzan con otras culturas.

SPANISH FOR SPANISH SPEAKERS 2

Grade:	7, 8
Credits:	2 Credits - Elective - <i>Upon successful completion of the course, the grade and credits will be placed on the student's transcript and will impact their high school grade point average (GPA)</i>
Pre-requisite:	Spanish for Spanish Speakers 1 or by teacher recommendation
Schedule:	Full-Year

This course is designed for the student who speaks Spanish conversationally or fluently, and wants to improve their linguistic skills. The class will be taught exclusively in Spanish, and the emphasis will be placed on building literacy strategies so students can read more complex literature. The objective of this course is to support students in developing the academic skills necessary to use more sophisticated language in both reading and speaking. The class will also build on a previous study of Hispanic culture, with an emphasis on analysis of the historical forces that influence the development of Hispanic countries and cultures, and the implications on today's culture.

Este curso ha sido diseñado por el estudiante que habla español y quiere mejorar sus habilidades lingüísticas. La clase será impartida estrictamente en español, pero va a incluir enseñanza de vocabulario y español académico. El énfasis será puesto en el mejoramiento de las habilidades necesarias para manejar el lenguaje más complejo y sofisticado en el discurso escrito y oral. La clase también aumentará el estudio de la cultura hispana, con análisis profundo de las fuerzas históricas que han desarrollado la cultura y los países hispanos y las implicaciones en la cultura de hoy.



AREAS OF INTEREST



FIND YOUR PASSION AT SHAKOPEE SCHOOLS

“Exploring Areas of Interest”

To Shakopee Students and Families:

Our mission is to prepare all students to be college and career ready. A critical aspect of this mission is providing an opportunity for you to explore and find your interest and passion areas. Our district has undergone a multi-year planning process to re-imagine our secondary programs to ensure your success as you transition into high school and beyond. One of those key initiatives is to organize elective courses into six Academies at the high school; Arts & Communications, Business & Entrepreneurship, Engineering & Manufacturing, Health Science, Human Services, Science and Technology.

In order for you to explore each of these Academies, all students will participate in a one quarter “Gateway” course for each area during his or her 6th and 7th grade years. Along with their required classes, students will then have choices during their 7th and 8th grade years to select from a variety of elective courses aligned to academies to further pursue their interests.

Are you interested in learning more about areas such as publishing, manufacturing, business, healthcare, public service, science, technology, and engineering? The next pages in this guide outline the

variety of courses you can select from. **This will begin your journey towards discovering the types of courses you might want to pursue at the high school and how they relate to future education and career paths.**

We hope you find the course titles and descriptions exciting and intriguing – the courses were designed to help you **FIND YOUR PASSION!**

Nancy Thul

Director of Teaching and Learning
Shakopee Public Schools

Academies of Shakopee

Video Link: goo.gl/ItWtxv

How to Read Your Academy Curriculum Framework

Key Terms Defined

Area of Interest

Broad area of interests commonly used by universities and the Minnesota Department of Education as career clusters.

Programs of Study

A sequence of courses that increase in depth and complexity in a more focused program within an Area of Interest and directly relates to 2-yr and 4-yr post-secondary options and relevant career opportunities.

Gateway Course

A quarter length course that introduces each Academy and is a requirement for 6th and 7th grade students at the middle level.

Introductory Course

The first course in a sequence of courses within a program of study. Typically, taken by 9th or 10th graders exploring academies.

Intermediate Course

The second course in a sequence of courses within a program of study. Typically taken by 10th & 11th graders within the academy.

Advanced Course

The third course in a sequence of courses within a program of study. These courses must include value added programming. Typically, taken by 11th and 12th graders within the academy.

Academy Elective


An elective course within an academy that builds on the programs of study and is available to students outside of the academy.

Global Elective

A course that is not embedded within an academy. Typically meets a post-secondary or graduation requirement (e.g. World Language, Fine Arts).

CAPS Program

A profession-based, immersion program for 11th and 12th grade students who attend class, with a Shakopee High School teacher, at an industry partner location, with an opportunity for a second-semester internship.

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Heroes Middle School Electives (Grades 7 & 8): Digital Art Draw It, Paint It, Print It Drop a Beat House of Style Saber Animation & Video Sculpt It	Arts Production and Management	Elements of Media Production	Behind the Scenes: Production and Technical Design	Live Production
	Media Production and Recording		Music and Sound Recording	Live Production
			Broadcast and Video Production	Creative Professional
	Mass Communications		Writing for Media	Creative Professional
	Creative Design	Graphic Design 1	Graphic Design 2	
		Design Fundamentals	Drawing, Painting, Printmaking Photography	
	Additional Academy Elective Courses:	Acting Rock Band Essentials Interior Design Public Speaking Fashion Merchandising and Design Creative Writing		
CAPS Program:	 Shakopee CAPS Creative Media (Can substitute for the Advanced Course in any Arts & Communication Program of Study)			




Arts & Communication fosters creativity, innovation, and expression to ensure well-rounded individuals who can apply those skills in a number of fields. Career fields include the performing arts, visual arts, design, communications, and publishing.



Arts & Communication Academy



Related Careers: Art Directors, Curator, Stage Manager, Museum and Exhibit Manager, Director, Performer (Musician, Actor), Music Directors and Composers, Audio and Video Technician, Sound Engineer, Producers and Directors, Editors, Writers and Authors, Public Relations and Fundraising Manager, News and Print Media, Journalist, Multimedia Artists and Animators, Interior Designers, Artist and Art Marketer, Graphic Designers

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Heroes Middle School Electives (Grades 7 & 8): Digital Art Draw It, Paint It, Print It Drop a Beat House of Style Seber Animation & Video Sculpt It	Arts Production and Management	Elements of Media Production	Behind the Scenes: Production and Technical Design	Live Production
	Media Production and Recording		Music and Sound Recording	Live Production
			Broadcast and Video Production	Creative Professional
	Mass Communications	Graphic Design 1 Design Fundamentals	Writing for Media	Creative Professional
	Creative Design		Graphic Design 2	
			Drawing, Painting, Printmaking Photography	
	Additional Academy Elective Courses:	Acting Rock Band Essentials Interior Design Public Speaking Fashion Merchandising and Design Creative Writing		
CAPS Program:	 Shakopee CAPS Creative Media (Can substitute for the Advanced Course in any Arts & Communication Program of Study)			

Students in the Class of 2024 & Beyond will have to complete a 3 Course Program of Study

6th GRADE REQUIRED GATEWAY COURSE

HEROES

Grade: 6
Course Type: Required
Schedule: 1 Quarter

Here comes Arts and Communication to save the day! Who’s your hero? This class provides students with an introduction to the Arts and Communication Academy through a visual art design process. Throughout the experience, students will explore different art mediums and communication styles while designing their own Hero. Topics covered include drawing, painting, sculpture, writing a story, and digital creation.

7th & 8th GRADE ELECTIVE OPTIONS

DIGITAL ART!

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Do you like to play around on your iPad or computer? What about Manga, video games, animation and photography? In this class you will create a variety of digital media artworks; animation, illustration, graphic design, gaming and digital photography. While exploring various digital tools and creative techniques, you will create many digital designs and have the opportunity to print and show them in the school.

DRAW, PAINT, AND PRINT IT!

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Hey you! Are you creative? Have you already figured out that you love drawing, painting, or printmaking? *Draw, Paint and Print It!* is the class for you! This is a studio-centered class where you will create artwork using many types of art materials including, but not limited to, pencil, watercolor, acrylics, ink, and more. After trying many different 2D mediums, you will create a capstone project of your choice, with the opportunity to show your work in the school.

DROP A BEAT

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

In this class, students can expect to get "hands-on" experience with some of the latest technology, while learning how the technology operates. The class will also focus on learning how to plan and record a basic musical composition, while studying the components of most pieces of music. Students will gain some knowledge of recording techniques and will be able to share their creations on a live streaming radio cast at the end of the semester.,

HOUSE OF STYLE

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Is it your dream to be on Project Runway? Do you find yourself watching HGTV and wanting to design your own space? House of Style is the class for you! This class will introduce you to the world of textiles and interior design through hands-on projects. In order to showcase design skills learned, students will choose their own adventure and create a project related to the careers of fashion and interior design. Come explore your creative side.

SABER ANIMATION & VIDEO

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

The Saber Animation and Video course will teach students how to produce digital and animated shorts, live action broadcasts, and all the background work that goes into a video or animation production. Students will learn about Storyboarding, Shots and Angles, Lighting, Green Screen use, and Audio and Sound recording, as well as learning to utilize video and animation software and apps on iPads and computers throughout the semester.

SCULPT IT!

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Do you like to work with clay? Have you ever thought of making art from wire, plaster, wood or recycled materials? *Sculpt It!* is the class for you! This is a studio-centered class where you will create artwork using many types of art materials. After trying out these 3D mediums, you will create a capstone project of your choice, with the opportunity to show your work in the school.





**BUSINESS &
ENTREPRENEURSHIP**


Business & Entrepreneurship offers students industry relevant experiences that will allow students creative platforms to produce ideas and products that propel the growth of local, state, national, and the global economy. Career fields include marketing, sales, finance, hospitality and tourism, management, and entrepreneurship.



Business & Entrepreneurship Courses



Related Careers: Accountant, Bookkeeper, Actuary, Insurance Underwriters, Loan Officer, Financial Planner, Tax Preparer, Venture Capitalist, Small Business Owner, Entrepreneur, Business Analysts, Office Manager, Supply Chain Manager, Hotel Management, Event Planner, Tour Operator, Food and Beverage Manager, Executive Chef, Sous Chef, Restaurant Owner, Market Research Analysts, Recruiters, Social Media Marketing Manager, Sales Representatives & Retail Managers, Fundraiser, Media Buyer

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Think Tank Middle School Electives (Grades 7 & 8): Innovation Lab Money Doesn't Grow on Trees Teen Chef	Accounting and Finance	Business Dynamics	Accounting Finance and Investments	Advanced Business Seminar
	Entrepreneurship and Business Management		Management and Leadership Entrepreneurship	
	Marketing and Sales		Marketing	
	Hospitality and Restaurant Management	Business Dynamics Culinary Arts 1	Hospitality Management Culinary Arts 2	
	Additional Academy Elective Courses:	Baking & Pastry Business Technology Culinary Arts 3	Sports & Entertainment Marketing Social Media Marketing	
	CAPS Program:	 CAPS Business Administration and Management (Can substitute for the Advanced Course in any Business & Entrepreneurship Program of Study)		

7th GRADE REQUIRED GATEWAY COURSE

THINK TANK

Grade: 7
Course Type: Required
Schedule: 1 Quarter

Think Tank is a course that will challenge your imagination and innovation. Students will work in group and individual challenges to create, develop, and market a product. Using technology, creativity, and design, students will explore the exciting world of entrepreneurship.

7th and 8th GRADE ELECTIVE COURSES

INNOVATION LAB

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

In this class, students will come up with an idea for designing a service-based business while creating a business plan using the design process. In addition to designing all aspects of this business, students will work on company branding using logo design, marketing strategies and advertisement. Many aspects of being an entrepreneur will be addressed. If you are interested in starting your own business one day, this is the class for you!

MONEY DOESN'T GROW ON TREES

Grade: 7,8
Course Type: Elective
Schedule: 1 Semester

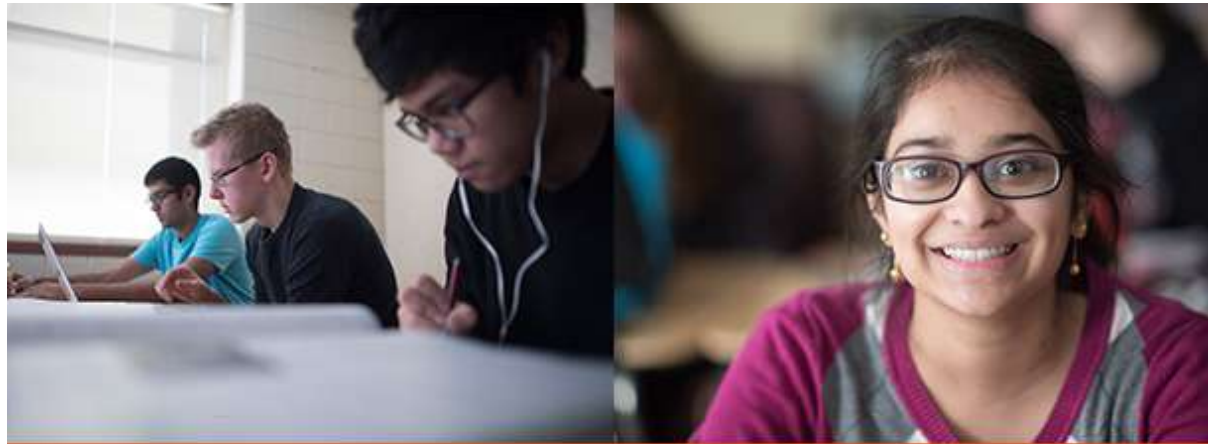
Wouldn't life would be easier if money did indeed grow on trees? This class will teach you how to manage your money so that you can make good financial decisions. We will focus on how money is earned, spent, saved, and invested. Our learning will be fun and interactive to help students understand wants, needs, and money management. We wrap up the course by creating a company, securing a loan, projecting profit, then baking and selling a product for Snack Shop.

TEEN CHEF

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Start becoming more independent by learning how to plan and prepare delicious meals. As a lab team, you will create and compete for the honor of top chef. Students will begin to explore what it takes to work in the culinary setting. Some of the favorite labs include the grilled sandwich challenge, stir fry, cupcake wars, and Korean beef bowls.





ENGINEERING & MANUFACTURING


Engineering and Manufacturing is a high tech, high skill, high demand area that will help students generate their own jobs and opportunities. Career fields include manufacturing, robotics, transportation, design, electronics, architecture, construction, and engineering.



Engineering & Manufacturing



Related Careers: Aircraft Mechanic, Aeronautic Engineer, Architect, Building Engineer, Civil Engineer, CNC Machinist, Computer Control Programmer/Operator, Design Electrical Engineer, Engineer, Electrician, Entrepreneur, HVAC Controller, Industrial Engineer, Machinists, Manufacturing Mechanical Engineer, Process Engineer, Packaging Engineer, Process Engineer, Robot Technician, Quality Engineer, Structural Engineer, Tool and Die Maker, Welder

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses [Grades 6-8]	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Teen Engineer	Architecture and Construction	Manufacturing and Construction	Construction Civil Engineering & Architecture [PLTW**]	Construction Management and Development
	Manufacturing and Fabrication Technologies		Welding and Metal Fabrication Wood Production Technologies	Manufacturing Design and Development
Middle School Electives (Grades 7 & 8): GTT: Architecture [PLTW] GTT: Design and Manufacturing [PLTW] GTT: Robotics [PLTW]	Engineering and Design	Intro to Engineering Design [PLTW**]	Principles of Engineering [PLTW**] Computer Integrated Manufacturing [PLTW**] Aerospace Engineering [PLTW**] Civil Engineering & Architecture [PLTW**]	Engineering Design & Development [PLTW**]
	Transportation Technologies	Small Gas Engines	Marine, Motorsport, and Outdoor Power Equipment	Super High Mileage Vehicle
	Additional Academy Elective Courses:	Advanced Welding – Design & Fabrication Advanced Woodworking – Cabinetry & Furniture		
	CAPS Program:	 Shakopee CAPS Engineering & Manufacturing (Can substitute for the Advanced Course in any Engineering & Manufacturing Program of Study)		

** Project Lead the Way © affiliated course | pltw.org

7th GRADE REQUIRED GATEWAY COURSE

TEEN ENGINEER

Grade: 7
Course Type: Required
Schedule: 1 Quarter

Engineering and Manufacturing is a growing field that helps students understand how human made solutions can solve real-world problems. Through this gateway experience, students will learn skills using computer aided drafting, 3D printers, laser engraver/cutters, woodworking hand and power tools. Projects created in class that can be taken home include a wooden keep-sake box, catapult, personal name tag, and a selection of 3D printer projects.

7th and 8th GRADE ELECTIVE COURSES

GTT: ARCHITECTURE (PLTW)

Grades: 7, 8
Course Type: Elective
Schedule: 1 Semester

Gateway To Technology (GTT): Architecture is a creative Project Lead the Way (PLTW) Engineering course that introduces students to the world of architecture and construction. Students take on the role of an architect as they design the floor plan and 3D model of their dream home. Students will learn how to apply architectural design principles, 3D drafting, and construction materials and techniques through building a scale model of their home.

GTT: DESIGN AND MANUFACTURING (PLTW)

Grades: 7, 8
Course Type: Elective
Schedule: 1 Semester

Gateway To Technology (GTT): Design and Manufacturing is an engaging Project Lead the Way (PLTW) Engineering course that introduces students to the world of computer-aided design and manufacturing. Students will experience the world of engineering and manufacturing first hand while they design and model a variety of projects, such as a mechanical arm, iPad stand, laser cut clock, and a student designed 3D printer project. Students will then manufacture their designs using high-tech (3D printers, laser cutters) and traditional manufacturing techniques.

GTT: ROBOTICS (PLTW)

Grades: 7, 8
Course Type: Elective
Schedule: 1 Semester

Gateway To Technology (GTT): Robotics is a hands-on Project Lead the Way (PLTW) Engineering course that introduces students to the world of robotics and automation. Students will learn how to design and build robotic systems and write computer programs to control them. Students will complete exciting projects such as: maze-solving vehicles, drag racers, robotic arms, elevators, and many more.



HEALTH
SCIENCE


Health Science education will provide students with the knowledge and skills to pursue this high demand industry. Health Science career fields include biomedical science, exercise science, health and wellness, nutrition, and healthcare fields.



Health Science



Related Careers: Medical Appliance Technician, Medical and Clinical Lab Technologist, Surgical Technologist, Medical Imaging Technologist, Biomedical Engineer, Forensic Science Technician, Dietetic Technician, Dietician and Nutritionist, Community Health Worker, Massage Therapist, Fitness Trainer and Aerobics Instructor, Athletic Trainer, Recreational Therapist, Physical Therapist, Occupational Therapist, Massage Therapist, Exercise Physiologist, Pharmacy Technician, Medical Assistant, Healthcare Social Worker, Physician, Physician Assistant, Licensed and Practical Nurse, Respiratory Therapist, Dentistry, Ophthalmology, Surgical and Medical Technician, Chiropractor

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 7): Snack Attack Middle School Electives (Grades 7 & 8): GTT: Medical Detectives (PLTW) 2 Fit 2 Quit Code Red	Biomedical	Human Body Systems	Principles of Biomedical Science (PLTW**)	Medical Interventions (PLTW**)
	Public Health		Global Health and Disease Prevention	Community Health
	Exercise Science		Human Movement Sciences	Sports Medicine
	Healthcare		Principles of Biomedical Science (PLTW**) Nursing Assistant Emergency Medical Responder	Healthcare Simulation
	Additional Academy Elective Courses:	CIS: Human Physiology, Technology, and Medical Devices Nutrition for the Human Body		
	CAPS Program:	 CAPS Healthcare and Medicine (Can substitute for the Advanced Course in any Health Science Program of Study)		

7th GRADE REQUIRED GATEWAY COURSE

SNACK ATTACK

Grade: 7
Course Type: Required
Schedule: 1 Quarter

This gateway class explores the area of Health and Human Services. Learn about careers and skills that professionals use to better the physical, social, and emotional health of others. Students will get the chance to prepare nutrient dense foods to explore how the nutrients can positively impact health.

7th and 8th GRADE ELECTIVE COURSES

2 FIT 2 QUIT

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Interested in fitness, weight lifting, and learning about how your body works? Well look no further. In *2 Fit 2 Quit*, students will learn how to create personalized work out plans, examine how heart rate affects training, learn about major muscles of the body, and correct lifting form. *2 Fit 2 Quit* will teach you how to improve your health, athletic performance, and understand the human body.

CODE RED

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

If not you, then who? The first few minutes after any emergency are the most important. In this course, you will learn how leadership and quick emergency response can help you manage life or death situations. Learn the skills needed for the exciting career fields in healthcare, leadership, and athletic training while earning First Aid, CPR and AED certification. It is time for YOU to be the Hero!

GTT: MEDICAL DETECTIVES (PLTW)

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Students engage in the role of real-life medical detectives as they analyze genetic testing results to diagnose disease and study DNA evidence found at a “crime scene.” They solve medical mysteries through hands-on projects and labs, investigate how to measure and interpret vital signs, and learn how the systems of the human body work together to maintain health. Learning about the human body muscular and skeletal system the students will create prototype prosthetics by using the design process.




Skills students gain in the Human Services could be applied across all academic disciplines. Human Services courses benefit both the community and students while encouraging students to look beyond themselves to serve others. Career fields include human development, psychology, education, legal fields, law enforcement, and public services.



Human Services



Related Careers: Early Childhood Educator, K-12 Teacher, Administrator, Educational Paraprofessional, Training and Development Manager/Supervisor, Police and Sheriff's Patrol Officers, Correction Officers and Jailers, Attorney, Court Reporters, Paralegal and Legal Assistants, Government Service, Labor Relations Specialist, Firefighter, Military Service, Non-Governmental Organization, Lobbyist, Social and Human Service Assistant, Mental Health Counselors, Health Educators, Clinical Counseling, and School Psychologist

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Be The Change Middle School Electives (Grades 7 & 8): Law and Order More Than Social Media	Teaching and Educational Services	Intro to Human Development	Exploring Education	Multicultural Education
	Social and Mental Health Services	Human Relations	Positive Psychology: Building People and Community	Community Leadership and Service
	Public Service	Human Relations	Generation Now	
	Law and Legal Services	Criminal Justice and the Court	A Case for Justice	Law and Legal Services
	Additional Academy Elective Courses:	Advanced Child Development Sociology of the Family		
	CAPS Program:	 Future Programming To Be Determined		

6th GRADE REQUIRED GATEWAY COURSE

BE THE CHANGE

Grade: 6
Course Type: Required
Schedule: 1 Quarter

This is a quarter long gateway course to Human Services. Students will learn interpersonal skills while exploring their own personalities and how to work with others. Students will also practice effective communication, problem solving, and decision making skills while they explore the change process and brainstorm how to make a change in their world. Inspiration will be found in the many activities and guest speakers from our community that are part of the class.

7th and 8th GRADE ELECTIVE COURSES

LAW AND ORDER:

Grades: 7, 8
Course Type: Elective
Schedule: 1 Semester

Have you ever thought about how the laws from the past affect us in today's society and what rights students, minorities, and adults have? Then this is the class for you. In this class we will explore the inner workings of the legal system through the eyes of judge, lawyer, jury, accused, victim, and society as a whole. After building foundational knowledge, students will actively take part in mock trials putting their skills to use in multiple roles.

MORE THAN SOCIAL MEDIA

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Did you know teens currently spend an average of 9 hours consuming media each day? This course will teach you the healthy and unhealthy approach to media use, and the impact that it has on your overall wellness. Explore how you can maximize your relationships, and how to use social media to build deeper connections with individuals and the community.




Science & Technology promotes students to be leaders in the construction and development of dynamic and ever-changing industries. The education will reflect the modern needs of our global society and prepare our students to successfully utilize skills that will contribute to the betterment of our community. Career fields include investigative science, math, applied science & technology, and computer science.



Science & Technology



Related Careers: Electrician, Electrical Engineer, Electronics Technician, Electrical Power-Line Installers and Repairers, Power Plant Technician and Operator, Electrical Systems Designer and Drafter, Network and Computer Systems Administrators, Computer Network Architects, Computer Hardware Engineer, Computer Hardware Technician and Repairer, Computer Research Scientist, Software Developer, Computer Systems Analyst, Computer and Information Systems, Computer Programmers, Information Security Analysts, Database Administrators, Natural Sciences Managers, Environmental Engineer, Green Technology and Alternative Energy Designer, Geoscientist & Conservation Scientists, Mining and Geological Engineer

MIDDLE SCHOOL	HIGH SCHOOL			
Area of Interest Courses (Grades 6-8)	Program of Study	Introductory Courses	Intermediate Courses	Advanced Courses
Area of Interest Gateway (Grade 6): Programming is Electric	Computer Science	Computer Hardware and Software	AP Computer Science Principles [PLTW**]	Technological Innovations
	Information Technology Solutions		Cyber Security	
Middle School Electives (Grades 7 & 8): Energy and Flight Apps Creation	Renewable Energy and Electrical Systems	Electricity	Energy and Power Generation	Environmental Solutions
	Environmental Science	Energy, Food, and The Outdoors	AP Environmental Science Environmental Ethics Ecology	
	Additional Academy Elective Courses:	Mobile App Development Web Development		
	CAPS Program:	 Future Programming To Be Determined		

6th GRADE REQUIRED GATEWAY COURSE

PROGRAMMING IS ELECTRIC (PLTW)

Grade: 6
Course Type: Required
Schedule: 1 Quarter

We will explore the science of electricity, digital electronics and how they interact with computer programming. Students will develop electronic devices that will have to be programmed to solve a problem. We will acquire knowledge and skills in basic circuitry design and examine the logic behind computer programing.



7th and 8th GRADE ELECTIVE COURSES

APP CREATIONS (PLTW)

Grades: 7, 8
Course Type: Elective
Schedule: 1 Semester

Students will learn the basics of computer science through mobile app development (PLTW). Students will start with basic concepts of programming in “Blockly,” a simple drop-and-drag programming language using MIT’s App Inventor. Students will then progress to “Python” in which they learn introductory elements of text-based programming and language syntax. Students will explore the impact of computing in society and the application of computing across career paths.

ENERGY AND FLIGHT (PLTW)

Grade: 7, 8
Course Type: Elective
Schedule: 1 Semester

Invisible particles are running rampant through our world! You press the pedal, and the car goes; you flip the switch, and the light comes on; you hit the button, and the screen lights up. Have you thought about where you get your power from? How do tiny pieces of matter change the way we live? Electrons power our iPhones, air particles allow planes to fly from continent to continent, and greenhouse gases intensify natural disasters. Scientists and Engineers have developed ways to harness these particles to power our world. Join us in exploring the good, the bad, and the ugly impacts of these small-scale fragments.

ALTERNATIVE PROGRAMMING

A variety of special programs are available to students who have special needs. Parents and students who are interested should contact their grade level dean or the school academic counselor for possible recommendation to any aspect of these programs. Each of these program options is located at the middle school. Placement is limited, so it is necessary that we prioritize students based on their needs. Placements in alternative programs are determined through program specific procedures.

Special Education

PROGRAMS

- Autism Spectrum Disorder
- Deaf & Hard of Hearing
- Emotional or Behavioral Disorder
- Vision Impairment
- Developmental Cognitive Delay
- Other Health Disability
- Physical Impairment
- Speech or Language Impairment
- Specific Learning Disability
- Severe Multiple Impairment
- Traumatic Brain Injury

Students who move to Shakopee with an active IEP from another school district will be placed in Special Education programs in accordance with the law. A case manager will immediately be assigned, and s/he will contact the parent/guardian. It is most helpful if parents of students moving to Shakopee with an IEP bring a copy of that IEP with them when they register the student.

Students who do not receive special education services, but whose parents feel that an assessment is necessary, should contact an assistant principal, the academic counselor, or the school social worker. A referral will be made to the Evaluation Team. Specific procedural requirements must be met before a student can be taken through the assessment process. The academic counselor or dean will work with you and the Special Education team to determine if such an assessment is appropriate.

EL (English Learner) Services

EL courses are designed for students whose first language is one other than English. The focus is to assist students in listening, speaking, reading, and writing English in order to succeed in content area classes, and to improve social and academic language.

Students qualify for EL support according to their scores on the W-APT and/or ACCESS tests. The amount and type of EL services will vary depending on the English language development level of the student.

More information about English Learner (EL) Services is available at <http://www.shakopee.k12.mn.us/domain/52>.

AVID Program

AVID (Advancement Via Individual Determination) is a college readiness elective class held five days a week during the school day. It is offered to students who would like to prepare to attend a college or university. Students participate in AVID voluntarily. Students who would like to be in the class must complete an application and be interviewed to be considered for possible selection.

The curriculum includes WICOR (writing, inquiry, collaboration, organization, reading), note-taking, study skills, test preparation and test-taking skills, and more. There are also college, career, and team building activities and visits to colleges and universities.

If selected, students sign the AVID Student Agreement committing to be in the class at least one year and to completing all required AVID work, taking notes in all subject-area classes daily, using the AVID binder and planner for all classes and participating twice weekly in small group tutorial sessions during the AVID class with AVID tutors.

Other requirements include good citizenship, appropriate classroom behavior, good attendance and minimum 2.0 GPA. AVID students are required to take at least one rigorous course each year. They must be able to complete advanced-level work. Students must also demonstrate motivation, individual determination and take responsibility for their own learning and success.

More information about AVID is on the Shakopee AVID Web page at <http://www.shakopee.k12.mn.us/domain/163> and at <http://www.avid.org>.

AVID

Grade: 7 and 8

Course Type: Elective

Schedule: Full Year

Get Organized! Introduction to WICOR (writing, inquiry, collaboration, organization, and reading) skills and strategies that will propel students into developing study habits which support their success in rigorous classes. Note-taking skills and habits will also be developed. Students are introduced to AVID-style tutorials which develop critical thinking and collaboration skills. Weekly binder checks aid students in maintaining a binder organization system.

Future AVID Electives:

AVID 9: Personal Growth! Emphasis on further developing WICOR skills, exploring personality, strengths and areas for growth, choosing an academy, and goal setting. Weekly tutorials, binder checks, and note-taking skills.

AVID 10: Laying the Foundation! Emphasis on further developing WICOR skills with a greater focus on college and career research, scholarship introduction, and future goal setting. Weekly tutorials, binder checks, and note-taking skills.

AVID 11: Gearing up! Enhanced focused on college and career exploration, narrowing college choices, writing college and scholarship essays, exploring financial aid, and applying to scholarships. Weekly tutorials, binder checks, and note-taking skills.

AVID 12: Making it happen! Applying to college and scholarships, refining college-ready academic skill set, creating collaborative study groups, and preparing for life after high school. Weekly tutorials, binder checks, and note-taking skills.