

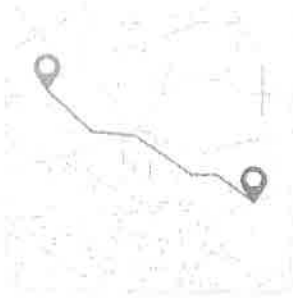


**SHAPE
YOUR
FUTURE**

START HERE



2024-2025



WELCOME

START HERE: PLANNING YOUR HIGH SCHOOL JOURNEY

Welcome to your course enrollment guide! It is designed to guide you as you develop a four-year plan of high school courses based on your interests and topics you want to explore. ***Please keep in mind that this plan can be changed or adjusted as you learn what interests you (and what doesn't).*** Mapping out a plan simply gets you to start thinking about what you want to explore to find the best fit for you. It is expected that you will change your mind along the way!

Choosing the right courses for **you** in high school is an important decision. Your course selections can help you figure out what you want to do post-high school. That's why it's important to take some time to think about your interests and goals before you start making decisions about your classes.

If you are a current 8th or 9th grade student, you'll want to make sure you have quick access to the interest inventory you took in MO Connections. This inventory will help you to identify your strengths, your career goals, and the topics you find most interesting. If you are a current 10th, 11th or 12th grade student and haven't taken an interest inventory, it might help you make decisions. Directions are included on page 8 so you can take the Self-Survey in MO Connections, if you wish. Once you have a good understanding of your interests, you can start to narrow down your course selections.

As you develop your four-year plan, keep the following things in mind:

- Graduation requirements--Rockwood's graduation requirements are outlined for you on page 3 of this guide.
- Your interests and goals--What subjects are you most interested in? What do you want to do after high school? Consider your interests and goals when choosing your courses.
- Your academic strengths and challenges--What subjects are you good at? What subjects are challenging for you? Choose courses that will challenge you but also allow you to succeed.
- Your future plans--What careers interest you? What post-high school training will you need to pursue them? Rockwood's coursework is connected to the MO Career Pathways and Career Clusters included on pages 12-17.

You will develop a draft of your four-year plan and enter your choices into the Infinite Campus Academic Planner. Then, your counselor will meet with you individually to make sure that your plan is realistic and achievable.

Choosing the right courses for high school is an important decision, but it doesn't have to be overwhelming. This guide is designed to help you make the best decisions for your future.



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9	Step 5: Choosing Your 9th -11th Electives
10	Step 6: Plan Your Senior Year

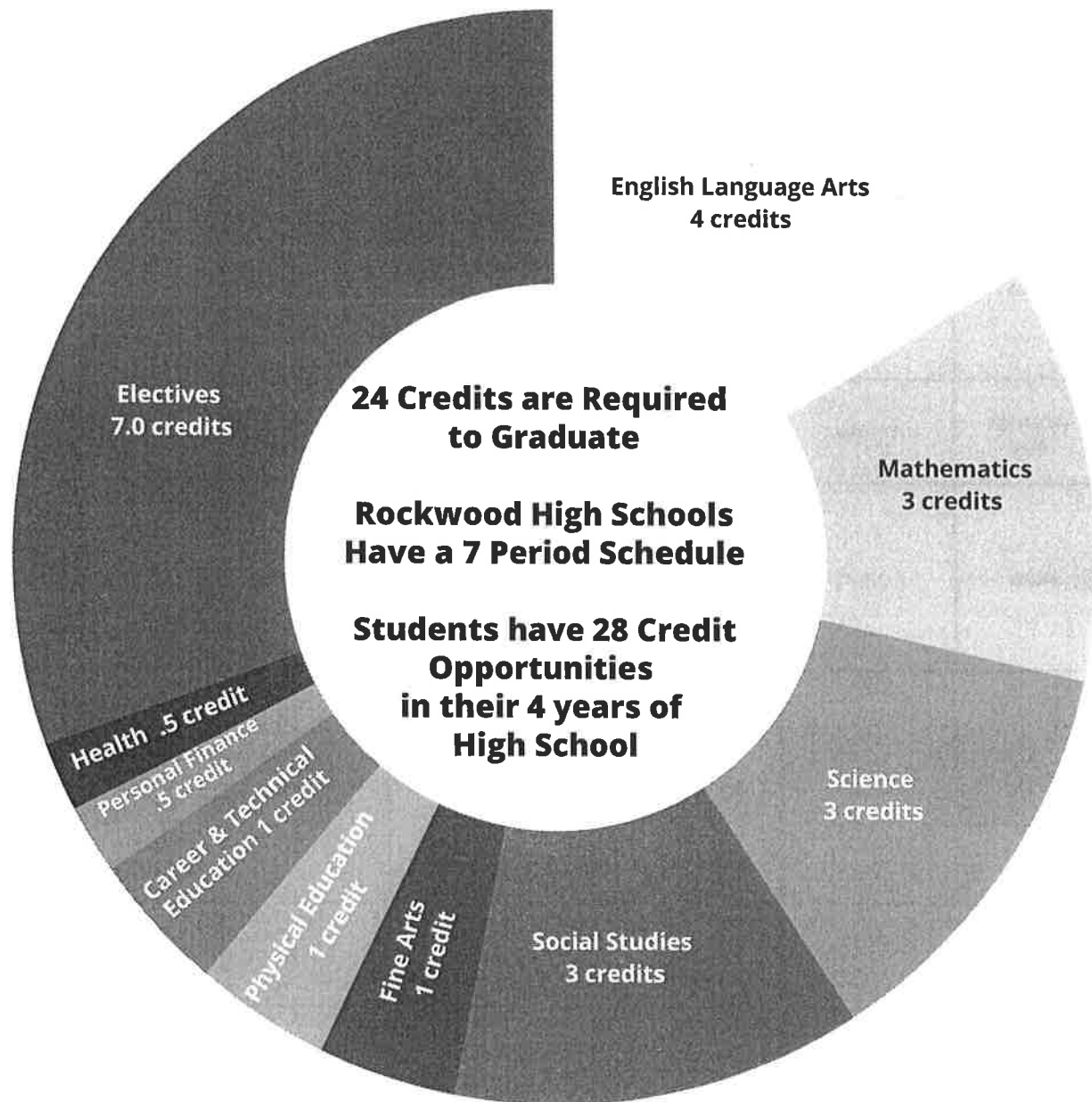
REFERENCE GUIDES: YOU MAY WANT TO PULL THESE PAGES OUT OF THE PACKET TO HAVE BESIDE YOU WHEN PLANNING

12-17	Career Pathways
18	College Credit Opportunities in High School
19	Missouri A+ Scholarship Program
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ADDITIONAL TOOLS AND IDEAS TO SUPPORT YOUR PLANNING

- Have your Infinite Campus Login accessible
- Use a pencil to fill out this packet so you can easily make changes
- Block out time to focus on completing this process
- Discuss your course choices and plans with a trusted adult

Rockwood Graduation Requirements



Examples of Fine Arts Classes

- Music
- Art
- Theatre

Examples of Career & Technical Education Classes

- Family & Consumer Sciences
- Business
- Industrial Technology
- Computer Science
- Project Lead the Way Biomedical and Engineering Courses

Common College Admission Requirements

Rockwood offers a variety of classes so you can explore, follow their interests, and prepare for life after high school. If you are considering attending college after high school, you may want to consider the courses that colleges typically want students to take in high school. This chart represents the schools Rockwood students commonly choose to attend post-high school. If the schools you are thinking about attending aren't listed below, visit their website or speak with an admissions counselor for details.

**Students who wish to play sports at the collegiate level need to make sure they enroll in NCAA-approved coursework.*

**Admission requirements are subject to change. The chart below was last updated in October 2023.*

Subject Area	Rockwood Graduation Requirement	University of MO System UM-Columbia UM-St. Louis UM-Kansas City MO-S & T	Missouri State University	St. Louis University	Washington University
Language Arts	4 credits	4 years	4 years	4 years	4 years
Math	3 credits	4 years (Algebra 1 or higher)	3 years (Algebra 1 or higher) All math must be at the college prep level	4 years	4 years (for Architecture, Business, and Engineering majors, Calculus is strongly recommended)
Science	3 credits	3 years (one must be a laboratory course)	3 years (one must be a laboratory course)	3 years	3-4 years of laboratory science (Chemistry and Physics is recommended for Engineering, Pre-medicine, and Natural Sciences majors)
Social Studies	3 credits	3 years	3 years	3 years	3-4 years
Fine Arts	1 credit	1 year	1 year		
World Language	Not required for Rockwood Graduation	2 years of the same language	2 years is encouraged	3 years strongly encouraged	At least 2 years of the same language starting in the 9th grade
Electives	7.0 credits		3 units must be from these areas: world language, math, ELA, social studies, science or computer science	3 years	

STEP 1: CHOOSE YOUR 9TH GRADE CORE COURSES

As you plan out your freshman year in high school, you'll need to choose 7 courses. The first choice you will need to make is deciding which core courses you would like to take. Here are some questions to ask yourself as you choose your core courses:

- Is this a subject that I really like? Would I like a challenge in this subject?
- Do I need to consider my activities outside of school to balance those with my school workload?
- Can I make a commitment to do the work needed to get the grade I want?

9TH GRADE CORE SEMESTER 1	9TH GRADE CORE SEMESTER 2
<p>9th Grade English—choose one:</p> <p><input type="checkbox"/> 9th Grade English Language Arts</p> <p><input type="checkbox"/> 9th Grade Accelerated English Language Arts</p> <p><input type="checkbox"/> 9th Grade Advanced Language Arts & Research Presentation</p>	<p>9th Grade English—choose one:</p> <p><input type="checkbox"/> 9th Grade English Language Arts</p> <p><input type="checkbox"/> 9th Grade Accelerated English Language Arts</p> <p><input type="checkbox"/> 9th Grade Advanced Language Arts & Research Presentation</p>
<p>9th Grade Social Studies—choose one:</p> <p><input type="checkbox"/> 9th Grade US History</p> <p><input type="checkbox"/> 9th Grade US History Honors</p>	<p>9th Grade Social Studies—choose one:</p> <p><input type="checkbox"/> 9th Grade US History</p> <p><input type="checkbox"/> 9th Grade US History Honors</p>
<p>9th Grade Science—choose one:</p> <p><input type="checkbox"/> Biology</p> <p><input type="checkbox"/> Honors Biology</p>	<p>9th Grade Science—choose one:</p> <p><input type="checkbox"/> Biology</p> <p><input type="checkbox"/> Honors Biology</p>
<p>9th Grade Math—Choices for math work a little differently because the skills build from year to year. Having the right pre-requisite course helps make sure you're ready for the next level of math.</p> <p>Choose one based on your 8th grade math course:</p> <ul style="list-style-type: none"> • If you took Math 8: <ul style="list-style-type: none"> <input type="checkbox"/> Algebra 1 OR <input type="checkbox"/> Algebra in Manufacturing, Production, Entrepreneurship and Design (AMPED) <i>(Must also take Business Management Processes)</i> • If you took Algebra 1: <ul style="list-style-type: none"> <input type="checkbox"/> Geometry OR <input type="checkbox"/> Honors Geometry OR <input type="checkbox"/> Geometry in Construction <i>(Must also take Construction)</i> • If you took Honors Geometry: <ul style="list-style-type: none"> <input type="checkbox"/> Honors Algebra 2 w/Trigonometry OR <input type="checkbox"/> Algebra 2 • If you took Honors Algebra 2 w/Trigonometry: <ul style="list-style-type: none"> <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 and Trigonometry 	<p>9th Grade Math—Choices for math work a little differently because the skills build from year to year. Having the right pre-requisite course helps make sure you're ready for the next level of math.</p> <p>Choose one based on your 8th grade math course:</p> <ul style="list-style-type: none"> • If you took Math 8: <ul style="list-style-type: none"> <input type="checkbox"/> Algebra 1 OR <input type="checkbox"/> Algebra in Manufacturing, Production, Entrepreneurship and Design (AMPED) <i>(Must also take Business Management Processes)</i> • If you took Algebra 1: <ul style="list-style-type: none"> <input type="checkbox"/> Geometry OR <input type="checkbox"/> Honors Geometry OR <input type="checkbox"/> Geometry in Construction <i>(Must also take Construction)</i> • If you took Honors Geometry: <ul style="list-style-type: none"> <input type="checkbox"/> Honors Algebra 2 w/Trigonometry OR <input type="checkbox"/> Algebra 2 • If you took Honors Algebra 2 w/Trigonometry: <ul style="list-style-type: none"> <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 and Trigonometry

STEP 2: CHOOSE YOUR 10TH GRADE CORE COURSES

As you plan out your sophomore year in high school, you'll need to choose 7 courses. The first choice you will need to make is deciding which core courses you would like to take.

Ask yourself these questions as you choose your core courses.

- Is this a subject that I really like? Do I want challenge in this subject?
- Do I need to consider my activities outside of school to balance those with my school workload?
- Can I make a commitment to do the work needed to get the grade I want?

Early College Partnership Opportunity



Students entering 10th grade may apply for the Early College Partnership through St. Louis Community College. To learn more about the program see page 18.

10TH GRADE CORE SEMESTER 1	10TH GRADE CORE SEMESTER 2
<p>10th Grade English—choose one:</p> <p><input type="checkbox"/> 10th Grade English Language Arts</p> <p><input type="checkbox"/> 10th Grade Accelerated English Language Arts</p> <p><input type="checkbox"/> 10th Grade Advanced Language Arts & Research Presentation</p>	<p>10th Grade English—choose one:</p> <p><input type="checkbox"/> 10th Grade English Language Arts</p> <p><input type="checkbox"/> 10th Grade Accelerated English Language Arts</p> <p><input type="checkbox"/> 10th Grade Advanced Language Arts & Research Presentation</p>
<p>10th Grade Social Studies—choose one:</p> <p><input type="checkbox"/> 10th Grade World History</p> <p><input type="checkbox"/> AP World History</p> <p><input type="checkbox"/> AP European History</p>	<p>10th Grade Social Studies—choose one :</p> <p><input type="checkbox"/> 10th Grade World History</p> <p><input type="checkbox"/> AP World History</p> <p><input type="checkbox"/> AP European History</p>
<p>10th Grade Science—choose one:</p> <p><input type="checkbox"/> Chemistry</p> <p><input type="checkbox"/> Honors Chemistry</p> <p><input type="checkbox"/> Physical Science</p>	<p>10th Grade Science—choose one:</p> <p><input type="checkbox"/> Chemistry</p> <p><input type="checkbox"/> Honors Chemistry</p> <p><input type="checkbox"/> Physical Science</p>
<p>10th Grade Math—<i>Choices for math work a little differently because the skills build from year to year. Having the right pre-requisite course helps make sure you're ready for the next level of math.</i></p> <p>Choose one based on your 9th grade math course:</p> <ul style="list-style-type: none"> • If you took Algebra 1: <ul style="list-style-type: none"> <input type="checkbox"/> Geometry OR <input type="checkbox"/> Honors Geometry OR <input type="checkbox"/> Geometry in Construction (<i>Must also take construction</i>) • If you took Geometry or Honors Geometry: <ul style="list-style-type: none"> <input type="checkbox"/> Honors Algebra 2 w/Trigonometry OR <input type="checkbox"/> Algebra 2 • If you took Algebra 2 (semester courses; choose 2) <ul style="list-style-type: none"> <input type="checkbox"/> Finite <input type="checkbox"/> Statistics <input type="checkbox"/> Trigonometry <input type="checkbox"/> Algebra 3 • If you took Honors Algebra 2 w/Trigonometry: <ul style="list-style-type: none"> <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 AND Trigonometry • If you took Precalculus: <ul style="list-style-type: none"> <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics 	<p>10th Grade Math—<i>Choices for math work a little differently because the skills build from year to year. Having the right pre-requisite course helps make sure you're ready for the next level of math.</i></p> <p>Choose one based on your 9th grade math course:</p> <ul style="list-style-type: none"> • If you took Algebra 1: <ul style="list-style-type: none"> <input type="checkbox"/> Geometry OR <input type="checkbox"/> Honors Geometry OR <input type="checkbox"/> Geometry in Construction (<i>Must also take construction</i>) • If you took Geometry or Honors Geometry: <ul style="list-style-type: none"> <input type="checkbox"/> Honors Algebra 2 w/Trigonometry OR <input type="checkbox"/> Algebra 2 • If you took Algebra 2 (semester courses; choose 2) <ul style="list-style-type: none"> <input type="checkbox"/> Finite <input type="checkbox"/> Statistics <input type="checkbox"/> Trigonometry <input type="checkbox"/> Algebra 3 • If you took Honors Algebra 2 w/Trigonometry: <ul style="list-style-type: none"> <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 AND Trigonometry • If you took Precalculus: <ul style="list-style-type: none"> <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics

STEP 3: CHOOSE YOUR 11TH GRADE CORE COURSES

As you plan out your junior year in high school, you'll need to choose 7 courses. The first choice you will need to make is deciding which core courses you would like to take. Here are some questions to ask yourself as you choose your core courses.

- Is this a subject that I really like? Do I want a challenge in this subject?
- Do I need to consider my activities outside of school to balance those with my school workload?
- Can I make a commitment to do the work needed to get the grade I want?

Opportunities to Earn College Credit in High School



Interested in earning college credit your junior or senior year? Check out the College Credit Options chart on page 18 of this packet.

11TH GRADE CORE SEMESTER 1	11TH GRADE CORE SEMESTER 2
<p>11th Grade English—choose on:</p> <p><input type="checkbox"/> 11th Grade English Language Arts <input type="checkbox"/> 11th Grade Concepts of Literature & Communication <input type="checkbox"/> AP English--Language & Composition <input type="checkbox"/> AP English--Literature & Composition</p>	<p>11th Grade English—choose one:</p> <p><input type="checkbox"/> 11th Grade English Language Arts <input type="checkbox"/> 11th Grade Concepts of Literature & Communication <input type="checkbox"/> AP English--Language & Composition <input type="checkbox"/> AP English--Literature & Composition</p>
<p>11th Grade Social Studies—choose one:</p> <p><input type="checkbox"/> US Government (plus one semester of SS elective before graduation) <input type="checkbox"/> AP Government & Politics</p>	<p>11th Grade Social Studies—choose one :</p> <p><input type="checkbox"/> US Government (plus one semester of SS elective before graduation) <input type="checkbox"/> AP Government & Politics</p>
<p>11th Grade Science—choose one full credit:</p> <p><input type="checkbox"/> Environmental Science <input type="checkbox"/> Geoscience <input type="checkbox"/> Authentic Applications of Biochemistry <input type="checkbox"/> Human Anatomy and Physiology <input type="checkbox"/> Forensic Science <input type="checkbox"/> AP Physics 1 <input type="checkbox"/> AP Physics 2 <input type="checkbox"/> AP Advanced Physics <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> AP Environmental Science <input type="checkbox"/> Concepts of Semi-Micro Qualitative Analysis & Organic Chemistry <input type="checkbox"/> Science Research 1 <input type="checkbox"/> Science Research 2 <input type="checkbox"/> Science Research 3 <input type="checkbox"/> Principles of Biomedical Science (Project Lead the Way) <input type="checkbox"/> Medical Interventions (Project Lead the Way) <input type="checkbox"/> Human Body Systems (Project Lead the Way)</p> <div style="text-align: center; margin-top: 10px;"> <p>See course descriptions and prerequisites on our website</p> <p>Scan Me</p> </div>	<p>11th Grade Science—choose one full credit :</p> <p><input type="checkbox"/> Environmental Science <input type="checkbox"/> Geoscience <input type="checkbox"/> Authentic Applications of Biochemistry <input type="checkbox"/> Human Anatomy and Physiology <input type="checkbox"/> Forensic Science <input type="checkbox"/> AP Physics 1 <input type="checkbox"/> AP Physics 2 <input type="checkbox"/> AP Advanced Physics <input type="checkbox"/> AP Biology <input type="checkbox"/> AP Chemistry <input type="checkbox"/> AP Environmental Science <input type="checkbox"/> Concepts of Semi-Micro Qualitative Analysis & Organic Chemistry <input type="checkbox"/> Science Research 1 <input type="checkbox"/> Science Research 2 <input type="checkbox"/> Science Research 3 <input type="checkbox"/> Principles of Biomedical Science (Project Lead the Way) <input type="checkbox"/> Medical Interventions (Project Lead the Way) <input type="checkbox"/> Human Body Systems (Project Lead the Way)</p>
<p>11th Grade Math Choose based on your 10th grade math course:</p> <ul style="list-style-type: none"> • If you took Algebra 1: <input type="checkbox"/> Geometry OR <input type="checkbox"/> Geometry in Construction • If you took Geometry or Geometry Honors: <input type="checkbox"/> Algebra 2 OR <input type="checkbox"/> Honors Algebra 2 w/Trigonometry • If you took Algebra 2: (semester courses; pick 2) <input type="checkbox"/> Finite <input type="checkbox"/> Statistics <input type="checkbox"/> Algebra 3 <input type="checkbox"/> Trigonometry • If you took Honors Algebra 2 w/Trigonometry: <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 and Trig • If you took Algebra 3 and Trigonometry: <input type="checkbox"/> Precalculus • If you took Precalculus: <input type="checkbox"/> AP Calculus AB OR <input type="checkbox"/> AP Calculus BC OR <input type="checkbox"/> AP Statistics 	<p>11th Grade Math Choose based on your 10th grade math course:</p> <ul style="list-style-type: none"> • If you took Algebra 1: <input type="checkbox"/> Geometry OR <input type="checkbox"/> Geometry in Construction • If you took Geometry or Geometry Honors: <input type="checkbox"/> Algebra 2 OR <input type="checkbox"/> Honors Algebra 2 w/Trigonometry • If you took Algebra 2: (Semester courses; pick 2) <input type="checkbox"/> Finite <input type="checkbox"/> Statistics <input type="checkbox"/> Finite <input type="checkbox"/> Trigonometry • If you took Honors Algebra 2 w/Trigonometry: <input type="checkbox"/> Precalculus OR <input type="checkbox"/> Algebra 3 and Trig • If you took Algebra 3 and Trigonometry: <input type="checkbox"/> Precalculus • If you took Precalculus: <input type="checkbox"/> AP Calculus AB OR <input type="checkbox"/> AP Calculus BC OR <input type="checkbox"/> AP Statistics

STEP 3: CONSIDER YOUR INTERESTS TO HELP GUIDE YOUR ELECTIVE CHOICES

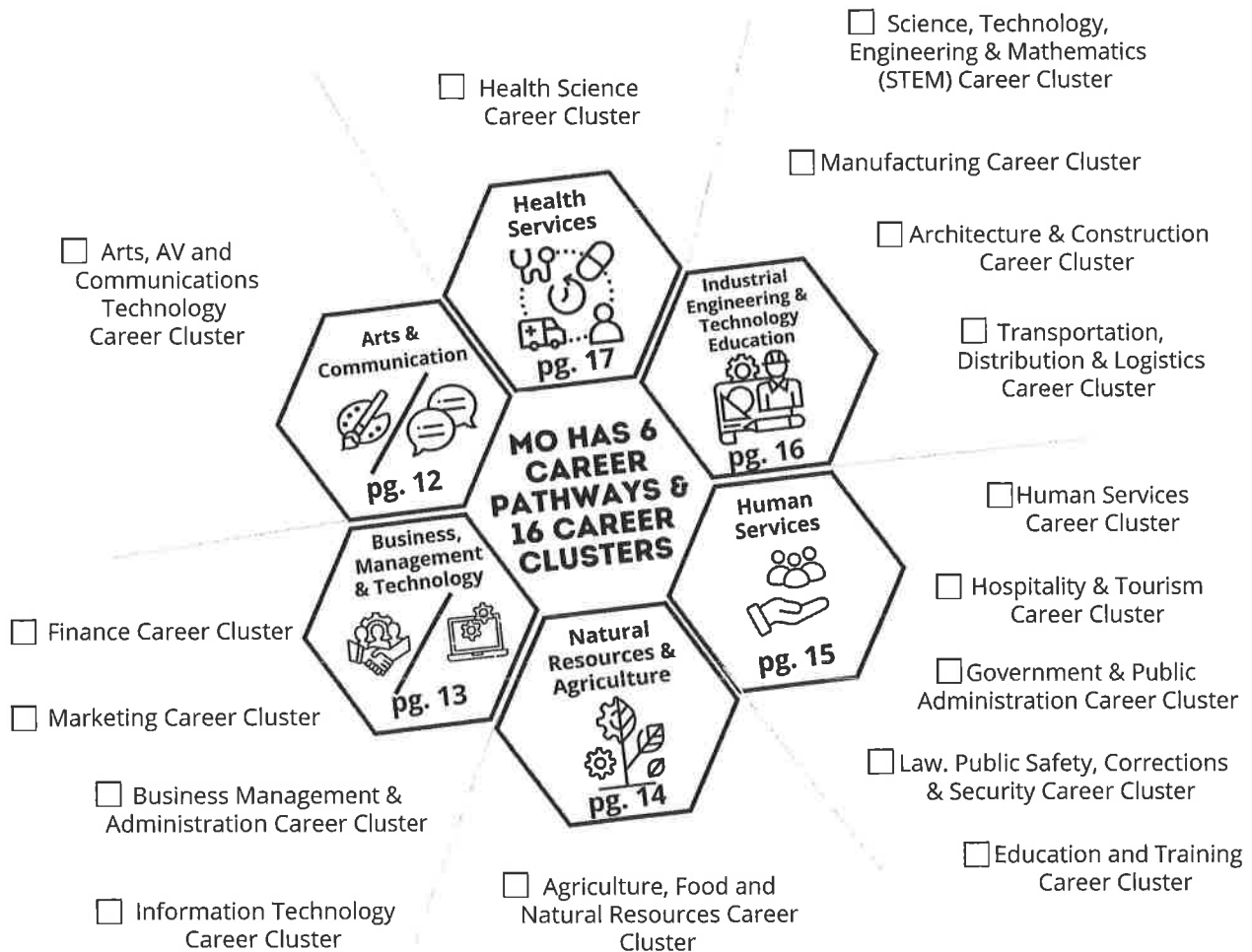
REVIEW YOUR INTEREST INVENTORY FROM MO CONNECTIONS (CURRENT 8TH & 9TH GRADE STUDENTS)



TAKE A SELF-SURVEY IN MO CONNECTIONS TO EXPLORE YOUR INTERESTS (CURRENT 10TH & 11TH GRADE STUDENTS)

1. Login to Clever
2. Access the links for MO Connections
<https://portal.missouriconnections.org/>
3. Go to *Self Survey Results* menu option to access your Top 3 Career Clusters from 8th grade
4. Review the Career Clusters that match your survey results. Check your Top 3 Career Clusters on the graphic below
5. Find the Career Pathways sheets in this packet that include your Top 3 Career Clusters. Review the courses you might want to explore to see whether the Career Pathway and Career Clusters are a good fit for you.

1. Login to Clever
2. Access the links for MO Connections
<https://portal.missouriconnections.org/>
3. To complete the Career Cluster Inventory, click the *Self-Surveys* menu option and select *Career Cluster Inventory*. Then click *Start* to begin the survey.
4. Go to *Self Survey Results* menu option to access your Top 3 Career Clusters
5. Review the Career Clusters that match your survey results. Check your Top 3 Career Clusters on the graphic below
6. Find the Career Pathways sheets in this packet that include your Top 3 Career Clusters. Review the courses you might want to explore to see whether the Career Pathway and Career Clusters are a good fit for you.



STEP 5: CHOOSE YOUR 9TH-11TH GRADE ELECTIVES

The rest of your schedule is up to you. Think about your interest inventory results, your interests and areas you might want to learn more about as you explore the elective courses open to you at each grade level (see the course maps at the back of this packet for reference). You have the opportunity to take 3 full credits of electives each year.

9TH GRADE ELECTIVES SEMESTER 1	9TH GRADE ELECTIVES SEMESTER 2

10TH GRADE ELECTIVES SEMESTER 1	10TH GRADE ELECTIVES SEMESTER 2

11TH GRADE ELECTIVES SEMESTER 1	11TH GRADE ELECTIVES SEMESTER 2

ELECTIVES ALTERNATES SEMESTER 1	ELECTIVES ALTERNATES SEMESTER 2



Don't forget that the graduation requirements that need to be worked into your electives. It's better to take these sooner rather than later.

- Personal Fitness & Wellness=.5 credit
- PE Elective=.5 credit
- Health=.5 credit
- Career & Technical Education (CTE)=1 credit
examples:
 - Business Courses
 - Foods Courses
 - Child Development Courses
 - Industrial Technology Courses
 - Pre-Engineering Courses (PLTW)
- Fine Arts=1 credit
- Personal Finance=.5 credit

STEP 6: PLAN YOUR SENIOR YEAR

As you plan out your senior year in high school, your focus needs to be on making sure you have all of your graduation requirements in place. Here are few things to consider:

- Do you have 4 credits of Language Arts?
- Do you have all graduation requirements?
- Do you want to make space in your schedule to earn college credit before you graduate?

12TH GRADE SEMESTER 1	12TH GRADE SEMESTER 2
<p>Choices for the 4th English Credit to meet graduation requirements</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rockwood Semester Electives <input type="checkbox"/> AP English--Language & Composition <input type="checkbox"/> AP English--Literature & Composition <input type="checkbox"/> 12th Grade Career Communication & Composition <input type="checkbox"/> Dual Credit <input type="checkbox"/> I already have 4 credits of English 	<p>Choices for the 4th English Credit to meet graduation requirements</p> <ul style="list-style-type: none"> <input type="checkbox"/> Rockwood Semester Electives <input type="checkbox"/> AP English--Language & Composition <input type="checkbox"/> AP English--Literature & Composition <input type="checkbox"/> 12th Grade Career Communication & Composition <input type="checkbox"/> Dual Credit <input type="checkbox"/> I already have 4 credits of English
<p>Have I completed all of the following graduation requirements? (Incomplete coursework needs to be scheduled this year)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Personal Finance (.5 credits) <input type="checkbox"/> Fine Arts (1.0 credit) <input type="checkbox"/> Practical Arts (1.0 credit) <input type="checkbox"/> Personal Fitness and Wellness (.5 credit) <input type="checkbox"/> Physical Education Elective (.5 credit) <input type="checkbox"/> Health (.5 credit) 	<p>Have I completed all of the following graduation requirements? (Incomplete coursework needs to be scheduled this year)</p> <ul style="list-style-type: none"> <input type="checkbox"/> Personal Finance (.5 credits) <input type="checkbox"/> Fine Arts (1.0 credit) <input type="checkbox"/> Practical Arts (1.0 credit) <input type="checkbox"/> Personal Fitness and Wellness (.5 credit) <input type="checkbox"/> Physical Education Elective (.5 credit) <input type="checkbox"/> Health (.5 credit)
<p>Do I want to earn college credit before I leave high school?</p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Options <input type="checkbox"/> Dual Credit Options <input type="checkbox"/> Dual Enrollment Options <input type="checkbox"/> Make it Count <input type="checkbox"/> Individual courses 	<p>Do I want to earn college credit before I leave high school?</p> <ul style="list-style-type: none"> <input type="checkbox"/> AP Options <input type="checkbox"/> Dual Credit Options <input type="checkbox"/> Dual Enrollment Options <input type="checkbox"/> Make it Count <input type="checkbox"/> Individual courses

See English elective options and course descriptions

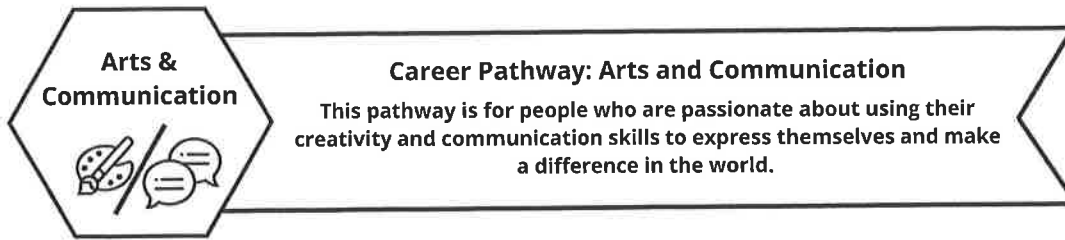


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MY SENIOR YEAR SCHEDULE

Map out your senior year based on your thinking from page 10.

Semester 1	Semester 2
1	1
2	2
3	3
4	4
5	5
6	6
7	7



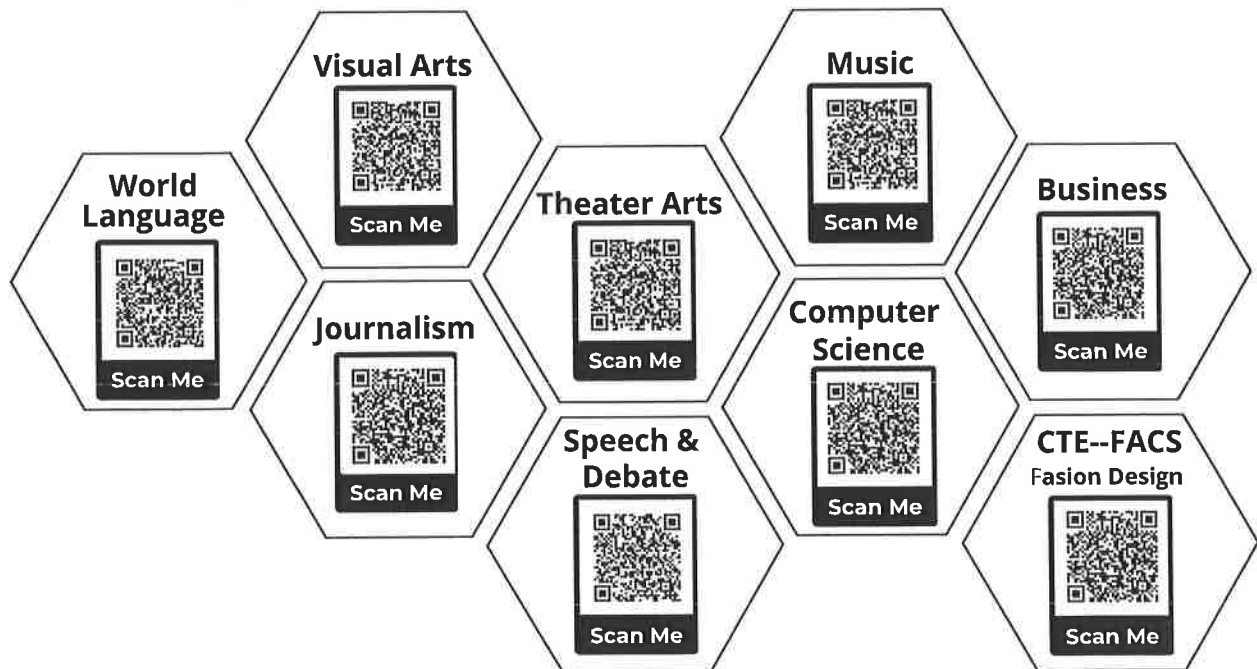
If you are interested in a career in the arts or communications, here are some things you can do in high school to learn whether it is the best fit for you:

- Take classes connected to this career path: art classes, music classes, drama classes, or journalism classes.
- Get involved in extracurricular activities related to this career pathway. You could join the school newspaper or theater productions, speech and debate team or participate in art competitions.
- Volunteer your time to arts and communications organizations in your community. This is a great way to gain experience and make connections with people in the field.
- Take advantage of summer programs and internships through Rockwood's Partners in Education program (PIE). This is a great way to learn more about different careers in Arts & Communication and to gain valuable experience.


Here are some specific examples of careers in the Arts and Communication pathway:

- Visual arts: painter, sculptor, photographer, graphic designer, interior designer, fashion designer
- Performing arts: actor, dancer, singer, musician
- Journalism and broadcasting: news reporter, editor, producer, director
- Audio/video technology: broadcast technician, videographer, audio engineer
- Print technology: graphic designer, printer, publisher

Explore Rockwood Courses That Connect to This Pathway



**Business,
Management
& Technology**



Career Pathway: Business, Management & Technology

This pathway is for students who are passionate about using their leadership, creativity, problem-solving skills, and technological expertise to make a difference in the world.

If you are interested in a career in business, management and technology, here are some things you can do in high school to learn whether it is the best fit for you:


- Take classes connected to this career pathway: business classes, computer science classes, marketing classes, entrepreneurship, or accounting classes.
- Get involved in extracurricular activities related to your interests. For example, you could start your own business, or participate in competitions with DECA, FBLA, or robotics.
- Volunteer your time to business organizations in your community. This is a great way to gain experience and make connections with people in the field.
- Take advantage of summer programs and internships through Rockwood's Partners in Education program (PIE). This is a great way to learn more about different careers in business, management and technology and to gain valuable experience.

Here are some specific examples of careers in the Business Management and Technology career pathway:

- Business administration: manager, supervisor, CEO, COO, CFO
- Management: project manager, operations manager, supply chain manager, human resources manager
- Entrepreneurship: founder, CEO, small business owner, freelancer
- Marketing: marketing manager, product manager, social media manager, content marketing manager
- Finance: financial analyst, accountant, investment banker, financial planner
- Accounting: accountant, auditor, bookkeeper, tax accountant
- Information technology: software engineer, web developer, data analyst, cybersecurity analyst, IT manager
- E-commerce: e-commerce manager, digital marketer, SEO specialist, PPC specialist


Explore Rockwood Courses That Connect to This Pathway

Business




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Math
AMPED--Algebra 1

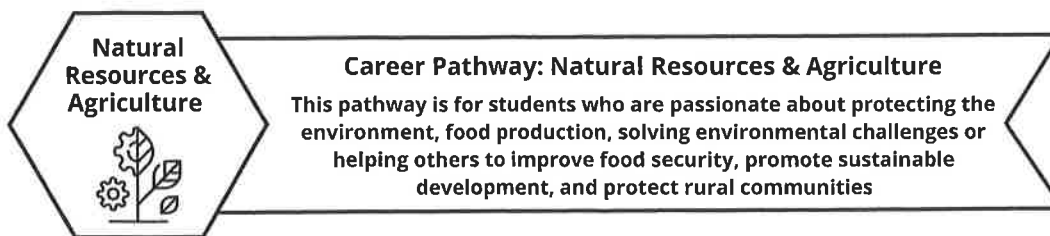


Scan Me

**Computer
Science**



Scan Me



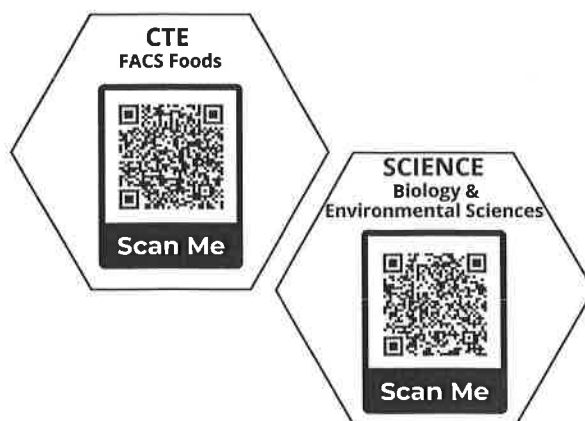
If you are interested in a career in Natural Resources and Agriculture, here are some things you can do in high school to learn whether it is the best fit for you:

- Take classes connected to this career pathway: science classes, math classes, foods classes, or environmental science classes.
- Get involved in extracurricular activities related to your interests. For example, you could join the school environmental club, participate in science fairs, or volunteer at a local farm or environmental organization.
- Take advantage of summer programs and internships through Rockwood's Partners in Education program (PIE). This is a great way to learn more about different careers in natural resources and agriculture and to gain valuable experience.


Here are some specific examples of careers in the Natural Resources and Agriculture career pathway:

- Environmental science: environmental scientist, ecologist, conservation biologist, wildlife biologist, marine biologist
- Agriculture: agronomist, animal scientist, dairy scientist, horticulturalist, food scientist, agricultural engineer
- Forestry: forester, timber management specialist, forest fire management specialist, forest research scientist
- Wildlife biology: wildlife biologist, wildlife manager, wildlife research scientist, conservation biologist
- Fisheries management: fisheries biologist, fisheries manager, fisheries research scientist, fisheries enforcement officer
- Water resources management: water resources engineer, hydrologist, water resources manager, water quality specialist
- Soil science: soil scientist, soil conservationist, soil research scientist
- Food science: food scientist, food technologist, food engineer, food quality assurance specialist
- Agricultural engineering: agricultural engineer, irrigation engineer, food processing engineer

Explore Rockwood Courses That Connect to This Pathway



Human Services



Career Pathway: Human Services

This pathway is for students who are passionate helping others in a wide range of careers, including human services, government and public administration, law, public safety, corrections and education, and training.

If you are interested in a career in Human Services, here are some things you can do in high school to learn whether it is the best fit for you:


- Take classes connected to this career pathway: psychology, sociology, cadet teaching, child development or law classes.
- Get involved in extracurricular activities related to your interests. For example, you could join the school student council, debate team, or mock trial team. You could also volunteer at a local soup kitchen, homeless shelter, or youth center.
- Take advantage of summer programs and internships through Rockwood's Partners in Education program (PIE). This is a great way to learn more about different careers in Human Services to gain valuable experience.

Here are some specific examples of careers in the Human Services career pathway:

- Social worker, Counselor, Psychologist
- Teacher, School counselor, College professor
- Vocational rehabilitation counselor, Job developer, Case manager, Youth worker
- Police officer, Firefighter
- Correctional officer, Probation officer, Parole officer
- Lawyer, Judge


Explore Rockwood Courses That Connect to This Pathway

**CTE
FACS Child
Development**




Scan Me

**WORLD
LANGUAGE**




Scan Me

**SOCIAL
STUDIES**




Scan Me

**AIR FORCE
JR ROTC
(MHS & LHS)**




Scan Me

**COMMUNITY
SERVICE CLASS**




Scan Me

**CADET
TEACHING
CLASS**



Scan Me

Industrial Engineering & Technology Education



Career Pathway: Industrial Engineering & Technology Education

This pathway is for students who are passionate about analyzing and solving complex technical or mechanical problems, using their hands to build things, designing structures with safety in mind, and paying close attention to details.

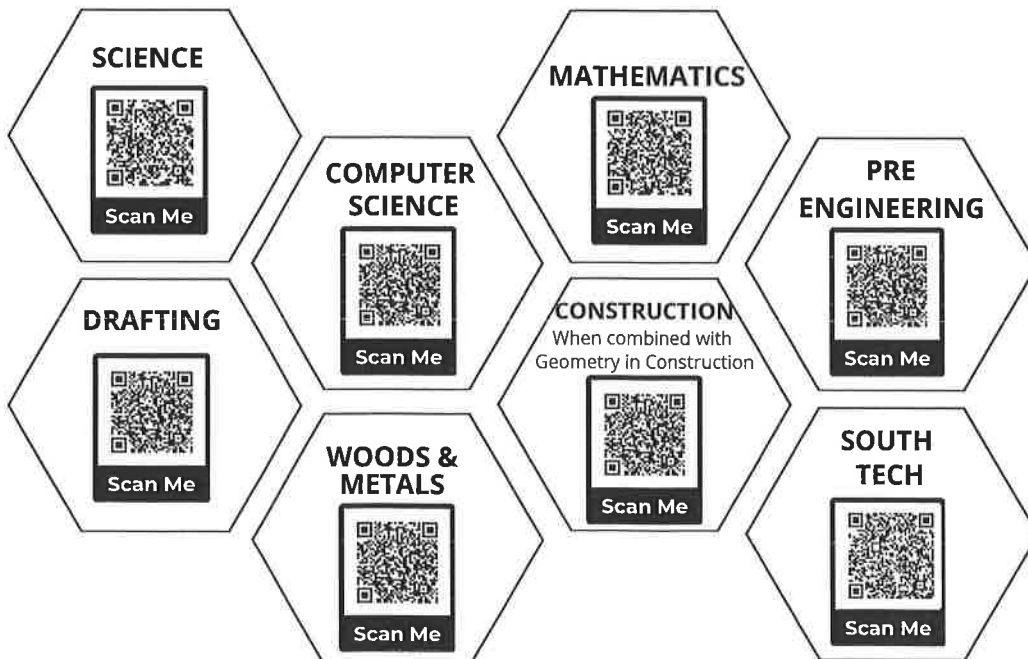
If you are interested in a career in Industrial Engineering & Technology Education here are some things you can do in high school to learn whether it is the best fit for you:

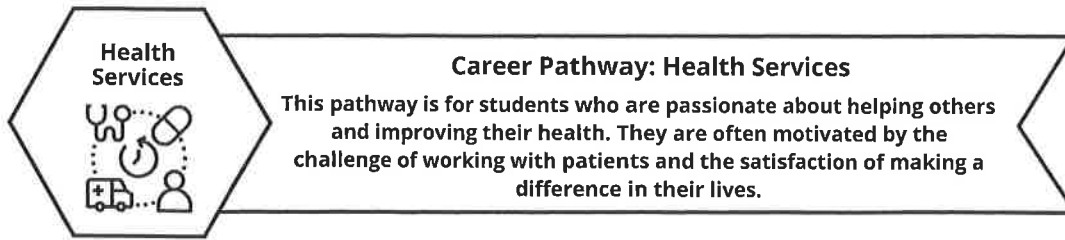
- Take classes in your areas of interest. This could include math classes, science classes, technology classes, or engineering classes.
- Get involved in extracurricular activities related to your interests. For example, you could join the school robotics club, participate in engineering competitions, or volunteer at a local construction site.
- Take advantage of summer programs and internships through Rockwood’s Partners in Education program (PIE). This is a great way to learn more about different careers in Industrial Engineering & Technology Education to gain valuable experience.

Here are some specific examples of careers in the Industrial Engineering & Technology Education career pathway:

- Industrial engineering, Manufacturing engineering, Construction engineering, Mechanical engineering, Electrical engineering, Civil engineering
- Architect
- Plumber, Electrician, Carpenter, Welder
- Machinist
- HVAC technician

Explore Rockwood Courses and Programs That Connect to This Pathway





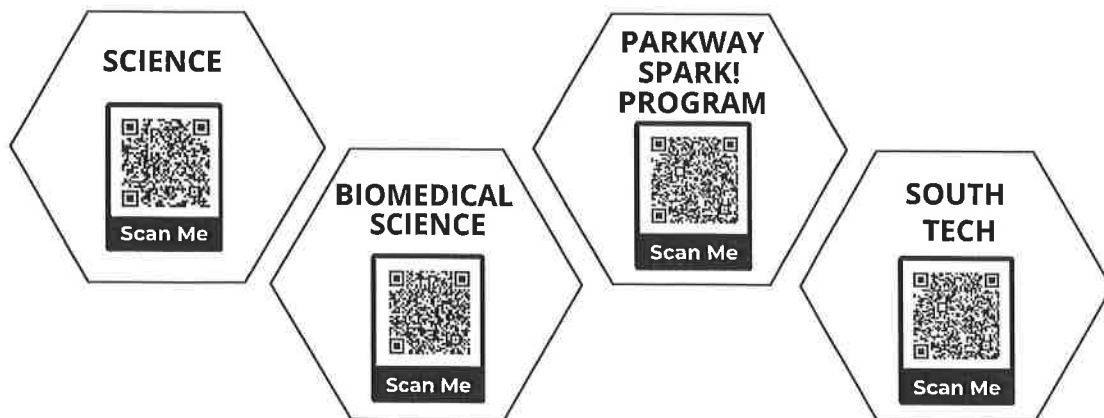
If you are interested in a career in the Health Services career pathway, here are some ideas for things you can do in high school to learn whether it is the best fit for you:

- Take classes connected to this career pathway: biology, chemistry, anatomy, physiology, and nutrition classes. You could also take classes in psychology, sociology, and ethics to learn more about the social and emotional aspects of healthcare.
- Get involved in extracurricular activities related to your interests. For example, you could join the school health club HOSA, volunteer at a local hospital or clinic, or shadow a healthcare professional. You could also participate in research projects, the Parkway Spark! medical strand internships related to healthcare or South Tech medical strand courses.
- Take advantage of summer programs and internships through Rockwood's Partners in Education program (PIE). This is a great way to learn more about different careers in Industrial Engineering & Technology Education to gain valuable experience.

Here are some specific examples of careers in the Health Services career pathway:

- Doctor, Nurse, Dentist
- Pharmacist
- Physical therapist, Occupational therapist, Speech therapist
- Medical technician, Medical assistant
- Phlebotomist, Anesthetician
- Radiographer, Sonographer
- Paramedic, Emergency medical technician

Explore Rockwood Courses and Programs That Connect to This Pathway



COLLEGE CREDIT OPPORTUNITIES FOR HIGH SCHOOL STUDENTS


Rockwood offers several different ways for you to earn college credit while still in high school. Every student is different, so

AP Coursework



- Rockwood teachers in Rockwood classrooms
- Students pay to take the AP test at the end of the year
- If student scores a "3" or above on the AP Exam, they may be awarded college credit.
- Awarding of college credit varies among post-secondary institutions
- See the AP College Board Website for more details: apstudents.collegeboard.org
- Make sure you discuss AP Coursework with your counselor when you review your academic plan

Dual Credit

- Rockwood teachers in Rockwood classrooms
- Availability is dependent on teacher credentials; courses may not be offered at all high schools
- Students pay a reduced rate to receive credit from a partnering college or university
- Credit is granted on completion of the course
- Transfer of college credit varies among post-secondary institutions
- Look for Rockwood Course Descriptions with this symbol  Dual Credit
- Make sure you discuss Dual Credit with your counselor when you review your academic plan

Dual Enrollment



- Community college instructors on the community college campus
- Course choices must be included in the Core 42
- Students pay a reduced rate to receive credit from St. Louis Community College
- Transfer of college credit varies among post-secondary institutions
- Learn more about by visiting the STLCC website: stlcc.edu/admissions/college-credit-in-high-school/dual-enrollment.aspx
- Make sure you discuss Dual Enrollment with your counselor when you review your academic plan

Early College Program



- Community college instructors on the community college campus
- Applications with specific requirements are required to enroll in this program
- Students pay a reduced rate for coursework
- Students enroll full time at St. Louis Community College Wildwood to take courses off campus with STLCC staff.
- At graduation, students receive an Associate's Degree AND a high school diploma
- Learn more by visiting the STLCC website: stlcc.edu/admissions/college-credit-in-high-school/early-college.aspx
- Make sure you discuss the Early College Program with your counselor when you review your academic plan

Make it Count



- Community college instructors on the community college campus
- Course choices must be included in the Core 42
- Applications with specific requirements are required to enroll in this program
- Students pay a reduced rate for coursework
- Students enroll full time at St. Louis Community College Wildwood the final semester of their senior year to take courses off campus with STLCC staff
- Learn more by visiting the STLCC website: stlcc.edu/admissions/college-credit-in-high-school/makeitcount.aspx
- Make sure you discuss Make it Count with your counselor when you review your academic plan

CONSIDER WHETHER THE A+ SCHOLARSHIP PROGRAM WOULD BENEFIT YOU



What is the A+ Program?

The A+ Scholarship Program is offered by the [Missouri Department of Higher Education and Workforce Development](#) and provides scholarship funds to eligible graduates of A+ designated high schools who attend a participating public community college or vocational/technical school, or certain private two-year vocational/technical schools. All four Rockwood high schools are A+ designated high schools.

Students interested in submitting an application for the A+ scholarship, should keep in mind all of the eligibility criteria:

- Have a completed A+ Enrollment form on file (see your school's A+ coordinator's webpage)
 - Students must enroll in the A+ program no later than January 31st of their senior year
- Graduate from an A+ designated high school and attend an A+ designated high school for two years prior to graduation.
- Graduate with an unweighted, unrounded GPA of 2.5 on a 4.0 scale.
- Maintain at least a 95% cumulative attendance record in grades 9 - 12.
- Achieve the math proficiency requirement with a score of advanced or proficient on the Algebra 1 End of Course Exam or qualifying ACT score with sliding GPA combination.
- Perform 50 hours of unpaid & preapproved tutoring and/or mentoring with Rockwood students under Rockwood staff supervision.
- Maintain a record of good citizenship and avoid the use of alcohol and unlawful drugs
- Have less than 6 days of school suspension.
- Make a good faith effort to apply for non-payback financial aid by completing the FAFSA (Free Application for Federal Student Aid).




Students who are interested in the A+ Program should speak with the A+ Coordinator from their high school and/or visit the A+ page on their school's website for more details.

PERSONALIZED PROGRAMS YOU MAY WANT TO CONSIDER

Visit the Personalized Learning Site to Learn more



Rockwood offers three personalized programs that allow students to explore their interests for credit. If you are interested in one of these programs, talk with your counselor about how it can be worked into your academic plan. To learn more about each program, use the QR code to visit the Rockwood website.

	<p>South Tech High School prepares students for our ever-changing work force through programs including:</p> <ul style="list-style-type: none"> • Advanced Manufacturing • Information Technology & Graphic Communications • Construction • Design & Entrepreneurship • Cosmetology • Culinary Arts • Early Childhood Education • Dental Services • Health Services • Pharmacy Services • Veterinary Assistant • Firefighting & EMT • Law Enforcement • Auto Body • Automotive Technology
	<p>The Partners in Education Summer Internship program is a unique, unpaid summer internship opportunity that places students in a career area of their interest. The program is offered to qualified Rockwood juniors in the summer leading into their senior year of high school. In this program, students</p> <ul style="list-style-type: none"> • Explore careers while gaining practical, real-world experience in a field of interest • Partner with a business professional in the student's area of interest. • Complete a custom-designed project developed by the Internship Program Manager with input from the business partner. • Receive 1/2 of a CTE credit after documenting a minimum of 75 hours on their projects. The program includes student observation, research, meetings and interviews at the business site. The project culminates in a presentation by the students to the business team and Rockwood staff.
	<p>Spark! provides students in the Rockwood and Parkway School Districts with dynamic, immersive learning experiences to ensure students can understand and respond to an ever-changing world. The districts actively engage and work collaboratively with business partners, community service and educational leaders to design and develop mutually beneficial learning experiences based on the interests of students and stakeholders.</p> <p>Spark! is an inaugural member of the CAPS Network. Programs such as Spark! are nationally recognized, innovative high school programs where students can fast forward into their future.</p> <p>Spark! Strands</p> <ul style="list-style-type: none"> • Incubator • Pre-Professional Health Sciences Academy • Teaching and Learning • Technology Solutions • Engineering • Bioscience • Sports Medicine

Rockwood Course Maps

These course maps were designed to provide a 9th grade-12th grade view of the courses offered in each content area. They can help you see what courses are available and how learning in each content area builds from year to year. The maps can help in planning to see what courses are offered, how they progress, and how they are connected. Note that courses may have prerequisites for enrollment. To review course descriptions and prerequisites, scan the QR code.

Core Content Course Maps—English Language Arts, Social Studies, Math and Science

English Language Arts Course Map —4 Credits needed for Graduation			
9th Grade Core Course Options	10th Grade Core Course Options	11th Grade Core Course Options	12th Grade Course Options:
<ul style="list-style-type: none"> 9th Grade English Language Arts 9th Grade Accelerated English Language Arts 9th Grade Advanced Language Arts Research Presentation 	All courses open to 9th Grade students AND these additional courses: <ul style="list-style-type: none"> 10th Grade English Language Arts 10th Grade Accelerated English Language Arts 10th Grade Advanced Language Arts Research Presentation 	All courses open to 9th and 10th Grade students AND these additional courses: <ul style="list-style-type: none"> 11th Grade English Language Arts 11 Concepts of Literature and Communication AP Literature and Composition AP Language and Composition 	All courses open to 9th-11th Grade students AND these additional courses: <ul style="list-style-type: none"> 12th Grade Career Communication & Composition Multicultural Literature Popular Literature Introduction to College Literature Introduction to College Writing Topics in College Literature: Contemporary Novels Introduction to College Literature Introduction to College Writing Topics in College Literature: Contemporary Novels
Electives Open to 9th Grade Students Journalism Writing and Reporting	Electives Open to 10th Grade Students Journalism Writing and Reporting	Electives Open to 11th Grade Students All courses open to 9th & 10th Grade students AND these additional course <ul style="list-style-type: none"> Creative Writing Black Literature Science Fiction Literature Sports Literature & Writing 	



View Language Art course prerequisites and course descriptions on our website.





Social Studies Course Map—3 Credits Required for Graduation

9th Grade Core Course Options	10th Grade Core Course Options	11th Grade Core Course Options
<ul style="list-style-type: none"> ● US History ● Honors US History <p>Electives Open to 9th Grade Students</p> <ul style="list-style-type: none"> ● Civil War and Reconstruction ● AP Human Geography 	<p>All courses open to 9th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● World History ● AP World History ● AP European History <p>Electives Open to 10th Grade Students:</p> <p>All courses open to 9th grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Economics and Personal Finance ● Law and Justice 	<p>All courses open to 9th and 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● US Government ● AP Government and Politics <p>Electives Open to 11th & 12th Grade Students</p> <p>All courses open to 9th & 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Sociology ● Psychology ● Contemporary Issues ● Politics and Conflict ● AP Economics & Personal Finance ● AP US History ● AP Psychology

View Social Studies course prerequisites and course descriptions on our website.



Science Course Map–3 Credits Required for Graduation

9th Grade Course Options	10th Grade Course Options	11th Grade Course Options	12th Course Options
<ul style="list-style-type: none"> • Biology • Honors Biology 	<p>All courses open to 9th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> • Chemistry • Honors Chemistry • Physical Science 	<p>All courses open to 9th & 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> • Environmental Science • Geoscience • Authentic Applications of Biochemistry • Human Anatomy and Physiology • Forensic Science • AP Physics 2 • AP Advanced Physics • AP Biology • AP Chemistry • AP Environmental Science • Concepts of Semi-Micro Qualitative Analysis & Organic Chemistry • Science Research 3 • Medical Interventions (Project Lead the Way) 	<ul style="list-style-type: none"> • Biomedical Innovations (Project Lead the Way) <p style="text-align: center;">View Science course prerequisites and course descriptions on our website.</p> <div style="text-align: center;">  <div style="border: 1px solid black; border-radius: 15px; padding: 5px; display: inline-block; background-color: white;">  SCAN ME </div> </div>
<p style="text-align: center;">Science Electives Open to 9th Grade Students</p>	<p style="text-align: center;">Science Electives Open to 10th Grade Students</p>		
<ul style="list-style-type: none"> • Science Research 1 (AP Seminar) • Principles of Biomedical Sciences (Project Lead the Way) 	<p>All courses open to 9th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> • AP Physics 1 (dependent of level of math completed) • Science Research 2 (AP Research) • Human Body Systems (Project Lead the Way) 		

Math courses are organized sequentially. On pages 24 and 25, students will need to find the course map that starts with their 8th grade math course to map out their math plan.

Math Course Map–3 Credits Required for Graduation	
<p>All Students take an Algebra 1 Course</p>	<p>All Students take a Geometry Course</p>
<ul style="list-style-type: none"> • Algebra 1 • Algebra 1--AMPED (Algebra, Manufacturing, Production, Entrepreneurship & Design) 	<ul style="list-style-type: none"> • Geometry • Geometry in Construction • Honors Geometry

Student Took Math 8 in 8th Grade	
9th Grade Year	Algebra 1
10th Grade Year	Geometry
	Geometry in Construction
11th Grade Year	Algebra 2
	Honors Algebra 2 (includes Trigonometry)
12th Grade Year	Trigonometry
	Statistics
	Algebra 3
	AP Statistics
	Precalculus
	Finite Math

Student Took Algebra 1 in 8th Grade	
9th Grade Year	Geometry
	Geometry in Construction
	Honors Geometry
10th Grade Year	Honors Algebra 2 (includes Trigonometry)
11th Grade Year	Precalculus
12th Grade Year	AP Calculus AB
	AP Calculus BC
Additional Pathway	
11th Grade Year	Algebra 3
	Trigonometry
12th Grade Year	Precalculus

View Math course prerequisites and course descriptions on our website.



Student Took Honors Geometry in 8th Grade	
9th Grade Year	Honors Algebra 2 (includes Trigonometry)
10th Grade Year	Precalculus
11th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
12th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
Additional Pathway	
10th Grade Year	Algebra 3
	Trigonometry
11th Grade Year	Precalculus
12th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics

Student Took Honors Algebra 2 with Trigonometry in 8th Grade	
9th Grade Year	Precalculus
10th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
11th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
12th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
Additional Pathway	
9th Grade Year	Algebra 3
	Trigonometry
10th Grade Year	Precalculus
11th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
12th Grade Year	AP Calculus AB
	AP Calculus BC
	AP Statistics
Consult your counselor for other options	

Elective Course Maps–World Language; Speech and Debate

World Language Course Map

Rockwood does not have World Language graduation requirement. However, many colleges and universities require World Language for College admission. Students should consider their post-secondary plans when choosing whether or not to take a World Language and the number of years they take World Language.

9th Grade Course Options	10th Grade Course Options	11th Grade Course Options	12th Course Options
<ul style="list-style-type: none"> Spanish 1 Spanish 2 French 1 French 2 German 1 (may not be offered due to a state teacher shortage) German 2 (may not be offered due to a state teacher shortage) Latin 1 American Sign Language 1 	<p>All courses open to 9th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> Spanish 2 Spanish 3 French 2 French 3 German 2 (may not be offered due to a state teacher shortage) German 3 (may not be offered due to a state teacher shortage) Latin 2 American Sign Language 2 	<p>All courses open to 9th and 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> Spanish 3 Spanish 4 French 3 French 4 German 3 (may not be offered due to a state teacher shortage) German 4 (may not be offered due to a state teacher shortage) Latin 3 American Sign Language 3 	<p>All courses open to 9th-11th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> Spanish 4 AP Spanish Language and Culture French 4 AP French Language and Culture German 4 (may not be offered due to a state teacher shortage) AP German Language and Culture (may not be offered due to a state teacher shortage) Latin 4

Speech and Debate Course Map

Courses Available for 9th Grade Students	Courses Available to 10th, 11th & 12th Grade Students
<ul style="list-style-type: none"> Debate 1 Introduction to Speech Communication Competitive Speaking 1 	<p>All courses open to 9th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> Public Speaking Debate 2 Oral Communications Competitive Speaking 2 Radio Production (RSHS only)



View World Language course prerequisites and course descriptions on our website.



View Speech & Debate course prerequisites and course descriptions on our website.

Elective Course Maps–Career and Technical Education (CTE)--1 credit required for graduation

CTE Course Map– Computer Science	
9th Grade Course Options	10th, 11th and 12th Grade Course Options
<ul style="list-style-type: none"> ● Fundamentals of App and Game Development ● Introduction to Programming ● Exploring Computer Science 	<p>All courses open to 9th grade students AND these additional courses</p> <ul style="list-style-type: none"> ● AP Computer Science ● Computer Programming C++ ● Website Programming & Development ● Cybersecurity (Project Lead the Way)

CTE Course Maps–Fashion Design, Child Development and Air Force Jr. ROTC (MHS & LHS only)		
Fashion Design Courses Open to 9-12 Grade Students	Child Development Courses Open to 10th -12 Grade Students	Air Force Junior Reserve Officer Training (AFJROTC) Courses Open to 9th-12th Grade Students (only available at MHS & LHS)
<ul style="list-style-type: none"> ● Fashion Fundamentals 1 ● Fashion Fundamentals 2 	<ul style="list-style-type: none"> ● Child Development 1 ● Child Development 2 	<ul style="list-style-type: none"> ● Aerospace 1 ● Aerospace 2
Fashion Design Courses Open to 10-12 Grade Students	Additional FACS Electives for 10th-12th Grade Students	Air Force Junior Reserve Officer Training Corps (AFJROTC) Courses Open to 10th-12th Grade Students
<p>All courses open to 9th & 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Advanced Creative Fashion ● Fashion Design and Merchandising 	<ul style="list-style-type: none"> ● Personal Finance ● Housing and Interior Design ● Family Relations ● Life After High School 	<p>All courses open to 9th & 10th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Aerospace Science 3
		Air Force Junior Reserve Officer Training Corps (AFJROTC) Courses Open to 10th-12th Grade Students
		<p>All courses open to 9th -11th Grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Aerospace Science 4

CTE Course Maps—Journalism and Business

Journalism Courses Open to 9th-12th Grade Students	Business Courses Open to 9th Grade Students	Business Courses Open to 10th Grade Students	Business Courses Open to 11th Grade Students	Business Courses Open to 12th Grade Students
<ul style="list-style-type: none"> ● Introduction to Digital Media Production ● Digital Media Production ● Visual Journalism ● News Production ● Yearbook Production 	<ul style="list-style-type: none"> ● Business Essentials ● Computer Applications for Business ● Creating Career Success ● Multimedia Communications ● Graphic Media Communications ● Web Design & Communication ● Business Management Processes 	<p>All courses open to 9th grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Personal Finance & Business ● Sports & Entertainment Management 	<p>All courses open to 9th and 10th grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Accounting ● Business Management & Entrepreneurship ● Entrepreneur Accelerator 	<p>All courses open to 9th-11th grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Business Internship/Cooperative Career Education ● Partners in Education Internship Program

CTE Course Maps—Industrial & Engineering Technology

9th Grade Course Options	10th Grade Course Options	11th & 12th Grade Course Options
<ul style="list-style-type: none"> ● Metals Processes ● Woods Processes 1 ● Drafting 1 ● Drafting 2 ● Architectural Drafting 1 ● Construction (with Geometry in Construction) ● Introduction to Engineering Design (Project Lead the Way) 	<p>All courses open to 9th grade students and these additional courses:</p> <ul style="list-style-type: none"> ● Woods Processes 2 ● Principles of Engineering (Project Lead the Way) ● Digital Electronics (Project Lead the Way) ● Aerospace Engineering (Project Lead the Way) 	<p>All courses open to 9th and 10th grade students AND these additional courses:</p> <ul style="list-style-type: none"> ● Computer Integrated Manufacturing (Project Lead the Way) ● Civil Engineering & Architecture (Project Lead the Way) ● Engineering Design & Development (Project Lead the Way)



View CTE course Prerequisites and course descriptions on our website.

Elective Course Maps--Fine Arts--1 credit required for graduation

Music Course Maps			
Music Courses Open to 9th-12th Grade Students <ul style="list-style-type: none"> • Guitar 1 • Guitar 2 • Music Production 1 • Music Production 2 • Beginning Orchestra 	Band Courses Open to Students Who Have Successfully Completed Band in Middle School <ul style="list-style-type: none"> • Concert Band 	Orchestra Courses Open to Students Who Have Successfully Completed Orchestra in Middle School <ul style="list-style-type: none"> • Chamber Orchestra 	Choir Courses Choir Courses -- Directors will work with counselors to place students sections of each level of choir based on voicing. <ul style="list-style-type: none"> • Choir • Chorale • Chamber Choir • Show Choir
Music Courses Open to 10th-12th Grade Students <ul style="list-style-type: none"> • AP Music Theory • Guitar Ensemble 	Band Courses Open by Audition or Director Approval <ul style="list-style-type: none"> • Symphonic Band • Jazz Band (requires enrollment in an ensemble) 	Orchestra Courses Open by Audition or Director Approval <ul style="list-style-type: none"> • Concert Orchestra • Sinfonia Orchestra • Symphonic Orchestra 	

Theatre Course Map	
Theatre Arts Electives Open to 9th Grade Students <ul style="list-style-type: none"> • Acting 1 • Acting 2 • Tech Theatre 1 • Tech Theatre 2 	Theatre Arts Electives Open to 10th-12th Grade Students <i>All courses open to 9th grade students AND these additional courses</i> <ul style="list-style-type: none"> • Studio Directing • Advanced Studio Theatre



View Fine Arts course Prerequisites and course descriptions on our website.

Visual Arts Course Map

Core Course Requirement for All Visual Arts Studio Courses

Art Fundamentals

Visual Arts Electives Open to 9th-12th Grade Students who have completed Art Fundamentals

- Fibers & Printmaking 1
- Drawing 1
- Painting 1
- 3-D Art 1
- Graphic Design 1
- Ceramics 1
- Photography 1

Visual Arts Electives Open to 9th-12th Grade Students who completed Level 1 of the corresponding studio class. Students may enroll in these courses more than once if they wish to specialize in a particular medium.

- Fibers & Printmaking Advanced
- Drawing Advanced
- Painting Advanced
- 3-D Art Advanced
- Graphic Design Advanced
- Ceramics Advanced
- Photography Advanced

Other Visual Arts Electives

- Art Design and Applications
- AP Art History
- AP Art & Design 1
- AP Art & Design 2

Elective Course Maps–Physical Education & Health--1 PE credit required and .5 Health credit required for graduation; Other Electives

Physical Education & Health Course map--1 credit of PE and .5 credit of Health required for graduation	
Physical Education Requirement for All Students	Health Requirement for All Students
Personal Fitness & Wellness	Health
Physical Education Electives to Fulfill PE Requirement	Other Physical Education Electives Open for Students in 10th-12th Grade
<ul style="list-style-type: none"> • Sports & Fitness • Total Body Wellness • Beginning Strength Training • Advanced Strength Training • Basic Aquatics • Advanced Aquatic Skills & Lifeguard Training 	<ul style="list-style-type: none"> • Team Sports • Lifetime Activities/Outdoor Adventures • PE Mentors/Moving Together
Other Physical Education Electives Open to 9th Grade Students	
<ul style="list-style-type: none"> • First Aid/Responding to Emergencies • Drivers' Education 	

Other Electives	
Electives Open to 9th Grade Students	Electives Open to 11th Grade Students
Freshman Seminar	Cadet Teaching
	Electives Open to 12th Grade Students
	Community Service

View PE/Health course prerequisites and course descriptions on our website.



View Electives course prerequisites and course descriptions on our website.



