



Shakopee
PUBLIC SCHOOLS
EDUCATION FORWARD

MIDDLE SCHOOL REGISTRATION GUIDE
2017-2018

Pearson 6th Grade Center
East Junior High
West Junior High





MESSAGE TO STUDENTS & PARENTS

To Students and Parents of Pearson Sixth Grade Center and East and West Junior High Schools:

This course registration guide is one tool for you to use as you plan for the 2017-2018 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.

At Pearson Sixth Grade Center, students have a safe and caring environment to begin this transition. 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) Honors and Accelerated Reading/Language Arts, Accelerated Science and/or Pre-Algebra (accelerated math) or Algebra (twice accelerated math).

The middle school years offer students 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 (or your student's) advisor or counselor. Thank you for planning wisely for your future!

Our goal is to have the registration process completed by the end of February for the majority of students. Course requests will determine our staffing needs for next year, so it is essential that you take every opportunity to make an informed decision.

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



Contact Information

Pearson 6th Grade Center

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East Junior High School

Principal | Jim Miklausich

Asst. Principal | Matt Headrick

Asst. Principal | Mandy Hainline

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Principal | Lori Link

Asst. Principal | Paul Nettesheim

Asst. Principal | Joel Young

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PEARSON 6TH GRADE CREDIT 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 “Gateway to the Areas of Interest” courses.

Students may take:

- Band every-other-day opposite of PE.*
- Choir every-other-day opposite of PE.*
- Band and Choir every-other-day (Students will take a one quarter PE class in replacement of a Gateway course).*
- 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 other 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	Area of Interest 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)			

NOTE | Students taking Band AND Choir will be required to participate in one quarter of physical education which will replace one of their one quarter gateway courses.

7th Grade Credit 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 “Gateway to the Areas of Interest” 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.

Students **NOT** in Band or Choir

OR

Students **IN** Band or Choir

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

GRADE 7				
1	English (full year)			
2	Social Studies (full year)			
3	Mathematics (full year)			
4	Life Science (full year)			
5	Area of Interest Gateway Courses (one quarter each)			Health (quarter)
	Business & Entrepreneurship	Engineering & Manufacturing	Health Sciences	
6	Elective (semester)		Elective (semester)	
7	Band or Choir (every other day)			
	Physical Ed. or second Band/Choir (every other day)			

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

8th Grade Credit 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.

Students **NOT** in Band or Choir

OR

Students **IN** Band or Choir

GRADE 8		
1	English (full year)	
2	Social Studies (full year)	
3	Mathematics (full year)	
4	Earth 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	Earth Science (full year)	
5	Elective (semester)	Elective (semester)
6	Elective (semester)	Elective (semester)
7	Band or Choir (every other day)	
	Physical Ed. or second Band/Choir (every other day)	

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

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 (usually those who are in the top 20% of their class) 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	HONORS / 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	Physical Science 6	Accelerated Physical 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	Honors English 8	
	Mathematics	Algebra 1	Accelerated Geometry	Accelerated Algebra 2
	Science	Earth Science 8	Honors Earth Science	

Identification

Students are identified for gifted education and 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 are encouraged to use the appeals process (described on page 8 of this book).

- Honors & Accelerated Courses | To be identified for Honors or Accelerated courses, students average scores on MAP 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, study average scores on MAP and MCA data over the previous two years must be at or above the 95th percentile.

Advanced Courses

Honors: These courses are taught using grade-level curriculum and are enriched through the type of instructional activities in the course. Honors courses are being phased out and being replaced by accelerated and college-credit courses. Students are identified for honors courses based on district-defined criteria.

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 grades 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 or HP Specialist for more information.

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	REGULAR	HONORS	ACCELERATED
6	Reading & Language Arts 6		Accelerated Reading & Language Arts 6
7	English 7		Accelerated English 7
8	English 8	Honors 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
Credits: 2 Credits - Required
Schedule: Full-Year

The sixth grade language arts curriculum consists of word study and various modes of writing. Each language arts class focuses on all of the 6+1 Traits of writing in student journals, 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
Credits: 2 Credits - 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 and through student reading response journals. 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
Credits:	4 Credits - Required
Schedule:	Full-Year (2 Periods)
Eligibility:	Placement based on District identification criteria

Accelerated Reading and Language Arts 6 are the first of a two year (grades 6 & 7) 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
Credits:	2 Credits - 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
Credits:	2 Credits - Required
Schedule:	Full-Year
Eligibility:	Placement based on District identification criteria

The Accelerated English 7 is the second of a two year (grades 6 & 7) 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
Credits: 2 Credits - Required
Schedule: Full-Year

The English 8 course is designed to meet the Language Arts core requirement for 8th grade. Literature, grammar, punctuation, writing, and speaking/listening skills will be studied throughout this course.

HONORS ENGLISH 8

Grade: 8
Credits: 2 Credits - Required
Schedule: Full-Year
Eligibility: Placement based on District identification criteria

The Honors English 8 course is designed for highly motivated students eager for a challenging curriculum of literature, writing, grammar, punctuation, and speaking/listening skills. A literature-based research project requiring critical thinking skills will be assigned. Discussions, additional activities, and assessments will be included in 1st quarter grades.

The course profile includes:

- Thematic organization of curriculum
- Emphasis on inquiry, analysis and interpretation of literature
- Emphasis on in-depth projects and challenging homework
- Faster paced deadlines

HEALTH & PHYSICAL EDUCATION

6th GRADE HEALTH & PHYSICAL EDUCATION requirement options

HEALTH 6

Grade: 6
Credits: 1/2 Credit - Required
Schedule: 1 quarter

Topics covered in the sixth grade health curriculum include units of Steps to Respect Anti-Bullying, Communicable and Non-communicable Diseases, Taking Responsibility for your Health, and Human Growth and Development.

PHYSICAL EDUCATION (1 Semester)

Grade: 6
Credits: 1 Credit - Required
Schedule: 1 semester

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
Credits: 1/2 Credit - Required
Schedule: 1 quarter

Health 7 is the study of various current health issues. Students will study decision making/refusal skills that help them make good decisions when faced with peer pressure. Personal Body Care will help students address the many issues that face teenagers during adolescent years. Drugs and medicines will be discussed along with inhalants, anabolic steroid and prescription drug abuse. Good nutrition practices will be discussed at it relates to overall body wellness and how it relates to self-image.

PHYSICAL EDUCATION 7

Grade: 7
Credits: 1 Credit - Required
Schedule: One semester

Students in Physical Education 7 will explore personal fitness through their understanding of the rules and skills of team and individual sports. Pedometers and 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
Credits:	1 Credit - Required
Schedule:	1 semester

Students in Physical Education 8 will explore personal fitness through their understanding of the rules and skills of team and individual sports. Pedometers and heart rate monitors are used to assist students in assessing their own fitness levels. Activities may include, but not be limited to track & field, swimming, lacrosse, tennis, dance, golf, basketball, flag football, and fitness testing. 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	REGULAR	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
Credits: 2 Credits - Required
Schedule: Full-Year
Pre-requisite: Successful completion of 5th grade Math

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
Credits: 2 Credits - Required
Eligibility: Placement based on District identification criteria
Pre-requisite: Successful completion of 5th grade Math
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
Credits:	2 Credits - Required
Eligibility:	Placement based on District identification criteria
Pre-requisite:	Testing out of 6th Grade Pre-Algebra
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
Credits:	2 Credits - Required
Pre-requisite:	Successful completion of Math 6
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
Credits:	2 Credits - Required
Eligibility:	Placement based on District identification criteria
Pre-requisite:	Successful completion of Pre-Algebra
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 (Successful completion of this course will also result in 2 High School Math credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Eligibility:	Placement based on District identification criteria
Pre-requisite:	Successful completion of Algebra I
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. 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.

8th GRADE MATHEMATICS
requirement options

ALGEBRA I

Grade:	8
Credits:	2 Credits - Required
Pre-requisite:	Successful completion of Pre-Algebra
Schedule:	Full-Year
Fee:	None

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 (Successful completion of this course will also result in 2 High School Math credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Eligibility:	Placement based on District identification criteria
Pre-requisite:	Successful completion of Algebra I
Schedule:	Full-Year
Fee:	None

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. Students may be removed from the class for academic reasons and con-

tinued participation in the class will be determined by a student’s effort and academic success.

ACCELERATED ALGEBRA 2
(TWICE ACCELERATED)

Grades:	8 (Students may be bused to the high school for this course.)
Credits:	2 Credits - Required (Successful completion of this course will also result in 2 High School Math credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Eligibility:	Placement based on District identification criteria
Prerequisite:	Successful completion Algebra 1 and Geometry or placement by 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	REGULAR	HONORS / ACCELERATED
6	Physical Science 6	Accelerated Physical Science 6
7	Life Science	Accelerated Life Science
8	Earth Science	Honors Earth Science

6th GRADE SCIENCE requirement options

PHYSICAL SCIENCE 6

Grade: 6
Credits: 2 Credits - Required
Schedule: Full-Year

In Physical Science, students will develop scientific inquiry skills through problem solving. This is accomplished through the introduction to lab reports and the use of a Science Notebook. Students study chemistry, forces and motion, light and sound waves, and energy sources.

ACCELERATED PHYSICAL SCIENCE 6

Grade: 6
Credits: 2 Credits - Required
Eligibility: Placement based on District identification criteria
Schedule: Full-Year

This course is designed to introduce students to chemistry, physics, and engineering. Throughout the year students will conduct investigations, write lab reports, read science related articles, and utilize the scientific method and the engineering design process in order to solve problems. This course will cover topics of the regular 6th grade curriculum, while incorporating high school standards.



7th GRADE SCIENCE

requirement options

LIFE SCIENCE 7

Grade: 7
Credits: 2 Credits - Required
Schedule: Full-Year

In Life Science students practice using scientific inquiry skills to solve problems. This is demonstrated through reports. Students study the structure and function of life, how living organisms interact with each other and their environment, and the systems of the human body.

ACCELERATED LIFE SCIENCE 7

Grade: 7
Credits: 2 Credits - Required
Eligibility: Placement based on District identification criteria
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, but incorporate high school standards.

8th GRADE SCIENCE

requirement options

EARTH SCIENCE

Grade: 8
Credits: 2 Credits - 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.



HONORS EARTH SCIENCE

Grade:	8
Credit:	2 Credits - Required
Eligibility:	Placement based on District identification criteria
Schedule:	Full-Year

This course is designed for students who enjoy studying science. Students in this course will use scientific inquiry skills and metric measurements to solve problems concerning the earth and its place in space as well as advanced engineering applications. Topics that are studied include rocks and minerals, weathering and erosion, plate tectonics, earthquakes and volcanoes, oceanography, the solar system and stars, weather and geological time.

The course profile includes:

- Emphasis on in-depth projects and meaningful assignments that require dedication to learning
- Activities designed to stimulate a passion in the scientific process and
- Advanced inquiry skills, including the organization of data

SOCIAL STUDIES

STUDENT PATHWAYS THROUGH THE SOCIAL STUDIES CURRICULUM

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

6th GRADE SOCIAL STUDIES requirement options

MINNESOTA STUDIES

Grade: 6
Credit: 2 Credits - 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
Credit: 2 Credits - 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 writing skills within the curriculum.

8th GRADE SOCIAL STUDIES requirement options

GLOBAL STUDIES

Grade: 8
Credit: 2 Credits - Required
Schedule: Full-year

Students in Global Studies will explore the seven continents 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
Credit:	1 Credit - 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
Credit:	1 Credit - 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
Credit:	1 Credit - 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
Credits: 1 Credit - 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
Credits: 1 Credit - Elective
Schedule: Full-Year - every other day

Choir is open to any student who wishes to sing. Individual voices are heard 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.

GERMAN 1

Grade: 7, 8
Credits: 2 Credits - Elective (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Schedule: Full-Year

This course introduces students to the German language, its structure, pronunciation, and the cultures of Germany, Switzerland, and Austria. We will learn various new words and phrases to be able to carry on simple conversations about ourselves and our world. Topics covered in level 1 include; family, friends, school, hobbies and clothing. The emphasis of German 1 is to gain a skill base of basic speaking and listening comprehension skills, and also read and write short dialogs, create skits, and complete other hands-on projects using our new language skills. German will be spoken whenever possible. This class requires a high degree of motivation and memory skills, along with good study habits. A good understanding of English grammar skills is a plus for this course. German I is a demanding course and will prepare the student to take German II. This course is recommended for students that are committed to multiple years of language study.

GERMAN 2

Grade: 8
Credits: 2 Credits - Elective (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Prerequisite: German 1 or by placement test
Schedule: Full-Year

This course continues the development of the student's conversational skills in German. We will improve our communicative abilities by learning all the basic "building blocks" of grammar, and increase our vocabulary through reading, listening and writing. We will also learn more about the geography and culture of the German-speaking world, and learn how to express our own ideas, feelings and reactions. Dialogs, skits, videos and hands-on projects continue to be a major focus.



SPANISH 1

Grade: 7, 8
Credits: 2 Credits - Elective (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Schedule: Full-Year

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, movies, music, and games. Upon completion of this course, students will be able to express basic information about themselves. This class requires a high degree of motivation, memorization skills, and good study habits. This course is recommended for students that are committed to multiple years of language study into high school.

SPANISH 2

Grade: 8
Credits: 2 Credits - Elective (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Schedule: Full-Year
Prerequisite: Spanish I or by placement test

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, movies, 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 (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
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 use written and spoken language in a more sophisticated way, both in Spanish and by transferring these skills to English. The class will include literature from Spanish speaking countries, cultural analysis and activities 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 manejar 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 (Successful completion of this course will also result in 2 High School Elective credits that will be considered a “Pass” and not impact a student’s high school grade point average.)
Pre-requisite:	Spanish for Spanish Speakers 1 or by placement test
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 strictly in Spanish, but it will include instruction of academic vocabulary. The emphasis will be placed on building on skills in reading, writing composition, grammar, and will present 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 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 begun 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 all elective courses into six areas of interest; Arts & Communications, Business & Entrepreneurship, Engineering & Manufacturing, Health Science, Human Services, Science and Technology. These Areas of Interest provide the foundation for what will become the Academies of Shakopee in the fall of 2018.

In order for you to learn about each of these Areas of Interest, 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 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

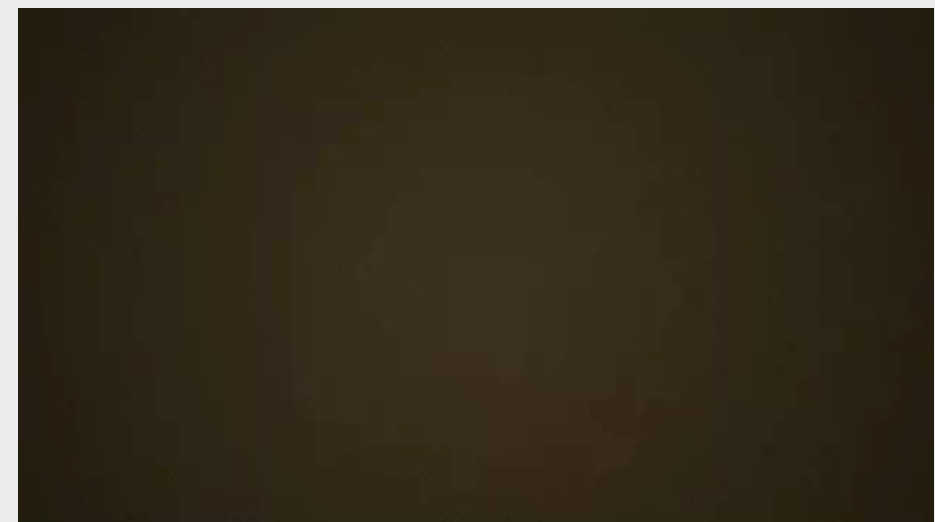
Looking Ahead to the Academies of Shakopee:

Please review the following pages to get a glimpse of the future changes for the Academies of Shakopee, including:

- Graduation requirements
- Block Schedule
- Academy Curriculum Framework

Please review each section for more details regarding your child's future at Shakopee High School.

Academies of Shakopee



Video Link: goo.gl/ItWtxv

High School Graduation Requirements

Class of 2022 & Beyond

LOCAL GRADUATION REQUIREMENTS

Students must earn 57 total credits in grades 9-12 in order to graduate from Shakopee High School. In addition to earning credits to graduate, students must meet or exceed credits in each of the following subject areas (See table to the right)

The school year is divided into two semesters. A successfully completed one-semester course will earn one semester credit. Courses concurrently enrolled with a college or university will earn one high school credit for every two college/university semester credits.

Beginning the Fall of 2018, our schedule will move from a 7 period day to a 4 period day, A/B block schedule.

SUBJECT AREA	CREDITS = GRADES 9-12
English	8
Mathematics	6
Social Studies	8
Science	6
Fine Arts	2
Health	1
Physical Education	2
Freshman Seminar	1
Financial Literacy	1
Program of Study	3
Total Electives	19
Total Credits Required:	57

Block Schedule Freshman Year					Block Schedule Sophomore Year				
	Semester 1		Semester 2			Semester 1		Semester 2	
	Day 1	Day 2	Day 1	Day 2		Day 1	Day 2	Day 1	Day 2
B1	English Req.	Math Req.	English Req.	Math Req.	B1	English Req.	Math Req.	English Req.	Math Req.
B2	Social Studies Req.	Science Req.	Social Studies Req.	Science Req.	B2	Social Studies Req.	Science Req.	Social Studies Req.	Science Req.
B3	Physical Educ Req.	Freshman Seminar	Elective	*Fine Arts Req.	B3	Elective	Program of Study Req.	Health Req.	Elective
B4	Elective	Elective	Elective	Elective	B4	Elective	Elective	Elective	Elective

Block Schedule Junior Year					Block Schedule Senior Year				
	Semester 1		Semester 2			Semester 1		Semester 2	
	Day 1	Day 2	Day 1	Day 2		Day 1	Day 2	Day 1	Day 2
B1	English Req.	Math Req.	English Req.	Math Req.	B1	English Req.	Program of Study Req.	English Req.	*Financial Literacy Req.
B2	Social Studies Req.	Science Req.	Social Studies Req.	Science Req.	B2	Social Studies Req.	Elective	Social Studies Req.	Elective
B3	Program of Study Req.	Elective	Elective	*Fine Arts Req.	B3	Elective	*Physical Educ Req.	Elective	Elective
B4	Elective	Elective	Elective	Elective	B4	Elective	Elective	Elective	Elective

*Physical Education, Program of Study, Financial Literacy, and Fine Arts courses can be taken in the high school year chosen by the student.

Overview of the Academies of Shakopee

Arts & Communication

- Performance Production and Management
- Media Production and Recording
- Publishing and Online Media
- Creative Design

Health Science

- Biomedical
- Public Health
- Exercise Science
- Healthcare

Business & Entrepreneurship

- Accounting and Finance
- Entrepreneurship and Business Management
- Hospitality and Restaurant Management
- Marketing and Sales

Human Services

- Teaching and Educational Services
- Law and Legal Services
- Public Service and Leadership
- Social and Mental Health Services

Engineering & Manufacturing

- Architecture and Construction
- Manufacturing and Fabrication Technologies
- Engineering and Design
- Transportation Technologies

Science & Technology

- Electrical Systems
- Information Technology Solutions
- Computer Science
- Green Energy and Innovative Technologies

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 Area of Interest 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 9th to 11th graders within the academy.

Advanced Course

The third course in a sequence of courses within a program of study. These courses must include a 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 7]: Think Tank Middle School Electives [Grades 7 & 8]: Innovation Lab Money Doesn't Grow on Trees Teen Chef	Accounting and Finance	Accounting 1 Finance and Investments		Banking and Finance Management
	Entrepreneurship and Business Management	Business Dynamics	*Management and Leadership	Entrepreneurship
	Hospitality and Restaurant Management	Business Dynamics Culinary Arts 1	*Culinary Arts 2	Event Management
	Marketing and Sales	Business Dynamics	Marketing	Marketing
	Additional Academy Elective Courses:	Accounting 2 Macroeconomics International Business and Law *Business Technology	Baking and Pastry Culinary Arts 3 Sports and Entertainment Marketing E-Commerce and Social Media	
	CAPS Program:	Business Administration and Management		

*Indicates new courses beginning in the 2017-18 school year.



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.




Draft - Arts & Communication Academy - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
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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 Digital Storytelling Sculpt It	Performance Production and Management	* Behind the Scenes: Production and Technical Design	Event Productions	Arts Administration
	Media Production and Recording	* Elements of Media Production	Music and Sound Recording Video Production	Media Studio
	Publishing and Online Media	* Writing for Media	Creative Publications and Journalism	Publishing Studio
	Creative Design	* Design Fundamentals	Digital Design 1 Fashion Merchandising and Design Interior Design Photography 1	Studio Market
	Additional Academy Elective Courses:	Rock Band Essentials Acting Stagecraft Digital Design 2		
	CAPS Program:	 Digital Design		

*Indicates new courses beginning in the 2017-18 school year.

Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

6th GRADE REQUIRED GATEWAY COURSE

HEROES

Grade: 6
Credit: 1/2 Credit - 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 Area of Interest through a visual art design process. Throughout the experience, students will explore different culture's heroes and incorporate their findings into their final product. Draw, Paint, Sculpt, and App your way through this action-packed course.

7TH & 8TH GRADE ELECTIVE OPTIONS

DIGITAL ART!

Grade: 7, 8
Credits: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

Do you like to play around on your 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 & photography. After exploring various digital tools and creative techniques you will create a digital design piece to be shown in a student produced art exhibition.

DIGITAL STORYTELLING

Grade: 7, 8
Credits: 1 Credit - Elective
Schedule: 1 semester

Do you tweet fifty times a day? Are you all over Instagram? Do you aspire to be a YouTube celebrity? Learn how to use your desire to tell stories and stay connected In Digital Storytelling, students with an interest in telling stories about their world and their school will learn how to move beyond social media and create publications in print, digital, and video formats. Make your voice be heard!

DRAW, PAINT, AND PRINT IT!

Grade: 7, 8
Credits: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

Hey you! Are you creative? Have you already figured out that you like to draw, paint or print? 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; painting, drawing, collage and printmaking. After trying these out, you will choose your favorite material to create a piece that you will display in the end-of-semester art show.

DROP A BEAT

Grade: 7, 8
Credits: 1 Credit - 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
Credits: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

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 fashion and interior design through hands-on projects from infinity scarves, up-cycling of clothing to designing your own space. Come explore your creative side.

SCULPT IT!

Grade: 7, 8
Credits: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

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 these out, you will choose your favorite material to create a piece that you will display in the end-of-semester art show.





**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.




Draft - Business & Entrepreneurship Courses - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
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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 1 Finance and Investments	Banking and Finance Management
	Entrepreneurship and Business Management	Business Dynamics	*Management and Leadership	Entrepreneurship
	Hospitality and Restaurant Management	Business Dynamics Culinary Arts 1	Hospitality Management *Culinary Arts 2	Event Management
	Marketing and Sales	Business Dynamics	Marketing	Marketing Strategies
	Additional Academy Elective Courses:	Accounting 2 Macroeconomics International Business and Law *Business Technology		
	CAPS Program:	 Business Administration and Management		

*Indicates new courses beginning in the 2017-18 school year.

Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

7th GRADE REQUIRED GATEWAY COURSE

THINK TANK

Grade: 7
Credits: 1/2 Credit - 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
Credits: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

In this class, students will come up with a problem they will need to solve by designing a product and creating a business plan using the design process. In addition to designing a product, students will work on company branding using logo design, package design, 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
Credits: 1 Credit - Elective
Schedule: 1 semester

Life would be so much easier if money did indeed grow on trees, but don't worry! This class will teach you how to manage your money so that you can make good, sound financial decisions now and for the future through fun and interactive ways such as designing, baking and selling a product for Snack Shop, playing the Stock Market Game and other hands-on activities.

TEEN CHEF

Grade: 7, 8
Credits: 1 Credit - Elective
Schedule: 1 semester

Have you ever watched the hit TV shows "Master Chef Junior", "Chopped", or "Top Chef"? Do you want to learn how to plan and prepare delicious meals just like the Pros? If you answered yes, this class is for you. Teen Chef will teach you the skills you need to be a "Top Chef" for the rest of your life, and explore the exciting field of culinary arts.



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.




Draft - Engineering & Manufacturing - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
---------------------	------------------	--

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 Middle School Electives (Grades 7 & 8): GTT: Architecture (PLTW) GTT: Design and Manufacturing (PLTW) GTT: Robotics (PLTW)	Architecture and Construction	Civil Engineering & Architecture (PLTW**) <i>Intro to Manufacturing</i>	Construction	<i>Construction Management and Development</i>
	Manufacturing and Fabrication Technologies	<i>Intro to Manufacturing</i>	<i>Welding and Metal Fabrication</i> <i>Wood Production Technologies</i>	<i>Manufacturing Design and Development</i>
	Engineering and Design	Intro to Engineering Design (PLTW**)	Principles of Engineering (PLTW**)	Engineering Design & Development (PLTW**)
	Transportation Technologies	Small Gas Engines	*Marine, Motorsport, and Outdoor Power Equipment	<i>Advanced Transportation Systems</i>
	Additional Academy Elective Courses:	Aerospace Engineering (PLTW) Computer Integrated Manufacturing (PLTW)		
	CAPS Program:	 <i>Future Programming To Be Determined</i>		

*Indicates new courses beginning in the 2017-18 school year.

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

Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

7th GRADE REQUIRED GATEWAY COURSE

TEEN ENGINEER

Grade:	7
Credits:	1/2 Credit - Required
Schedule:	1 Quarter
Fee:	Materials fee will apply

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
Credits:	1 Credit - Elective
Schedule:	1 Semester
Fee:	Materials fee will apply

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 about 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
Credits:	1 Credit - Elective
Schedule:	1 Semester
Fee:	Materials fee will apply

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
Credits:	1 Credit - Elective
Schedule:	1 Semester
Fee:	Materials fee will apply

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 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.




Draft - Health Sciences - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
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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	* Human Body Systems	Global Health & Disease Prevention	Community Health Promotions
	Exercise Science	* Human Body Systems	Exercise Physiology and Biomechanics	Sports Medicine and Rehabilitation
	Healthcare	* Human Body Systems	Principles of Biomedical Science (PLTW **)	Medical Simulation
	Additional Academy Elective Courses:	Medical Terminology Kinesiology: A Body in Motion * Nutrition for the Human Body CIS: Human Physiology, Technology, and Medical Devices		
	CAPS Program:	 Healthcare and Medicine		

*Indicates new courses beginning in the 2017-18 school year.

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Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

7th GRADE REQUIRED GATEWAY COURSE

SNACK ATTACK

Grade:	7
Credits:	½ Credit - Required
Schedule:	1 quarter

Are Hot Cheetos or Doritos your idea of a snack? Do you know that over 1/3 of your daily calories come from snacks? In this class you will explore the health sciences field through the lens of snacking by understanding nutritional concepts, preparing a variety of healthy snacks and analyzing nutritional needs.

7th and 8th GRADE ELECTIVE COURSES

2 FIT 2 QUIT

Grade:	7, 8
Credits:	1 Credit - Elective
Schedule:	1 semester

Have you ever wondered how the contestants of the “Biggest Loser” get into better shape? How professional athletes like Serena Williams or Lebron James stay in the game? Whether or not you have stepped foot into the gym, open your eyes to the world of physical therapy, personal training, and athletic medicine. 2 Fit 2 Quit will teach you how to improve your health and performance, understand the human body, and help others stay in the game of life.

CODE RED

Grade:	7, 8
Credits:	1 Credit - 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 health-care, 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
Credits:	1 Credit - 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.




Draft - Human Services - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
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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	Teaching and Educational Services	Intro to Human Development *Human Relations	Teacher Cadet 1	Teacher Cadet 2
	Law and Legal Services	*Criminal Justice and the Court	Trial Law and Justice Intermediate Criminal Justice	Advanced Legal Systems Advanced Criminal Justice
Middle School Electives (Grades 7 & 8): Law and Order Stand Up for Shako!	Public Service and Leadership	*Human Relations	Transformational Leadership	Public Advocacy and Change
	Social and Mental Health Services	Intro to Human Development	Mental Health Disorders	Social and Mental Health Services
	Additional Academy Elective Courses:	CIS Exploring Teaching Professions Student Ambassador Great Leadership Opportunities Instructional Technology Solutions		
	CAPS Program:	 Junior Reserve Officer Training Corp (JROTC)		
		*Advanced Child Development Family Dynamics International Politics and Law Social Psychology		

*Indicates new courses beginning in the 2017-18 school year.

Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

6th GRADE REQUIRED GATEWAY COURSE

BE THE CHANGE

Grade: 6
Credit: ½ Credit - Required
Schedule: 1 quarter

Students will investigate the areas of human services through self-exploration and understanding how their unique skills set can create positive change. Students will participate in hands on learning to increase their ability to communicate and solve problems in various environments. At the end of this course students will implement skills learned to address and resolve a real issue in their school and or community.

7th and 8th GRADE ELECTIVE COURSES

LAW AND ORDER:

Grades: 7, 8
Credit: 1 Credit - 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.

STAND UP FOR SHAKO!

Grade: 7, 8
Credit: 1 Credit - Elective
Schedule: 1 semester

Are you happy with your community? In this course you will create and implement a service project and learn what it takes to be an effective leader. By applying needs assessment strategies, you will determine a community or global issue, collaborate with your peers, and utilize conflict resolution skills to lead your team in making a change. It’s time to take a stand!





SCIENCE &
TECHNOLOGY

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.




Draft - Science & Technology - Draft



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

Course Title Key	Existing Courses	Potential Courses (Subject to Change)
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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 Middle School Electives (Grades 7 & 8): Invisible World of Science & Technology Apps Creation	Electrical Systems	*Electricity	Energy and Power Generation Circuit Design	Technology Design and Development
	Information Technology Solutions	Computer Science Principles (PLTW**) *Principles of Computer Hardware	Computer Hardware Applications	Technology Design and Development
	Computer Science	Computer Science Principles (PLTW**)	*Mobile OS Development *Web Development	Technology Design and Development
	Green Energy and Innovative Technologies	Limited Resources, Unlimited Energy	Innovative Solutions for Sustainable Development	Environmental Innovations
	Additional Academy Elective Courses:	Cyber Security Technology Design and Development 2 Computer Science Applications (PLTW) Food and Agriculture Sustainability CIS: Energy, Environment, and Society		
	CAPS Program:	 Future Programming To Be Determined		

*Indicates new courses beginning in the 2017-18 school year.

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Students in the Class of 2021 & Beyond will have to complete a 3 Course Program of Study

6th GRADE REQUIRED GATEWAY COURSE

PROGRAMMING IS ELECTRIC

Grade: 6
Credit: 1/2 Credit - Required
Schedule: 1 quarter
Fee: Materials fee will apply

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 programming.



7th and 8th GRADE ELECTIVE COURSES

APP CREATIONS

Grades: 7, 8
Credit: 1 Credit - 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.

THE INVISIBLE WORLD OF SCIENCE AND TECHNOLOGY

Grade: 7, 8
Credit: 1 Credit - Elective
Schedule: 1 semester
Fee: Materials fee will apply

Have you ever wondered how the unseen world affects your life? Scientists and engineers have unlocked the secrets of how science and technology can be used to identify and solve current real-world problems. Join us as we explore and discover the science and technology that encompasses the invisible components of the world we live in.

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 Junior High 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>.

High Potential (HP) Services

High Potential Services primarily support gifted learners and high-performing students by offering these kids of opportunities: grade acceleration, subject acceleration, advanced courses (including Honors, Accelerated, and Twice-Accelerated) and co-curricular activities.

Co-Curricular Activities

Knowledge Bowl

- Interdisciplinary academic competition
- Teams of students work cooperatively to solve oral and written round questions

Mock Trial

- Students participate in rehearsed trials to learn about the legal system in a competitive manner
- MN State Bar Association helps to adjudicate

Rube Goldberg Machine Contest (RGMC)

- An annual international competition challenging teams of students from middle school to college age to compete in building the most elaborate and hilarious Rube Goldberg Machine
- A Rube Goldberg Machine is an overly complex contraption, designed with humor and a narrative, to accomplish a simple task

Science Olympiads

- Academic “track” meets
- Consists of a series of 23 team events in genetics, earth science, chemistry, anatomy, physics, geology, astronomy, mechanical engineering and technology

More detailed information regarding specific course pathways can be found on the district’s High-Potential Services webpage (<http://shakopee.k12.mn.us/domain/50>)

AVID Program

AVID (Advancement Via Individual Determination) is a college readiness program and elective class held five days a week during the school day. It is offered to students who would like to prepare to attend four-year colleges or universities. Students participate in AVID voluntarily.

The curriculum includes writing, inquiry, collaboration, organization, reading, note-taking, study skills, test preparation and test taking skills, college/career/team building activities and visits to colleges and universities.

AVID students must complete an application and participate in an interview. If selected, they must sign an AVID Student Agreement and commit for a year to complete all of the required AVID work, take notes in all subject-area classes daily, use the AVID binder for all classes and participate in twice weekly small group tutorial sessions during the AVID elective class with AVID tutors.

Other requirements include good citizenship, appropriate classroom behavior, good attendance and 2.0 to 3.5 GPA. AVID students are required to take at least one advanced course. 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>.