

# RICHLAND SCHOOL DISTRICT

## 2025-2026



# MIDDLE SCHOOL GUIDE



**CARMICHAEL • CHIEF JOSEPH • ENTERPRISE • LEONA LIBBY  
PACIFIC CREST ONLINE ACADEMY • THREE RIVERS HOMELINK**



# Richland School District

6-8 Middle School

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## Course Description Catalog

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2025-2026

### **Middle Schools**

Carmichael Middle School  
Chief Joseph Middle School  
Enterprise Middle School  
Libby Middle School  
Pacific Crest Online Academy  
Three Rivers HomeLink

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## Introduction from the Superintendent

Dear Students & Families,

Each spring our middle school students have the opportunity to choose their courses for the next school year. This annual event is about more than determining a daily schedule—it is one of the ways that each student maps their path to a future they envision for themselves.

There are some elements of course selection that are universal to nearly all students. The state's graduation requirements specify how many units of language arts, math, social studies, and science must be completed prior to each student's commencement. Each student also must develop a High School & Beyond Plan beginning in the seventh grade that is aligned with one of the state's Graduation Pathways so they are prepared for their next step once they leave high school. Even in middle school students can begin looking at courses that could set them up for success in high school coursework as well as in a career they can see themselves pursuing.

This course catalog gives each student numerous means to achieve those basic requirements while striving to push themselves beyond them to meet their own goals and satisfy their own inspirations. The variety of courses is intended to help them explore and learn about things that deepen their lived experience. Through this educational self-determination, all students can be prepared to contribute and improve their lives and our community.

Key areas to highlight:

1. **Career and Technical Education (CTE) Programs:** Hands-on courses that prepare students for success in various career pathways, including hospitality, information technology, and engineering.
2. **High School Credit in Middle School:** Students in seventh and eighth grade can begin earning high school credits in eligible courses at their middle school.
3. **World Languages:** Courses that fosters linguistic proficiency and cultural understanding, preparing students for a globalized world.
4. **High School and Beyond Planning:** This tool enables students and families to navigate the requirements associated with course and career planning.

We encourage students and families to work with school counselors to plan a program of courses that best meets the needs and goals of each student. It is never too early to start exploring options for a student's future. While students will enroll in classes one semester or one year at a time, they should always consider where they want to be when they graduate, whether that's ready for college, an apprenticeship or trade school, public service, or the workforce.

We're all excited to see what heights students reach with what they learn from our staff, their classmates and the numerous others who support our schools and the broad experiences they offer.

Enjoy discovering your choices, making the decisions that work best for you and relish these days of learning and exploration.

Dr. Shelley Redinger  
Superintendent

## General Information

### General Information

The purpose of the common course catalog is to provide students and parents with an overview of secondary offerings in the Richland School District. The important connection of middle school to high school offerings is one to carefully consider in developing future plans for each of our students. Prerequisites are listed for some courses and serve as an indicator of skills needed to be successful in the class. You will find that teachers, counselors, and principals are anxious to provide information to help you make important course decisions. We also welcome questions and input to continue offering quality instruction at all levels of the school system.

Teachers and principals strive to offer a wide variety of courses each year. **These offerings may vary each year based on student enrollment and staffing. Certain courses in the catalog will be offered only if there are enough students who register in the spring to fill the class.** Select courses carefully. The choices made will determine student schedules for fall semester. Changes in student schedules will be made only under exceptional circumstances.

### Non-Discrimination Statement

The Richland School District does not discriminate in any programs or activities on the basis of sex, race, creed, religion, color, national origin, age, veteran or military status, sexual orientation, gender expression or identity, disability, or the use of a trained dog guide or service animal and provides equal access to the Boy Scouts and other designated youth groups. This applies to all educational programs, extra-curricular activities, and employment. The following employee(s) has been designated to handle questions and complaints of alleged discrimination:

Title IX Coordinator: Tory Christensen,  
[Tory.Christensen@rsd.edu](mailto:Tory.Christensen@rsd.edu), Assistant Superintendent

Section 504 Coordinator: Robert Sorensen  
[Robert.Sorensen@rsd.edu](mailto:Robert.Sorensen@rsd.edu), Executive Director

Harassment, Intermediation & Bullying Coordinator:  
Tory Christensen, [Tory.Christensen@rsd.edu](mailto:Tory.Christensen@rsd.edu),  
Assistant Superintendent

The Richland School District will also take steps to assure that national origin persons who lack English language skills can participate in all education programs, services, and activities. For information regarding translation services or transitional bilingual education programs, contact the RSD Special Programs Office at 509-967-6050.

### Successful Completion of Middle School

Successful completion of middle school coursework is expected for all students. Completion occurs when a student meets the academic expectations of the required program. Students who experience difficulty in coursework will be assigned to tutorial and/or placed in an academic support course that runs either during the school day, before or after school, or in the summer.

### Middle School Course Requirements

- Three years of Language Arts
- Three years of Mathematics
- Three years of Science
- Three years of Social Studies
- Three semesters of Physical Education (one semester taken in 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grade).
- Two quarters of Health
- Elective / Exploratory

Information about the Washington State Learning Standards may be found at [www.k12.wa.us](http://www.k12.wa.us).

### Accelerated Courses & Highly Capable Program

Advanced Language Arts courses are offered at each grade level in all Richland School District middle schools. These courses provide opportunities for our highest-achieving middle school students to be challenged at a level more appropriate to their achievement and ability levels.

Students must qualify to participate in the Hi-Cap program. For further details about the Hi-Cap program, please contact your building administrator or the district's website at <https://www.rsd.edu/programs/highly-capable-programs>.

### Intervention Classes

Reading and Math intervention courses are offered at each grade level in all Richland School District middle schools. These courses provide opportunities for our middle school students to learn at a level appropriate to their achievement and ability levels by providing additional instruction and support in order to address academic gaps and access grade level courses. Courses are assigned to students based upon student achievement data, to include; grades, assessments and teacher recommendation.

### Attendance

Regular school attendance is a prime ingredient for mastery of the educational program offered to students of the district. In addition, it is recognized that classroom interaction between teacher and students can enrich and clarify knowledge of subject matter beyond the mere accumulation of factual data. Therefore, students' grades in all courses taught may be affected by absence or tardiness.

### Counseling Office

Students should contact a school counselor if they have any questions about transitions between schools, registration, course selections, or graduation requirements.

### Exploratory & Elective Courses

Exploratory classes provide stimulating and enriching experiences to help young adolescents become aware of their interests before they are required to make decisions regarding educational options. Exploratory classes are short in duration, provide opportunities for students to participate actively, and hold students accountable for completing activities, but do not impose mastery as a criterion.

Electives are designed to continue the skills foundation of the exploratory program and to allow students to expand beyond the required curriculum to pursue personal interests through choice of classes.

Opportunities may be available for students to serve as an office, library, or classroom aide.

These opportunities are by application only. For additional information contact your school counselor.

### PowerSchool

Parents and students can monitor student's progress by accessing PowerSchool, the on-line student information system, to check grades, attendance records, and class schedules.

For more information you can access the "PowerSchool Guide" on the RSD website at: <https://www.rsd.edu/students/powerschool-login>. Contact your school for your login and password.

### Middle School Grading: Reporting Student Progress

Report cards will be mailed home to parents or guardians at the semester in January and at the end of the school year. Students will be given their report cards for first and third quarters to take home. Progress reports are prepared by our teachers at the mid-term of each quarter. For students who are earning a C- or lower at the mid-quarter, mid-quarter reports will be mailed to the student's parents or guardians.

### Grading System

Academic rank in class is determined by a student's grade point average. A student's grade point average (GPA) is a numerical score translated from letter grades recorded on the transcript. Students receive points for letter grades earned in their classes on the following basis:

A	=	4.00
A-	=	3.70
B+	=	3.30
B	=	3.00
B-	=	2.70
C+	=	2.30
C	=	2.00
C-	=	1.70
D+	=	1.30
D	=	1.00
F	=	0.00

The minimal passing grade is D = 1.0

## General Information

### Credit for High School Courses Taken in Middle School

State law and district policy allow 7<sup>th</sup> and 8<sup>th</sup> grade students to receive high-school credit for some courses taken at the middle school.

All students who complete high school level courses in middle school are awarded high school credit automatically. Students and their parents may opt out of the credit and must notify the high school by the end of their 11<sup>th</sup> grade year. [Opt out only applies to classes completed in middle school].

### High School Graduation Requirements

High School Graduation Requirements are published each year in the High School Course Catalog. Richland School District Policy/RR 2410 is available at [www.rsd.edu](http://www.rsd.edu).

### Academic Eligibility for Athletics & Activities

WIAA Guidelines require participating students to be enrolled in at least five classes of a program geared for meeting graduation requirements.

Fall athletes must have obtained passing grades in a minimum of five classes from the previous semester and maintain passing grades in a minimum of five classes during the current semester. The suspension period for middle level students shall be from the end of the previous semester through the first three (3) weeks of the succeeding semester/trimester. Each student is eligible on Monday of the week following the end

of the suspension period. Three (3) or more teaching days shall constitute a week.

Fall, winter and spring athletes must maintain passing grades in a minimum of five classes during the current semester.

At the end of a semester, failure to have passing grades in five classes will result in three weeks of academic probation with the student ineligible to participate. Eligibility to participate may resume on Monday of the fourth week if the student is passing at least five classes at that time.

### Seal of Biliteracy



### Washington State Seal of Biliteracy & World Language Competency Credits

The Washington State Seal of Biliteracy ([RCW 28A.300.575](http://RCW.28A.300.575)) recognizes public high school graduates who have attained a high level of proficiency in speaking, reading, and writing in one or more world languages in addition to English.

- Students who study a world language offered at school (i.e., French, German, Spanish) may earn the Seal with strong scores on AP or IB or World Language exams. See [Flow Chart](#) for pathways to the Seal.
- Heritage speaking students may earn up to 4 World Language Competency-based Credits by demonstrating high levels of proficiency in their heritage language (i.e., Marshallese, Hindi, Spanish...) and by fulfilling ELA requirements. See [Language Options](#).

## Frequently Asked Questions

### How do I communicate with my child's teacher?

You can contact teachers by Canvas, phone, email, or through pre-arranged conferences.

### How do students find out about the school calendar and extra-curricular activities?

Morning announcements and Canvas

### How much homework time should be set aside daily?

Though course requirements may vary, students should set aside 45 minutes to 1½ hours each weekday for homework. We encourage parents to be actively involved during homework time.

### How does a parent become involved at the middle school level?

The middle school Parent Teacher Associations (PTA or PTO) offer parents many options for involvement. Clubs and activities rely on parent involvement for success.

### What do I do if my child must miss school?

- Parent calls the school
- Student requests missed work from teacher via email or Canvas
- For an extended absence, homework may be requested

## Ways to be Successful in Middle School

- Be at school every day, on time and ready to learn
- Make friends – talk to people you don't know
- Check canvas each evening to track assignments and plan ahead
- Give your teacher the chance to help you – don't ever be afraid to ask for help
- Be respectful of other students and staff members by following expectations
- Get involved in school activities
- Have a good attitude about school and always give it your best
- Complete homework assignments – it prepares you for high school success!
- Don't ever give up, keep on trying and remember to HAVE FUN!

## General Information

### Notification of Rights Under the Family Educational Rights and Privacy Act (FERPA)

*The Family Educational Rights & Privacy Act (FERPA) affords parents and students over 18 years of age ("eligible students") certain rights with respect to the student's education records.*

#### **These rights are:**

1. The right to inspect and review the student's education records within 45 days of the day the School receives a request for access.
  - Parents or eligible students should submit to the School principal [or appropriate school official] a written request that identifies the record(s) they wish to inspect. The School official will make arrangements for access and notify the parent or eligible student of the time and place where the records may be inspected.
2. The right to request the amendment of the student's education records that the parent or eligible student believes are inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA.
  - Parents or eligible students who wish to ask the School to amend a record should write to the School principal, clearly identify the part of the record they want changed, and specify why it should be changed. If the School decides not to amend the record as requested by the parent or eligible student, the School will notify the parent or eligible student of the decision and advise them of their right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the parent or eligible student when notified of the right to a hearing.
3. The right to privacy of personally identifiable information in the student's education records, except to the extent that FERPA authorizes disclosure without consent.
  - One exception, which permits disclosure without consent, is disclosure to school officials with legitimate educational interests. A school official is a person employed by the School as an administrator, supervisor, instructor, or support staff member (including health or medical staff and law enforcement unit personnel); a person serving on the School Board; a person or company with whom the School has outsourced services or functions it would otherwise use its own employees to perform (such as an attorney, auditor, medical consultant, or therapist); or a parent, student, or other volunteer assisting another official in performing his or her tasks.

#### Directory Information

*Under FERPA, Schools may disclose a student's "directory information" which includes information generally not considered harmful or an invasion of privacy if disclosed.*

#### **The Richland School District has designated the following information as directory**

**information:** student's name, address, telephone number, dates of attendance, participation in officially recognized activities and sports, weight, and height of members of athletic teams, diplomas and awards received, photographs or video of the student, and the most recent school attended.

The actual residential address of participants in the state Address Confidentiality Program will not be available for release as directory information.

Parents or eligible students, who do not want their directory information released, must notify their school principal in writing each school year.

A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. Upon request, the School discloses education records without consent to officials of another school district in which a student seeks or intends to enroll or is already enrolled. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the School to comply with the requirements of FERPA.

The name and address of the Office that administers FERPA are:

Family Policy Compliance Office  
U.S. Department of Education  
400 Maryland Avenue, SW  
Washington, DC 20202-5901

# Career & Technical Education

*These offerings may vary each year based on student enrollment and staffing.*

## Middle School

Business	Computer Science	Family & Consumer Science	Media Arts & Communication	STEM
<b>MS Business Keyboarding</b> PCOA Grade 6, 7, 8	<b>Computer Science Discoveries A1</b> CMS, CJMS, EMS, LMS Grade 7, 8	<b>Family &amp; Consumer Science</b> CMS Grade 6	<b>Introduction to Production &amp; Broadcasting</b> CMS, CJMS, EMS, LMS Grade 7, 8	<b>Engineering Design &amp; Problem Solving</b> CJMS, EMS Grade 7, 8
	<b>Computer Science Discoveries A2</b> CMS, CJMS, EMS, LMS Grade 7, 8			<b>STEM Lab</b> LMS Grade 6, 7, 8
<b>Technology</b> CMS, CJMS Grade 6	<b>Introduction to Computer Science A</b> CMS, CJMS, EMS, LMS Grade 8	<b>Foods</b> CMS, CJMS, EMS Grade 6, 7, 8	<b>Introduction to ESports Careers</b> CMS, CJMS, EMS, LMS Grade 7, 8	<b>Robotics</b> CJMS, LMS Grade 6, 7
	<b>MS Coding Fundamentals</b> PCOA Grade 6, 7, 8			

**High School**

All courses listed below (except for Careers and Financial Literacy) fulfill an Occupational Education Requirement. Students completing 2 credits from any **pathway area** below may be eligible for the CTE graduation pathway.

Agriculture Science Pathway	Business & Marketing Pathways		Family & Consumer Science Pathways
Advanced Plant Science* <sup>◊</sup> Agricultural Business Biology - Animal Science* <sup>◊</sup> Floral Design 1* Floral Design 2* <sup>◊</sup> Intro to Agriculture, Food and Natural Resources* <sup>◊</sup> Metals Technology 1* <sup>◊</sup> Metals Technology 2* <sup>◊</sup> Sustainable Technology* Veterinary Science*	<p><b><u>Business Education</u></b>                      Accounting                      AVID 9                      Business &amp; Personal Law*                      Career Choices 1 &amp; 2*<sup>‡</sup>                      Computer Fundamentals                      Financial Algebra                      Innovation Space                      Introduction to Business                      Leadership                      Microsoft Office Specialist 1 &amp; 2*<sup>◊</sup><sup>‡</sup>                      Microsoft Office Expert*<sup>‡</sup>                      Technical English*<sup>‡</sup></p> <p><b><u>Marketing Education</u></b>                      Entrepreneurship*<sup>◊</sup>                      Fashion Merchandising*<sup>◊</sup>                      Financial Services Marketing                      Introduction to Marketing*<sup>◊</sup>                      Marketing &amp; Business Management 1 &amp; 2*<sup>◊</sup>                      Sports &amp; Entertainment Marketing*<sup>◊</sup>                      Student Store Management*<sup>◊</sup>                      Technical English*<sup>‡</sup></p>	<p><b><u>Computer Science</u></b>                      AP Computer Science A*                      AP Computer Science Principles*                      Computer and Network Security Fundamentals (PCOA)*<sup>^</sup>                      Computer Science Discoveries 1 &amp; 2                      Cyber Security 1 &amp; 2*<sup>‡</sup>                      Digital Information Technology (PCOA)*<sup>^</sup>                      Foundations of Programming (PCOA)*<sup>^</sup>                      Introduction to Computer Science                      Introduction to ESports Careers                      Procedural Programming (PCOA)*<sup>^</sup>                      Robotics*                      WSL Internship: Information Technology</p>	Adulting 101 Baking Fundamentals* <sup>◊</sup> Child Development* <sup>◊</sup> Costume Design* Early Human Development* <sup>‡</sup> Fashion Merchandising* <sup>◊</sup> Foods and Nutrition 1 & 2* <sup>◊</sup> Food Science* <sup>◊</sup> Interior Design* Textiles-Clothing 1 & 2*  <p><b><u>Education &amp; Training</u></b>                      Careers in Education*<sup>◊</sup>                      Teaching Academy*<sup>◊</sup></p> <p><b><u>Translation</u></b>                      American Sign Language 1*                      American Sign Language 2*                      American Sign Language 3*</p>
Health Science Pathway	Skilled & Technical Pathways		
Athletic Training Students Assistant (ATSA) Practicum* <sup>‡</sup> Biomedical Science* <sup>‡</sup> Biotechnology 1* <sup>◊</sup> <sup>‡</sup> Biotechnology 2* <sup>◊</sup> <sup>‡</sup> Careers in Health Care 1-2* <sup>‡</sup> Home Care Aide* <sup>‡</sup> Honors Anatomy & Physiology* <sup>‡</sup> Kinesiology & Exercise Science 1* <sup>‡</sup> Kinesiology & Exercise Science 2* <sup>‡</sup> Kinesiology & Exercise Science 3* <sup>◊</sup> <sup>‡</sup> Medical Terminology* <sup>◊</sup> <sup>‡</sup> Sports Medicine 1* <sup>‡</sup> Sports Medicine 2* <sup>‡</sup> WSL Internship: Healthcare* <sup>‡</sup>	<p><b><u>Arts, A/V Technology &amp; Communications</u></b>                      AMPED on Algebra                      Content Creators*                      Documentary &amp; Filmmaking 1 &amp; 2*<sup>◊</sup>                      Events &amp; Sports Broadcasting 1-2*                      Events &amp; Sports Photography 1-2*<sup>◊</sup>                      Graphic Arts 1 &amp; 2*<sup>◊</sup>                      Intro to Journalistic Writing                      Mobile Reporting &amp; Media                      Newspaper                      Photography 1-5*<sup>◊</sup><sup>◊</sup>                      Podcast Production                      TV Production &amp; Broadcasting 1-8*<sup>◊</sup>                      Writing Production 1 &amp; 2*                      Yearbook 1-4*<sup>◊</sup></p>	<p><b><u>Engineering, Technology, &amp; Trades Education</u></b>                      Advanced Metals – Jewelry 1-2*                      Automotive Technology 1*<sup>◊</sup>                      Automotive Technology 2*<sup>◊</sup>                      Car Care*                      Core Plus –Metals Manufacturing Technology 1*<sup>◊</sup>                      Core Plus – Metals Manufacturing Technology 2*<sup>◊</sup>                      Digital Design and Fabrication 1*<sup>◊</sup>                      Digital Design and Fabrication 2*<sup>◊</sup>                      Metals - Jewelry 1 &amp; 2*                      Materials Science Engineering 1*<sup>◊</sup>                      Materials Science Engineering 2*<sup>◊</sup>                      Metals Technology 1*<sup>◊</sup>                      Metals Technology 2*<sup>◊</sup>                      Robotics*                      Woods Manufacturing Technology 1*<sup>◊</sup>                      Woods Manufacturing Technology 2*<sup>◊</sup></p>	<p><b><u>Government &amp; Public Administration</u></b>                      JROTC: American Military History*                      JROTC: Leadership Education &amp; Training 1*                      JROTC: Leadership Education &amp; Training 2*                      JROTC: Leadership Education &amp; Training 3*                      JROTC: Leadership Education &amp; Training 4*                      JROTC: Rifle Marksmanship 1*                      JROTC: Rifle Marksmanship 2*</p>
These courses count for OCC credit but are <b>not</b> approved for CTE Pathways Advanced Theater Production* <sup>^</sup> <sup>‡</sup> AP Statistics* <sup>^</sup> <sup>‡</sup> AVID 12* <sup>^</sup> Costume Design* Introduction to Hospitality & Tourism (PCOA)* <sup>^</sup> Journalism 1 (PCOA)* <sup>^</sup> Leadership 2 (PCOA)* <sup>^</sup> Theater Production* <sup>^</sup> Spanish Translation and Interpretation 1* <sup>^</sup> <sup>‡</sup> Statistics* <sup>^</sup> <sup>‡</sup>	<p><b><u>Careers and Financial Literacy</u></b><sup>◊</sup> Careers and Financial Literacy meets an RSD Graduation Requirement (<i>it does not count as an occupational education credit</i>)</p> <p>Key:                      * This course may meet the "Two-for-One" policy – see page 5                      ◊ Course offers Industry Recognized Credentials                      ◊ Course offers Dual Credit – see page 8                      ^ Course counts for Occupational credit – but is <b>not</b> approved for CTE pathway requirement                      ‡ Course prepares students for college and career opportunities in the health sciences industry</p>		

**Business**

**MS Business Keyboarding**

PCOA Course #80200

Prerequisite: None  
 Location: PCOA  
 Length: Semester  
 Open to: Grade 6-8  
 Satisfies: Elective

Using a special online library of software, you will gain typing speed while learning the proper technique to become a keyboarding master. You will also learn business skills to prepare for your future career. This course provides middle school elective credit.

**Technology**

**Course #8060 / #8160 / #8260**

Prerequisite: None  
 Location: Carmichael, Chief Joseph, Enterprise, Libby  
 Length: Quarter / Semester  
 Open to: Grades 6-8  
 Satisfies: Exploratory

Technology Exploratory is a quarter/semester-long, STEM-focused elective course designed to introduce students to the tools that are essential for professional, academic, and career success. Technology Exploratory includes a focus on project-based learning infusing science and math with technology. This includes input skill development, Microsoft Office software applications, career exploration activities, STEM related projects, and communication skills.

**Computer Science**

**Computer Science Discoveries A 1**

**Course #8170**

Prerequisite: None  
 Location: Carmichael, Chief Joseph, Enterprise, Libby  
 Length: 2 Quarters or 1 Semester  
 Note: This is a high school course taught in the middle school and will appear on high school transcript  
 Open to: Grades 7-8  
 Satisfies: 0.5 Occupational or 0.5 Elective

Computer Science Discoveries A1 is the perfect introductory course for students new to computer science. Problem solving, communication, and personal expression are all featured as students learn the visible aspects of computing and computer science, and how they can engage with it as a tool for exploration and expression. Through a user-centered design process, students will iterate on and refine a mobile app that integrates everything they've learned throughout the course into one capstone project.

**Computer Science Discoveries A 2**

**Course #8171**

Prerequisite: Computer Science Discoveries A 1  
 Location: Carmichael, Chief Joseph, Enterprise, Libby  
 Length: 2 Quarters or 1 Semester  
 Note: This is a high school course taught in the middle school and will appear on high school transcript  
 Open to: Grades 7-8  
 Satisfies: 0.5 Occupational or 0.5 Elective

Computer Science Discoveries A2 is the continuation of Computer Science Discoveries 1. Problem solving, communication, and personal expression are all featured as students learn the visible aspects of computing and computer science, and how they can engage with it as a tool for exploration and expression. Through a user-centered design process, students will iterate on and refine a mobile app that integrates everything they've learned throughout the course into one capstone project.

## Career & Technical Education

### Introduction to Computer Science A

Course #8562/8563

Prerequisite: None  
Location: Carmichael, Chief Joseph, Enterprise, Libby Open to: Grade 8  
Length/Credit: Year / 1.0 Credit Satisfies: 1.0 Occupational or 1.0 Elective  
Note: This is a high school course taught in the middle school and will appear on high school transcript.

Introduction to Computer Science uses Computer Science Principles (CS Principles) curriculum which is a full-year, rigorous, entry-level course introducing high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the internet, big data, digital privacy and security, and the societal impacts of computing.

### MS Coding Fundamentals

PCOA Course #82400

Prerequisite: None  
Location: PCOA Open to: Grade 6-8  
Length: Semester Satisfies: Elective

Learn the basic building blocks of coding using HTML to create a web page and use the in-course Python Guided Activity to try your hand at programming with Python. You'll learn how to use functions and loops to write small programs and create basic graphics. In addition, you will learn about career opportunities in the coding field. This course will give you the experience you need to begin coding on your own, and it will get you ready to take more advanced coding courses in the future! This course provides middle school elective credit.

## Family & Consumer Science

### Family & Consumer Science

Course #8010 / #8110 / #8210

Prerequisite: None  
Location: Carmichael Open to: Grades 6-8  
Length: Semester Satisfies: Exploratory

Students will be introduced to the many program areas outlined in the National Standards for Family and Consumer Sciences Education. These areas reinforce 21<sup>st</sup> Century Skills desirable by employers, the community, and family members. Course content may include childcare and early childhood development, interpersonal relationships, clothing care and construction, financial literacy, nutrition, food safety, food science, and food preparation. Students will explore food preparation by participating in a variety of cooking experiences.

### Foods A

Course #8130\_A

Prerequisite: None  
Location: Carmichael Open to: Grades 7-8  
Length: Semester Satisfies: Elective

Introduction to cooking that will allow students to develop their understanding of basic cooking techniques while giving them a safe environment to take risks, think critically and test new ideas.

### Foods B

Course #8230\_B

Prerequisite: None  
Location: Carmichael Open to: Grades 7-8  
Length: Semester Satisfies: Elective

Introduction to cooking that will allow students to develop their understanding of basic cooking techniques while giving them a safe environment to take risks, think critically and test new ideas.

**Foods 7**

**Course #8130**

Prerequisite:	None	Open to:	Grade 7
Location:	Chief Joseph, Enterprise	Satisfies:	Elective
Length:	Semester		

Foodies unite!! This course will introduce students to nutrition, food safety, food science, food planning and preparation, and careers in the hospitality/culinary industry. Students will explore food preparation by participating in a variety of cooking experiences. Food planning and preparation skills are outlined in the National Standards for Family and Consumer Sciences Education. These areas reinforce 21st Century Skills desirable by employers and the community.

**Foods 8**

**Course #8230**

Prerequisite:	Foods 7 or Teacher Approval	Open to:	Grade 8
Location:	Chief Joseph, Enterprise	Satisfies:	Elective
Length:	Semester		

Foodies unite!! This course will expand upon Foods 7 curriculum with advanced skills in nutrition, food safety, food science, food planning and preparation, and careers in the hospitality/culinary industry. Food planning and preparation skills are outlined in the National Standards for Family and Consumer Sciences Education. These areas reinforce 21st Century Skills desirable by employers and the community.

**Media Arts & Communication**

**Media Productions**

**Course #8524/8525**

Prerequisite:	None	Open to:	Grade 8
Location:	Chief Joseph	Satisfies:	ELA/Elective
Length:	Year		

Broadcasting - ELA 8 is an immersive literature experience where students will learn and apply language through stories, scripts, and the medium of video and audio broadcasting. Literature to be studied will include novels, short-stories, scripts, and plays in content related to adolescents' struggles to define themselves. Through written composition and applied media content students will explore relationships between literature and their own lives. Students will discuss solutions to problems, create dialogue on paper, and write in a variety of genres using more sophisticated and appropriate Content and Ideas, Organization, Style (COS), and Conventions (CON). Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration. This course is aligned to Washington State ELA Common Core Standards.

**MS Introduction to ESports Careers**

**Course #8126**

Prerequisite:	None	Open to:	Grade 7-8
Location:	Carmichael, Chief Joseph, Enterprise, and Libby	Satisfies:	Elective
Length:	Semester		

Interested in a career in Esports? Beyond just game play, students will be introduced to the rapidly growing esports industry. This course will feature basic game design, statistics of game play theory, and introductory content-streaming careers.

## Career & Technical Education

### Introduction to Production & Broadcasting

Course #8050\_7 / 8050\_8

Prerequisite:	None		
Location:	Carmichael, Enterprise, Libby	Open to:	Grade 7-8
Length:	Quarter/Semester	Satisfies:	Elective

Careers in audio and video technology and production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities.

## STEM

### Engineering Design & Problem Solving

Course ##9036 / #9037 / #9038

Prerequisite:	None		
Location:	Chief Joseph, Enterprise	Open to:	Grades 6-8
Length:	Quarter/Semester	Satisfies:	Elective

This class will immerse students in hands-on inquiry and open-ended exploration within the topics of Science, Technology, Engineering, and Mathematics. Students will develop skills, investigate real-world scientific problems, and design solutions, as they work collaboratively with others. Students will use a variety of methods to effectively communicate their understanding of scientific ideas

### Design and Modeling

Course #8040

Prerequisite:	None		
Location:	Libby	Open to:	Grade 7-8
Length:	Semester	Satisfies:	Elective

This class will immerse students in hands-on inquiry and open-ended exploration within the topics of Science, Technology, Engineering and Mathematics. Students will develop skills, investigate real-world engineering and design problems and develop solutions, as they work collaboratively with others. Students will use a variety of methods to effectively communicate their understanding of scientific ideas.

### Robotics

Course #4260

Prerequisite:	None		
Location:	Chief Joseph, Libby	Open to:	Grade 6-7
Length:	Quarter	Satisfies:	Elective

This class will be an exploration of the field of engineering using Lego robots (or similar). Robotics today plays an integral role in manufacturing, medicine and more, and it will take on even greater importance in the future. In addition to learning about the industry, students will learn basic principles of logic, building and programming, and executing routines. Students will be provided opportunities to demonstrate using the robots provided.

## Fine Arts

These offerings may vary each year based on student enrollment and staffing.

### Middle School

<p><b><u>Fine Arts: Music</u></b>  <b>Concert Band</b>  <b>Jazz Band</b>  <b>Concert Choir</b>  <b>Symphonic Choir</b>  <b>Orchestra</b>  <b>Chamber Orchestra</b>  <b>Guitar</b></p>	<p><b><u>Fine Arts: Theatre</u></b>  <b>Drama</b>  <b>Debate</b>  <b>Speech / Public Speaking</b></p>	<p><b><u>Fine Arts: Visual</u></b>  <b>6<sup>th</sup> Grade Art</b>  <b>7<sup>th</sup> Grade Art</b>  <b>8<sup>th</sup> Grade Art</b>  <b>MS Orientation to Art 2D (PCOA)</b>  <b>MS Visual Art 1 (PCOA)</b>  <b>MS Visual Art 2 (PCOA)</b></p>
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### High School

**Fine Arts: General Music**

Guitar  
 Sound Engineering

**Fine Arts: Instrumental Music**

Concert Band  
 Orchestra  
 Chamber Orchestra  
 Symphonic Orchestra (HHS)  
 Percussion Ensemble  
 Advanced Percussion  
 Symphonic Band  
 Wind Ensemble  
 Jazz Band

**Fine Arts: Theater**

Drama 1  
 Drama 2  
 Drama 3  
 Drama 4  
 Drama as Literature (RHS)  
 Introduction to Theater (RHS)  
 Theater Production\*  
 Advanced Theater Production\*

**Fine Arts: Vocal Music**

Chamber Choir  
 Concert Choir  
 Treble Choir  
 Varsity Choir  
 Vocal Jazz

**Fine Arts: Visual Arts**

Advanced Art 1  
 Advanced Art 2  
 Art Foundations 1 (PCOA)  
 Art Foundations 2 (PCOA)  
 Art History  
 AP Art History  
 Ceramics 1 (REHS)  
 Ceramics 2 (REHS)  
 Ceramics/3-D Design 1  
 Ceramics/3-D Design 2  
 Ceramics/3-D Design 3  
 Content Creators\*  
 Costume Design\* (HHS)  
 Digital Photography (PCOA)  
 Documentary & Filmmaking\* 1 & 2  
 Drawing (PCOA)  
 Events & Sports Photography 1-2  
 Floral Design\* (RHS)  
 Graphic Arts\*  
 Graphic Arts 2\*  
 Interior Design\*  
 Introduction to Commercial Art (PCOA)  
 Metals/Jewelry\* (HHS)  
 Metals/Jewelry 2\* (HHS)  
 Advanced Metals/Jewelry\* (HHS)  
 Photography 1-5\*<sup>o</sup>  
 Podcast Production\*  
 Studio Art 1  
 Studio Art 2  
 AP Studio Art  
 Textiles-Clothing\*  
 TV Production & Broadcasting 1-8\*<sup>o</sup>

## Fine Arts

### Music

#### Concert Band

**Course #7010 /7011  
7110 /7111  
7210 /7211**

Prerequisite: None

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Year

Open to: Grades 6-8

Satisfies: Elective

This is a non-audition group requiring previous band experience or a positive and willing attitude for learning. Concert Band meets the needs of beginning, medium, and upper-intermediate students. Students are required to complete assignments and participate in out-of-class performances.

#### Jazz Band

**Course #7714 /7715  
[Zero Hour] #7712 /7713**

Prerequisite: Concert Band and Teacher approval

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Year

Open to: Grades 6-8

Satisfies: Elective

Jazz Band is an advanced ensemble designed as a year-long introduction to various jazz styles including swing, Latin, and rock music. Students are offered a thorough study of each style through listening, performing, and improvising. The Jazz Band will perform at various concerts and festivals around the Northwest. The Jazz Band is an audition-based ensemble that is meant to create a more diverse musical experience for Concert Band students.

#### Concert Choir

**Course #7234**

Prerequisite: None

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Quarter / Semester

Open to: Grades 6-8

Satisfies: Elective

Students will learn basic singing skills and techniques. We combine a study of basic music theory and vocal tone production in preparation for performances at evening concerts at the end of each quarter.

#### Symphonic Choir

**Course #7236**

Prerequisite: Choir and Teacher approval

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Semester / Year

Open to: Grades 6-8

Satisfies: Elective

All students in Symphonic Choir must audition or have teacher approval. Advanced singing skills include the ability to match pitch, follow along and/or read music, and blend with others. This choir will explore and perform varying levels and styles of choral literature in several languages and include music theory studies. This class will have required evening and weekend concerts.

**Orchestra**

**Course - 6<sup>th</sup> - #7241/7241\_S2**  
**- 7<sup>th</sup> - #7242/7242\_S2**  
**- 8<sup>th</sup> - #7243/7232\_S2**  
**- 7<sup>th</sup> & 8<sup>th</sup> - #7249/7249\_S2**

Prerequisite: None

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Year

Open to: Grades 6-8

Satisfies: Elective

Orchestra is designed for beginners and students with prior experience in elementary school orchestra. Students will develop technical proficiency, enjoyment, and musical understanding of string instruments (violin, viola, cello, and bass), and be introduced to string literature and the history of the string orchestra. Students are required to provide their own instruments in most cases. This class will perform in concerts and possible field trips that require time outside of class.

**Chamber Orchestra**

**Course #7526/7527**

Prerequisite: Orchestra and Teacher approval

Location: Carmichael, Chief Joseph, Libby

Length: Year

Open to: Grades 6-8

Satisfies: Elective

This group is for students who want a challenge and gain additional experience and technical skills while performing in a large ensemble. Students will learn advanced techniques in vibrato, shifting, and bowings. Their listening and critical-thinking skills will be enhanced as students analyze and critique their individual and group performances; defend or argue critiqued work to better enhance their art. This course requires students to participate in day and evening performances.

**MS Guitar**

**Course #7124**

Prerequisite: None

Location: Enterprise

Length: Semester

Open to: Grades 7-8

Satisfies: Elective

Students will be able to learn, study and perform on the guitar. All experience levels are welcome, as the instructor will be able to assist all students in advancing their skill areas. Additionally, students will learn about performing, how a "gig" works, and how to amplify their sounds. Recordings and performances may also be a part of the curriculum, depending on the skill area of the student.

**Theater**

**Drama**

**Course #1252**  
**1150**  
**1250**

Prerequisite: None

Location: Chief Joseph, Enterprise, Libby

Length: Semester

Open to: Grades 6-8

Satisfies: Elective

Students learn about movement and acting as they become more comfortable speaking before a live audience. Improvisational games and scenes form much of the curriculum and leads to short performances. Other important aspects of theater, including the American Musical, technical theater, puppetry, Shakespeare, and design will be explored.

## Fine Arts

### Speech / Public Speaking

Course #1070

Prerequisite:	None		
Location:	Carmichael, Libby	Open to:	Grade 6-7
Length:	Quarter	Satisfies:	Exploratory

This course is designed to prepare the students to comfortably and clearly communicate in a public speaking forum. Utilizing the communication EALRs, the students are trained in improvisation, followed by persuasive and expository speaking. Students will be required to make presentations requiring eye contact, poise, proper organization, and visuals in presenting student chosen topics.

### Debate

Course #1260

Prerequisite:	None		
Location:	Carmichael, Libby	Open to:	Grade 8
Length:	Semester	Satisfies:	Exploratory

This course is designed to introduce students to a process/problem-solving approach to current issues. Experience with the Lincoln-Douglas format develops reasoning, creative-thinking, and research skills. Students will become more skilled at speaking publicly, thinking quickly, and responding under pressure by competing in debates about current issues.

## Visual

### 6<sup>th</sup> Grade Art

Course #7050

Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 6
Length:	Quarter	Satisfies:	Elective

This course covers drawing, painting, mixed media, and ceramic sculpture as students learn and apply the elements and the principles of art.

### 7<sup>th</sup> Grade Art

Course #7150

Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 7
Length:	Quarter or Semester	Satisfies:	Elective

Students will learn to apply the elements of art to creatively solve visual situations. Students explore art media that may include colored pencils, drawing, watercolor, chalk, oil pastels, block prints, mixed media, and ceramic sculpture.

### 8<sup>th</sup> Grade Art

Course #7250

Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 8
Length:	Semester	Satisfies:	Elective

This course reinforces elements and principles of art from the 6<sup>th</sup> and 7<sup>th</sup> grade programs by applying those "tools" to art history and process art. Students will enjoy several mediums such as drawing, painting, mixed media, found objects, and ceramic sculpting focusing on two- and three-dimensional artwork. Projects will be linked to art history lessons, self-evaluation, and critical thinking skills.

**MS Orientation to Art 2D**

PCOA Course #71540

Prerequisite:	None		
Location:	PCOA	Open to:	Grade 8
Length:	Semester	Satisfies:	Elective

Where do super heroes come from? They live in the action-filled pages of comic books. Who gives them their super powers? It's the creative artist who puts energy and excitement into every drawing. You too can create your own super heroes and discover the power you hold in your pencil. Using the tools, tricks, and techniques of professional artists, you will create people and objects that leap off the page. You will start with your sketchbook and put down your ideas and impressions. You will develop those ideas by using lines, colors, composition, and perspective. You will finish with a collection of original artwork that tells the story your way. In this course you will experience the creative processes used by all artists. You will learn how to analyze, interpret, and evaluate art. But most of all, you will have a portfolio of work that demonstrates your own skill and creativity as an artist. Students will need access to a scanner or a digital camera for submitting work for this course. In addition, students will need to use some basic art supplies.

**MS Visual Art 1**

PCOA Course #71560

Prerequisite:	None		
Location:	PCOA	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Ever wonder about how you can create art? In MJ Visual Art 1, you'll connect with art created by other artists as you learn how to plan, create, and reflect on your own art. You'll discover tools and techniques artists use as you create your own drawings, sculptures, paintings, photographs, and mixed-media works.

**MS Visual Art 2**

PCOA Course #71570

Prerequisite:	None		
Location:	PCOA	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Ready to continue your artistic journey? In MJ Visual Art 2, you will explore artistic themes as you continue to plan, create, and reflect on your own art. You'll work to grow your artistic skills and will experiment with mediums and techniques you've already experienced while learning to use even more!

**Drawing 1**

Course #7260

Prerequisite:	None		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Drawing 1 will focus on 2D artwork created with solid media. Of course, there could be an overlap with other styles of creating art such as painting and sculpture, but the focus will remain on 2D artworks created with solid media. This may include working with pencil, charcoal, colored pencil, pastel, oil pastel and other solid media. Students will learn about using the creative process. Lessons may include Atmospheric Perspective, Linear Perspective, Color Theory, Human Form and Faces and other creative endeavors.

**Drawing 2**

Course #7261

Prerequisite:	Drawing 1		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Drawing 2 will focus on 2D artwork created with solid media. Of course, there could be an overlap with other styles of creating art such as painting and sculpture, but the focus will remain on 2D artworks created with solid media. This may include working with pencil, charcoal, colored pencil, pastel, oil pastel and other solid media. Students will learn about using the creative process. Lessons may include Atmospheric Perspective, Linear Perspective, Color Theory, Human Form and Faces and other creative endeavors. Students must take

**Painting 1 - MS**

Course #7154

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Prerequisite:	None		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Painting 1 will focus on 2D artwork created with liquid or gelatinous media. Of course, there could be an overlap with other styles of creating art such as drawing and sculpture, but the focus will remain on 2D artworks. This may include working with watercolor, tempera, ink, acrylic and other liquid, or gelatinous media.

**Painting 2 - MS**

Course #7155

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Prerequisite:	Painting 1		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Painting 2 will focus on 2D artwork created with liquid or gelatinous media. Of course, there could be an overlap with other styles of creating art such as drawing and sculpture, but the focus will remain on 2D artworks. This may include working with watercolor, tempera, ink, acrylic and other liquid, or gelatinous media. Students will expand their knowledge from Painting 1 by using previously learned techniques, while also learning new techniques and taking on more challenging assignments.

**Sculpting 1**

Course #7022

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Prerequisite:	None		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Sculpture will focus on 3D artwork. Of course, there will be an overlap with other styles of creating art such as drawing and painting, but the focus will remain on 3D artworks. This may include working with clay, paper mâché, other paper craft, plaster/plaster cloth, wire and other sculpture making materials. Students will learn many ways of creating sculpture, while referencing artists and artwork from the discipline of sculpture. Students will learn about the creative cycle, how to manipulate various hand tools, and practice measuring skills.

**Sculpting 2**

Course #8023

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Prerequisite:	Sculpting 1		
Location:	Carmichael	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Elective

Sculpture will focus on 3D artwork. Of course, there will be an overlap with other styles of creating art such as drawing and painting, but the focus will remain on 3D artworks. This may include working with clay, paper mâché, other paper craft, plaster/plaster cloth, wire and other sculpture making materials. Students will learn many ways of creating sculpture, while referencing artists and artwork from the discipline of sculpture. Students will learn about the creative cycle, how to manipulate various hand tools, and practice measuring skills.

# Health

## Middle School

### Health 1

(1 quarter)

### Health 2

(1 quarter)

### MS Health

(1 Semester - PCOA)

## High School

### Health

(1 semester)

*During 9<sup>th</sup> or 10<sup>th</sup> Grade*

### Health 1

**Course #4050**

Prerequisite: None

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Quarter

Open to: Grade 6-7

Satisfies: Requirement

This course provides students with understanding for healthful and safe living. Students will participate in activities and discussions about nutrition and fitness, decision-making, stress management, self-esteem, healthy relationships, refusal skills, substance abuse/use, communicable (including AIDS) and non-communicable diseases, injury prevention and personal safety.

### Health 2

**Course #4150**

Prerequisite: None

Location: Carmichael, Chief Joseph, Enterprise, Libby

Length: Quarter

Open to: Grade 6-7

Satisfies: Requirement

Students will continue learning about living healthy and safe lives. Information from this class will follow Washington State Health curriculum guidelines. Activities and discussions will center on the topics of nutrition, fitness, body systems, healthy relationships, decision-making, stress management, mental and emotional health, communicable diseases (including AIDS) and non-communicable diseases, and drug abuse/use.

### MS Health

PCOA Course #40500

Prerequisite: None

Location: PCOA

Length: Semester

Open to: Grade 6-7

Satisfies: Requirement

Students will continue learning about living healthy and safe lives. Information from this class will follow Washington State Health curriculum guidelines. Activities and discussions will center on the topics of nutrition, fitness, body systems, healthy relationships, decision-making, stress management, mental and emotional health, communicable diseases (including AIDS) and non-communicable diseases, and drug abuse/use.

# Language Arts

## Middle School

<p><b>Language Arts Support Programs</b></p> <p>Each school provides alternate or supplemental instruction in Language Arts for students who qualify</p>	<p><b>English Language Arts</b> <i>Grade 6</i></p>	<p><b>Advanced English Language Arts</b> <i>Grade 6</i></p>
	<p><b>English Language Arts</b> <i>Grade 7</i></p>	<p><b>Advanced English Language Arts</b> <i>Grade 7</i></p>
	<p><b>English Language Arts</b> <i>Grade 8</i></p>	<p><b>Advanced English Language Arts</b> <i>Grade 8</i></p>

## High School

<p><b>Language Arts Support Programs</b></p> <p>Each school provides alternate or supplemental instruction in Language Arts for students who qualify</p>	Language Arts 9 or Language Arts 9 Honors
	Language Arts 10 or Language Arts 10 Honors
	American Literature or AP – Language & Composition (CWU ENG 101) or Language Arts 11
	<p style="text-align: center;"><u>Senior Writing &amp; Literature Courses:</u></p> <p>AP English Literature and Composition                  AP Research                  AP Seminar                  AVID 12*^                  Bridge to College Language Arts                  British / World Literature                  College Composition                  Contemporary Literature                  Creative Writing                  Drama as Literature                  Journalism 1 (PCOA)^                  English IV (PCOA)                  Language Arts 12                  Latin American Literature                  Medical Terminology                  Mythology                  Science Fiction                  Senior Literature &amp; Composition: Athletes &amp; Society                  Senior Writing                  Shakespeare                  Speech                  Survey of Literature                  Teaching Academy*<sup>◊</sup>                  Technical English*                  Women Writers                  Writing Production</p> <p>Note: <i>Some senior writing and senior literature courses listed above are offered as College in the High School courses – check with your counselor for a complete list.</i></p>

**6<sup>th</sup> Grade English Language Arts**

**Course #1010/1011**  
PCOA Course #10100/10110

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Prerequisite:	None	Open to:	Grade 6
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	Requirement
Length:	Year		

Literature to be studied will include novels, poetry, short stories, folk tales, drama, and non-fiction with the purpose of allowing students to experience and enjoy a wide variety of written materials. The novels studied focus on diversity of characters and events as well as the many ways people endure through change and conflict. Students will also review, develop, and strengthen their abilities in writing by focusing on the writing process with special emphasis on Content and Ideas, Organization, Style (COS), and Conventions (CON). Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

**Advanced 6<sup>th</sup> Grade English Language Arts**

**Course #1034/1035**

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Prerequisite:	Students qualify based on district criteria for placement in Hi-Cap Language Arts	Open to:	Grade 6
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Satisfies:	Requirement
Length:	Year		

Studies will focus on advanced reading with both individual choice and group texts and will include a strand on author styles. Advanced writing will focus on the writing process with particular emphasis on revision and include an individualized workshop approach. Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

**7<sup>th</sup> Grade English Language Arts**

**Course #1110/1111**  
PCOA Course #11100/11110

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Prerequisite:	None	Open to:	Grade 7
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	Requirement
Length:	Year		

Literature to be studied will include novels, short stories, poetry, and plays with literal as well as figurative journeys. Writing will reinforce skills learned in 6<sup>th</sup> grade while stressing analysis of students' own writing and the writing of others. Instruction will focus on the writing process with emphasis on Content and Ideas, Organization, Style (COS), and Conventions (CON). Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

**Advanced 7<sup>th</sup> Grade English Language Arts**

**Course #1134/1135**

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Prerequisite:	Students qualify based on district criteria for placement in Hi-Cap Language Arts	Open to:	Grade 7
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Satisfies:	Requirement
Length:	Year		

Studies will focus on advanced reading, writing, and discussion with particular emphasis on the varied purposes and approaches for both reading and writing. Grammar usage studies including analysis of parts of speech will be enhanced by a study of Greek and Latin stems. Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

## Language Arts

### 8<sup>th</sup> Grade English Language Arts

**Course #1210/1211**  
PCOA Course #12100/12110

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Prerequisite:	None	Open to:	Grade 8
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	Requirement
Length:	Year		

Literature to be studied will include novels, short stories, poetry, and plays about adolescents' struggles to define themselves. Through written composition students will explore relationships between literature and their own lives. Students will discuss solutions to problems, create dialogue on paper, and write in a variety of genres using more sophisticated and appropriate Content and Ideas, Organization, Style (COS), and Conventions (CON). Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

### Advanced 8<sup>th</sup> Grade English Language Arts

**Course #1234/1235**

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Prerequisite:	Students qualify based on district criteria for placement in Hi-Cap Language Arts	Open to:	Grade 8
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Satisfies:	Requirement
Length:	Year		

Studies will focus on advanced reading and writing methods. Techniques may include literature circles and discussions involving Socratic Seminar. Holocaust studies will be enriched by utilizing varied resources which may lead to an open-ended project. Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration.

### Media Productions

**Course #8524/8425**

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Prerequisite:	None	Open to:	Grade 8
Location:	Chief Joseph	Satisfies:	ELA/Elective
Length:	Year		

Broadcasting - ELA 8 is an immersive literature experience where students will learn and apply language through stories, scripts, and the medium of video and audio broadcasting. Literature to be studied will include novels, short-stories, scripts, and plays in content related to adolescents' struggles to define themselves. Through written composition and applied media content students will explore relationships between literature and their own lives. Students will discuss solutions to problems, create dialogue on paper, and write in a variety of genres using more sophisticated and appropriate Content and Ideas, Organization, Style (COS), and Conventions (CON). Students will strengthen their abilities in writing across purposes (narrative, informational/explanatory, and argumentative writing) through engagement in the writing process, with emphasis on purpose/organizing and evidence/elaboration. This course is aligned to Washington State ELA Common Core Standards.

### Reading

**Course #1020/1021**  
**#1122/1123**  
**#1222/1223**  
PCOA Course #10200/10210

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Prerequisite:	Placement	Open to:	Grades 6-8
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	Exploratory
Length:	Quarter to Year		

This class is designed to help those students who are struggling with reading skills. The class focuses on comprehension, decoding, and fluency. Placement in this course is by assessment only. Students exit course by successfully meeting benchmark assessment criteria.

# Mathematics

## Middle School

**Mathematics Support Programs**  
 Each school provides alternate or supplemental instruction in Mathematics for students who qualify

**General Math 1**  
*Grade 6*

**General Math 2**  
*Grade 6*

**Pre-Algebra**  
*Grade 6*

**General Math 2**  
*Grade 7*

**Pre-Algebra**  
*Grade 7*

**Algebra 1**  
*Grade 7*

**Pre-Algebra**  
*Grade 8*

**Algebra 1**  
*Grade 8*

**Geometry**  
*Grade 8*

**Math in Action**  
*Grade 7 (CJMS)*

## High School

<p><b>Mathematics Support Programs</b></p> <p>Each school provides alternate or supplemental instruction in Mathematics for students who qualify</p>	<ul style="list-style-type: none"> <li>Algebra 1</li> <li>Algebra 2</li> <li>Algebra 2 / Trig<sup>◊</sup> (CWU Math 152)</li> <li>Algebra 2 Honors</li> <li>AP Calculus<sup>◊</sup> (CWU Math 172/173)</li> <li>AP Computer Science A* [3<sup>rd</sup> year math credit available]</li> <li>AP Statistics*<sup>◊</sup> (CWU Math 130)</li> <li>Bridge to College</li> <li>Calculus III<sup>◊</sup> (CWU Math 272/273)</li> <li>Computer Science Discoveries 1 &amp; 2 [3<sup>rd</sup> year math credit available]</li> <li>Consumer Mathematics (PCOA)</li> <li>Cyber Security (0.5 3<sup>rd</sup> year math credit available)</li> <li>Financial Algebra &amp; Statistics</li> <li>Geometry</li> <li>Honors Geometry</li> <li>Integrated Math 1</li> <li>Integrated Math 2</li> <li>Integrated Math 3</li> <li>Integrated Math 4</li> <li>Introduction to Computer Science (3<sup>rd</sup> year math credit available)</li> <li>Metals Manufacturing Technology 1*</li> <li>Metals Manufacturing Technology 2*</li> <li>Modeling Our World with Mathematics</li> <li>Pre-Calculus<sup>◊</sup> (CWU Math 153/154)</li> <li>Pre-Calculus Honors<sup>◊</sup> (CWU Math 153/154)</li> <li>Probability &amp; Statistics (PCOA)</li> <li>Statistics<sup>^</sup></li> </ul>
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**General Math 1****Course #2010/2011**  
PCOA Course #20100/20110

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Prerequisite:	Students will be placed based upon their previous math course level and student achievement data		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open To:	Grade 6
Length:	Year	Satisfies:	Requirement

In General Math 1, instructional time will focus on: 1) connecting ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; 2) Completing understanding of division of fractions and extending the notion of number to the system of rational numbers, which include negative numbers; 3) Writing, interpreting, and using expressions and equations; and 4) Developing an understanding of statistical thinking.

**General Math 2****Course #2110/2111**  
PCOA Course #21100/21110

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Prerequisite:	Students will be placed based upon their previous math course level and student achievement data		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open To:	Grade 6 or 7
Length:	Year	Satisfies:	Requirement

In General Math 2, instructional time will focus on: 1) developing understanding of and applying proportional relationships; 2) developing understanding of operations with rational numbers and working with expressions and linear equations; 3) solving problems involving scale drawings and informal geometric constructions, and working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; and 4) drawing inferences about populations based on samples.

**Math in Action****Course #2062/2063**

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Prerequisite:	None		
Location:	Chief Joseph	Open To:	Grade 7
Length:	Year	Satisfies:	Requirement

This 7th grade math option brings math to life. Students will engage in the 7th grade math standards and apply them through a project-based approach with engineering practices.

**Pre-Algebra****Course #2120/2121**  
PCOA Course #21200/21210

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Prerequisite:	Students will be placed based upon their previous math course level and student achievement data		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open To:	Grade 6-8
Length:	Year	Satisfies:	Requirement

In Pre-Algebra, instructional time will focus on: 1) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; 2) grasping the concept of a function and using functions to describe quantitative relationships; 3) analyzing two- and three-dimensional space and figures using distance, angle, similarity, and congruence, and understanding and applying the Pythagorean Theorem.

**Algebra 1**

**Course #2440/2441**  
PCOA Course #24400/24410

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Prerequisite: Students will be placed based upon their previous math course level and student achievement data  
 Location: Carmichael, Chief Joseph, Enterprise, Libby, PCOA      Open To: Grade 7-8  
 Length/Credit: Year / 1.0 Credit      Satisfies: 1.0 HS Math Credit  
 Note: This is a high school course taught in middle school and will appear on high school transcript.

Topics in the first semester of this course include operations on signed numbers, linear equations and inequalities, properties of polynomials, graphing linear equations and inequalities, and an introduction to absolute value. The second half of the year includes solving systems of equations, polynomials in more than one variable, radicals and radical expressions, rational algebraic expressions, and a brief introduction to quadratic equations. The foundations of algebra and its relationship to geometry will be explored with emphasis placed on practical applications to many different fields. This is a good basic course for students with technical careers or college in mind.

**Geometry**

**Course #2550/2551**  
PCOA Course#25500/25510

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Prerequisite: Successful completion of Algebra 1  
 Location: Carmichael, Chief Joseph, Enterprise, Libby, PCOA      Open to: Grades 8  
 Length/Credit: Year / 1.0 Credit      Satisfies: 1.0 HS Math Credit  
 Note: This is a high school course taught in middle school and will appear on high school transcript.

This course continues to develop the concepts in Algebra through an emphasis on coordinate graphing and measurement. It is a study of proofs in geometric settings followed by applications relating to areas, perimeters, circumference, and angle measures of various polygons and circles. Some study is done in relation to special topics such as prisms, pyramids, spheres, cylinders, and cones. This is an essential course for all college bound students and students interested in engineering, business, and technical fields.

# Physical Education

## Middle School

**Physical Education**  
*Grade 6*

**Physical Education**  
*Grade 7*

**Physical Education**  
*Grade 8*

## High School

Advanced Strength Training – RHS Athletic Strength & Conditioning – HHS Basketball – RHS Fitness & Sports – HHS General Physical Education Health Opportunities through Physical Education – PCOA JROTC – Leadership Education & Training 1*– HHS JROTC – Leadership Education & Training 2*– HHS JROTC – Leadership Education & Training 3*– HHS JROTC – Leadership Education & Training 4*– HHS JROTC – Rifle Marksmanship 1* – HHS JROTC – Rifle Marksmanship 2* – HHS	Kinesiology & Exercise Science 1* Kinesiology & Exercise Science 2* Kinesiology & Exercise Science 3* <sup>o</sup> Life Management Skills - PCOA Power Walking/Fitness Racquet Sports – RHS Super Fit – RHS Team Sports – RHS & REHS Volleyball – RHS Weights & Agility – RHS
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**Physical Education**

**Course #6010** – PCOA #60100  
**#6110** – PCOA #61100  
**#6210** – PCOA #62100

Prerequisite:	None	Open To:	Grades 6-8
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	PE Requirement
Length:	Semester		

Physical Education is a required course for the Middle school students. This class encourages fitness for life through aerobic activities and organized individual and team games. Students will be guided to improve their health through the four basic components of physical fitness: muscular endurance, muscular strength, flexibility, and cardiorespiratory endurance. Students will be tested on the Presidents Fitness Challenge. Sixth and Seventh grade students will be introduced to the F.I.T.T. (Frequency, Intensity, Time, Type) principle.

# Science

## Middle School

### Earth Science

*Grade 6*

### Life Science

*Grade 7*

### Physical Science

*Grade 8*

### Integrated Science

*Grade 6, 7, 8*

### Eco-Medical Science

*Grade 7 (CJMS)*

## High School

### Chemistry

Chemistry  
AP Chemistry

### Earth Science

Astronomy  
Earth Science  
Earth Science 9  
Geology  
Meteorology

### Engineering

AP Computer Science A\*  
Innovation Space  
Introduction to Computer Science\*  
Computer Science Discoveries 1 & 2  
Metals Manufacturing Technology 1\*  
Metals Manufacturing Technology 2\*  
Materials Science Engineering\*<sup>o</sup>  
Materials Science Engineering 2\*<sup>o</sup>  
Robotics\*  
Sustainable Technology\*

### Integrated Science

Food Science\*<sup>o</sup>  
General Science 1 & 2  
Integrated Science 1  
Integrated Science 2  
Integrated Science 3  
Physical Science  
Physical Science 9

### Living Science

Biology  
Biology – Animal Science\*  
AP Biology  
Biomedical Science\*  
Biotechnology 1\*  
Biotechnology 2\*  
Advanced Plant Science\*  
AP Environmental Science  
Ecology & Biodiversity  
Human Anatomy & Physiology  
Honors Human Anatomy & Physiology  
Introduction to Agriculture, Food and Natural Resources\*  
Marine Biology  
Zoology

### Physics

Physics<sup>o</sup> CWU PHYS 111/112  
AP Physics 1<sup>o</sup> CWU PHYS 111/112  
AP Physics C<sup>o</sup> CWU PHYS 111/112  
AP Physics 2<sup>o</sup> CWU PHYS 181/182

**Earth Science****Course #4010/4011**

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 6
Length:	Year	Satisfies:	Requirement

This course focuses on the study of the Earth. Relationships between the Earth and space will be studied. Additional topics will include the various Earth systems and their effects on each other. Students will communicate their understanding of the world and solve problems pertaining to real-life situations. Some activities may include inquiry-designed experiments, applications, and activities.

**Eco-Medical Science****Course #8624/8625**

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Prerequisite:	None		
Location:	Chief Joseph	Open to:	Grade 7
Length:	Year	Satisfies:	Requirement

This hands-on course combines the investigative skills of medical science with ecological exploration. Students solve medical mysteries by analyzing vital signs, genetics, and disease outbreaks while studying ecosystems, biodiversity, and the impact of the environment on health. Through experiments, fieldwork, and problem-solving, they explore the connections between human health and the natural world, developing critical thinking and teamwork skills to address real-world challenges.

**Life Science****Course #4110/4111**

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 7
Length:	Year	Satisfies:	Requirement

Course content focuses on the study of living things. Topics include: interactions between living things; processes which support life; relationships among organisms; genetics and the study of life on a microscopic level; and interrelationships between science, technology, and society. Students will problem-solve and apply their knowledge of living systems. Some activities may include inquiry-designed experiments, applications, and activities. There may also be lab activities and library research.

**Physical Science****Course #4210/4211**

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 8
Length:	Year	Satisfies:	Requirement

This course focuses on the study of Physics and Chemistry. Concepts of physical properties, such as energy, force, motion, matter, and their effects on each other, will be discussed. Chemical mixtures, solutions, compounds, systems, elements, and reactions will also be areas of study. Students will be able to understand, communicate and apply the inquiry and design process. Some activities may include lab experience.

**MS Integrated Science I****Course #4320/4321**  
PCOA Course #43200/43210

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Prerequisite:	None		
Location:	HomeLink, PCOA	Open to:	Grade 6-8
Length:	Year	Satisfies:	Requirement

This is an engaging, inquiry-based yearlong course that is aligned with NGSS for grades 6<sup>th</sup> through 8<sup>th</sup>. This course will explore topics related to life, earth, and physical science. Students will look at concepts found in matter and energy, forces and motion, and earth and organisms and their environments. Topics will include scientific methods and procedures.

**MS Integrated Science II**

PCOA Course #43240/43250

Prerequisite: None  
Location: PCOA  
Length: Year

Open to: Grade 6-8  
Satisfies: Requirement

This is a comprehensive science including the disciplines of life science, physical science, and earth space science in addition to technology, engineering, and mathematics (STEM) concepts. The course is designed for middle school students. The lessons provide real world connections through the application of STEM problem solving, science knowledge and engineering practices. Laboratory investigations are included throughout the course and provide students opportunities for exploration through scientific inquiry, research, measurement, problem solving and experimental procedures.

**MS Integrated Science III**

PCOA Course #43260/43270

Prerequisite: None  
Location: PCOA  
Length: Year

Open to: Grade 6-8  
Satisfies: Requirement

Prepare for high school science courses with this introduction of new topics and review of science basics. You will learn more about the nature of science, Earth and space science, properties of matter, changes in matter, matter and energy, and energy flow.

# Social Studies

## Middle School

**World Geography / Ancient Civilizations**

*Grade 6*

**Washington State History**

*(One Semester) Grade 7*

*HS Credit*

**Washington in the World**

*(One Semester) Grade 7*

**United States History**

*Grade 8*

**MS History**

*Grade 6, 7, 8*

## High School

### **9<sup>th</sup> & 10<sup>th</sup> Grade**

Ancient / Medieval History  
AP Human Geography  
AP Seminar  
AP World History  
Modern World History  
Modern World History 2 (REHS)  
U.S. History I (HHS)  
World Geography

### **11<sup>th</sup> & 12<sup>th</sup> Grade**

AP Psychology (HHS)  
AP Seminar  
AP Research  
AP U.S. History  
AP U.S. Government & Politics  
Business & Personal Law  
Economics  
International Problems  
JROTC – American Military History\* (HHS)  
Psychology  
Sociology  
U.S. Government  
U.S. History I (RHS)  
U.S. History II

**World Geography and Ancient Civilizations**

**Course #3010/3031**  
PCOA Course #30100/30310

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open to:	Grade 6
Length:	Year	Satisfies:	Requirement

Students will understand the development of the world community within the context of history by examining the past. This curriculum provides a search into the past starting with primitive humans and moving through ancient civilizations, the Middle Ages and the Renaissance. Students will be introduced to cultures, traditions, geography, political makeup, and economics. The location of continents, countries, and physical landforms, as well as evolving political boundaries will be studied within the context of each civilization studied.

**Washington State History**

**Course #3430**  
PCOA Course #34300

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open to:	Grade 7
Length:	Semester /0.5 Credit	Satisfies:	0.5 Social Studies Choice

Note: This is a high school course taught in the middle school and will appear on high school transcript.

This course is a survey of Washington State history from discovery and settlement to the present day. If Washington State History is not successfully completed in grade 7; it must be taken and passed during grades to fulfill graduation requirement.

**Washington in the World History**

**Course #3111**  
PCOA Course #31110

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Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Open to:	Grade 7
Length:	Semester	Satisfies:	Requirement

The purpose of this course is to enable students to understand the development of the world community within the context of history by examining the past. This curriculum covers the economics, geography, government and history of various countries around the world.

**MS History**

**Course #3320**

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Prerequisite:	None		
Location:	HomeLink	Open to:	Grade 6-8
Length:	Semester	Satisfies:	Requirement

This is a year-long course where the student will develop an understanding in one or more of the four core disciplines within social studies: civics, economics, geography, and history. MS History will meet the learning standards that are related to the discipline/s addressed in the chosen curriculum. This course includes the following topics, but are not limited to, branches of government, mapping and cultural characteristics, cause and effects of historical events as well as important historical figures and their contribution to society. This course can be a three-year course.

### **MS World History I**

PCOA Course #32200/32210

Prerequisite: None  
Location: PCOA  
Length: Year

Open to: Grade 6  
Satisfies: Requirement

Somebody discovered the wheel. Somebody discovered written communication. Somebody even figured out how to count to ten. From the ancient river civilizations to China and its ancient dynasties, different civilizations left their mark on history. They also left their mark on how we live today. In this course, students join travel agent Mr. Lightfoot to travel back in time digging out the past of these ancient civilizations. In ancient Egypt students visit the pyramids and find out the secrets of preserving mummies. They see how the Mayans developed astronomy to a precise science. They even investigate the difference between the Athenians and the Spartans. Students will journey through India discovering their contributions to medicine, moving on to Africa to follow the rise and fall of the ancient east African kingdoms of Kush and Axum. Throughout the centuries, and still today, our world is made up of dozens of different cultures. They all are different, and they all have made big contributions to what we know and who we are.

### **MS World History II**

PCOA Course #32240/32250

Prerequisite: None  
Location: PCOA  
Length: Year

Open to: Grade 7  
Satisfies: Requirement

Studying history helps students connect events from the past to the world around them. In this course, students examine civilizations that have left their mark on history. They join travel agent Mr. Lightfoot in a journey back in time digging through the past and examining its impact on our world today.

### **United States History**

**Course #3214/3215**  
PCOA Course #32140/32150

Prerequisite: None  
Location: Carmichael, Chief Joseph, Enterprise, Libby, PCOA  
Length: Year

Open to: Grade 8  
Satisfies: Requirement

Students will understand the development of the United States within the context of history by examining connections to the past to prepare for the future. This course covers the United States from its inception through the Civil War and Reconstruction.

# World Languages

## Middle School

*Each course one year*

These offerings may vary each year based on student enrollment and staffing.

**American Sign Language 1**

*Grade 8*

**French 1**

*Grade 8*

**German 1**

*Grade 8*

**MS Beginning Spanish**

*Grade 6-8 (PCOA)*

**MS Intermediate Spanish**

*Grade 6-8 (PCOA)*

**Spanish 1**

*Grade 8*

**Spanish MS\_A**

*Grade 6-8 (CMS)*

**Spanish MS\_B**

*Grade 6-8 (CMS)*

## High School

### American Sign Language

American Sign Language (ASL) 1\*  
 American Sign Language (ASL) 2\*  
 American Sign Language (ASL) 3\*

### French

French 1  
 French 2  
 French 3  
 UW French 103 (RHS)  
 French 4/5  
 French 5  
 UW French 201 (RHS)

### German

German 1  
 German 2  
 German 3  
 German 4/5  
 AP German

### Spanish

Spanish 1  
 Spanish 2  
 Spanish 3  
 Spanish 4  
 AP Spanish  
 AP Spanish Literature  
 Spanish for Native Speakers 1  
 Spanish for Native Speakers 2

**American Sign Language 1\*****Course #5510/5511**

Prerequisite: None  
Location: Hanford HS, Richland HS  
Length/Credit: Year / 1.0 credit  
NCAA: Course is NCAA Approved  
Open to: Grade 8-12  
Satisfies: 1.0 Occupational or 1.0 Elective  
Note: This is a high school course taught in middle school and will appear on high school transcript.

American Sign Language is the language of the Deaf Community. This two-part course provides an opportunity for personal enrichment, career opportunities, and/or college entrance. This communication consists of signs and fingerspelling. This course consists of vocabulary, ASL grammar, deaf culture, deaf history, interpreting as a career, and much more. All public four-year colleges and universities in Washington State accept ASL to satisfy a World Language requirement.

**French 1****Course #5430/5431**

Prerequisite: None  
Location: Hanford HS, Richland HS  
Length/Credit: Year / 1.0 credit  
NCAA: Course is NCAA Approved  
Open to: Grades 8-12  
Satisfies: 1.0 Elective  
Note: This is a high school course taught in middle school and will appear on high school transcript.

Students acquire moderate linguistic proficiency in such areas as self-description, classes and school supplies, time, weather, hobbies and sports, food and restaurants, and family life. Oral communication is stressed. We will cover basic grammatical skills in the present and past tenses. Students are exposed to French culture through a variety of materials and activities including art, music, dance, and research projects.

**German 1****Course #5440/5441**

Prerequisite: None  
Location: Hanford HS, Richland HS  
Length/Credit: Year / 1.0 credit  
NCAA: Course is NCAA Approved  
Open to: Grades 8-12  
Satisfies: 1.0 Elective  
Note: This is a high school course taught in middle school and will appear on high school transcript.

Students acquire proficiency to confidently communicate in situations centered on self and family description, family life, shopping, hobbies, school interests, weather, and travel. Oral communication in authentic situations is stressed. Students are introduced to German culture through a variety of activities involving, art, music, and skits. Students study basic grammatical skills of German including the present tense, use of helping verbs, and the accusative case.

**MS Beginning Spanish**

PCOA Course #50200/50210

Prerequisite: None  
Location: PCOA  
Length/Credit: Year / 1.0 Credit  
Open to: Grade 6-8  
Satisfies: Elective

Immerse yourself in the beauty of the Spanish language and the richness of its diverse cultures. Learn beginning grammar and vocabulary skills to help build basic fluency and language proficiency. Explore the culture of Spanish-speaking countries and apply what you learn through written practice, listening, and speaking exercises.

**MS Intermediate Spanish**

PCOA Course #51200/51210

Prerequisite:	None	Open to:	Grade 6-8
Location:	PCOA	Satisfies:	Elective
Length/Credit:	Year / 1.0 Credit		

Immerse yourself in the beauty of the Spanish language and the richness of the diverse cultures of the people who speak it. Continue learning grammar and vocabulary skills to help build basic fluency and language proficiency while exploring more of the culture of Spanish-speaking countries.

**Spanish MS\_A**

**Course #5020\_A**

Prerequisite:	None	Open to:	Grades 6-8
Location:	Carmichael	Satisfies:	Elective
Length:	Semester		

Students will be able to communicate in all 4 modes in the target language at a novice level about topics of personal interest and daily life. They will be able to identify Spanish-speaking countries along with some cultural customs.

**Spanish MS\_B**

**Course #5020\_B**

Prerequisite:	Spanish A	Open to:	Grades 6-8
Location:	Carmichael	Satisfies:	Elective
Length:	Semester		

Students will be able to communicate in all 4 modes in the target language at a novice or intermediate level, on topics of personal interest and daily life, making connections and comparisons for language and culture.

**Spanish 1**

**Course #5420/5421**

PCOA Course #54200/54210

Prerequisite:	None	Open to:	Grade 8
Location:	Carmichael, Chief Joseph, Enterprise, Libby, PCOA	Satisfies:	Elective
Length/Credit:	Year / 1.0 Credit		

Note: This is a high school course taught in middle school and will appear on high school transcript.

Students acquire moderate proficiency in listening, speaking, reading, and writing by studying fundamental Spanish vocabulary and grammar. They are also introduced to the cultures of various Spanish-speaking countries.

## Additional MS Electives

### Additional Middle School Electives

#### Leadership

Course #9070 / #9120 / #9220

Prerequisite:	None		
Location:	Carmichael, Chief Joseph, Enterprise, Libby	Open to:	Grade 6-8
Length:	Quarter/Semester	Satisfies:	Elective

This course will explore the characteristics of positive leaders. Students will develop personal leadership skills by planning and managing school activities and by taking part in community projects. They will also practice problem-solving, learn to communicate effectively, and work collaboratively in groups.

#### Leadership MS

Course #9225

Prerequisite:	None		
Location:	Carmichael	Open to:	Grades 7-8
Length:	Semester	Satisfies:	Elective

This course will explore the characteristics of positive leaders. Students will develop personal leadership skills by planning and managing school activities and by taking part in community projects. They will also practice problem-solving, learn to communicate effectively, and work collaboratively in groups.

#### 6<sup>th</sup> Grade Exploratory World Language

Course #5010

Prerequisite:	None		
Location:	Carmichael, Enterprise	Open to:	Grade 6
Length:	Quarter	Satisfies:	Elective

This class introduces students to basic vocabulary: greetings and goodbyes, introductions, numbers 1-20, colors, days and months, and parts of the body.

#### 7<sup>th</sup> Grade Exploratory World Language

Course #5110

Prerequisite:	None		
Location:	Carmichael, Enterprise	Open to:	Grade 7
Length:	Quarter / Semester	Satisfies:	Elective

Topics introduced may include, but are not limited to: greetings and goodbyes, introductions, numbers 1-100, colors, clothing, food words and restaurant talk.

#### Guided Study

Course #9050 / #9150 / #9250

Prerequisite:	None		
Location:	Carmichael, Enterprise	Open to:	Grades 6-8
Length:	Semester	Satisfies:	Elective

This course will focus on improving study skills while allowing students time to complete homework from other classes. Topics to be studied will include how to study, learning styles, making a schedule, note-taking, outlining, memorizing, reading techniques, improving vocabulary, and test-taking strategies.

#### MS Foundations for Success

Course #9002

Prerequisite:	None		
Location:	Carmichael, Enterprise	Open to:	Grade 6
Length:	Semester	Satisfies:	Elective

This course is designed to support students in the foundational skills needed to be successful in middle school. The emphasis will be on AVID's WICOR (Writing, Inquiry, Collaboration, Organization, and Reading) strategies. A key component of this class will be on organization, as it is a big transition from elementary to middle school.

**MS Peer Counseling I**

PCOA Course #92340

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Prerequisite:	None		
Location:	PCOA	Open to:	Grade 7-8
Length:	Semester	Satisfies:	Exploratory

Build the confidence and skills to succeed in middle school. Discover how your brain changes in amazing ways and how you can grow during this exciting time in your life. Learn how to manage your time, set goals, and get organized. Give your body the energy it needs and learn how to handle stress in positive ways. Make peer pressure work for you instead of against you and learn how to create strong friendships where everyone wins. By the end of your training, you will have higher confidence, new skills for success, and dozens of proven strategies to solve problems quickly and achieve your dreams.

**Mythology**

**Course #1140**

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Prerequisite:	None		
Location:	Carmichael	Open to:	Grade 7
Length:	Quarter	Satisfies:	Exploratory

This class will focus on the stories of powerful gods, lovely goddesses, terrifying creatures, and masterful heroes of ancient Greece and Rome. Students will learn the mythological origin of references in today's world as they study the literature of mythology.

**Yearbook MS**

**Course #9020**

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Prerequisite:	None		
Location:	Carmichael	Open to:	Grades 7-8
Length:	Year	Satisfies:	Exploratory

Students can express themselves through photography, writing, and design, allowing them to explore creative talents in a structured environment. The class teaches valuable skills such as photography, graphic design, journalism, and editing, which are applicable in future academic and professional settings. Producing a yearbook requires teamwork and collaboration, fostering social interaction, communication, and conflict resolution among students. Students learn project management by working on deadlines and handling various tasks, teaching responsibility and time management. Creating the yearbook helps students capture important moments and milestones, promoting a sense of pride and belonging in their school community.

## High School & Beyond Planning

### High School and Beyond Planning Tool

The High School and Beyond Planning tool enables RSD students and their families to seamlessly navigate the High School and Beyond requirements, including interest surveys, Career Planning, and RSD Course Planning.

- Each student in Grade 8-12 has a login and password which matches their network ID.
- Students may make changes to their plans, leave notes to counselors, and plan for life after high school.
- Each students' information follows them from school to school so that plans will grow with them.

See your Counselor, Career Center or the district web site <https://www.rsd.edu/students/course-catalogs-four-year-planning-tool> for more information, or visit Ready Washington at <https://readywa.org/beyond/en/>.

#### FIVE KEY QUESTIONS TO ASK:

1. What are your interests inside and/or outside of school?
2. What is your favorite subject to learn about? Why?
3. What three people do you think have cool jobs? Why?
4. If you could spend a day with any adult at their job, what job would you want to see? What interests you about that job?
5. Is there anything getting in the way of your dreams, and if so, how can I help?

### Career Cluster – What is a Career Cluster?

Students periodically take career interest assessments and investigate Career Clusters that match their personality, interests, and future plans. Students in Richland School District will take a career interest assessment during 8<sup>th</sup> grade. Career Clusters group specific occupations or careers together based on the interests, strengths, and skills of those employed in these areas. All Clusters include a variety of occupations that require different levels of education and training.

Career Cluster	Possible Careers	
 <p><i>Do you enjoy working with animals? Do you like science classes? Are you interested in protecting the environment? Do you enjoy working outdoors?</i></p>	<ul style="list-style-type: none"> <li>Agricultural Engineers</li> <li>Agricultural Products Graders and Sorters</li> <li>Agricultural Scientists</li> <li>Agricultural Worker Supervisors</li> <li>Animal Breeders</li> <li>Animal Caretakers</li> <li>Animal Scientists</li> <li>Bakers</li> <li>Commercial Fishers</li> <li>Craft Brewers</li> <li>Environmental Engineering Technicians</li> <li>Environmental Engineers</li> <li>Farm and Ranch Workers</li> <li>Farm Equipment Mechanics</li> <li>Farmers and Farm Managers</li> <li>Food Processing Workers</li> </ul>	<ul style="list-style-type: none"> <li>Food Scientists</li> <li>Foresters</li> <li>Forestry Technicians</li> <li>Hazardous Material Workers</li> <li>Log Graders and Scalers</li> <li>Loggers</li> <li>Meat Cutters</li> <li>Natural Sciences Managers</li> <li>Nursery Workers</li> <li>Pest Control Workers</li> <li>Recycling and Reclamation Workers</li> <li>Trash Collectors</li> <li>Water Treatment Plant Operators</li> <li>Wine Makers</li> <li>Zoologists</li> </ul>
 <p><i>Do you like to work with your hands? Can you visualize objects and projects in your mind? Do you like to create models or make designs? Do you like to work with tools, objects, and numbers?</i></p>	<ul style="list-style-type: none"> <li>Architects</li> <li>Boilermakers</li> <li>Bricklayers and Stonemasons</li> <li>Carpenters</li> <li>Cement Masons</li> <li>Civil Engineers</li> <li>Commercial Divers</li> <li>Construction and Well Drillers</li> <li>Construction Helpers</li> <li>Construction Managers</li> <li>Cost Estimators</li> <li>Crane and Tower Operators</li> <li>Drafters</li> <li>Drywall Finishers</li> <li>Drywall Installers</li> <li>Electrician Helpers</li> <li>Electricians</li> <li>Elevator Installers and Repairers</li> <li>Energy Auditors</li> <li>Explosives Workers</li> <li>Fence Builders</li> <li>Floor and Carpet Layers</li> <li>Floor Sanding Machine Operators</li> <li>Gas and Oil Drillers</li> <li>General Construction Workers</li> <li>Geographic Information Systems Specialists</li> <li>Glaziers</li> <li>Heating and Cooling System Mechanics</li> <li>Highway Maintenance Workers</li> <li>Hoist and Winch Operators</li> <li>Insulation Installers</li> </ul>	<ul style="list-style-type: none"> <li>Interior Designers</li> <li>Landscape Architects</li> <li>Landscapers and Groundskeepers</li> <li>Line Installers and Repairers</li> <li>Material Moving Machine Operators</li> <li>Mechanic and Repairer Helpers</li> <li>Millwrights</li> <li>Mining Machine Operators</li> <li>Operating Engineers and Construction Equipment Operators</li> <li>Painters</li> <li>Paving Equipment Operators</li> <li>Pipelayers</li> <li>Plasterers</li> <li>Plumbers and Pipefitters</li> <li>Riggers</li> <li>Rock Splitters</li> <li>Roof Bolters</li> <li>Roofers</li> <li>Roustabouts</li> <li>Septic Tank Servicers and Sewer Pipe Cleaners</li> <li>Sheet Metal Workers</li> <li>Solar Panel Installers</li> <li>Stationary Engineers</li> <li>Structural Metal Workers</li> <li>Surveying and Mapping Technicians</li> <li>Surveyors</li> <li>Tile Setters</li> <li>Wallpaper Hangers</li> <li>Weatherization Installers and Technicians</li> <li>Wind Energy Project Managers</li> </ul>

## High School & Beyond Planning

Career Cluster	Possible Careers	
 <p><i>Do you like to perform in front of an audience? Is artistic expression important to you? Are you active with the school or community theatre? Does computer animation interest you?</i></p>	<p>Actor Agents and Business Managers Animators and Multimedia Artists Announcers Art Directors Audio-Visual Specialists Bookbinders and Bindery Workers Broadcast Technicians Camera Operators Cartoonists Choreographers Communications Equipment Mechanics Costume and Wardrobe Specialists Dancers Editors Fashion Designers Film and Video Editors Fine Artists Floral Designers Graphic Designers</p>	<p>Industrial Designers Music Composers, Directors, and Arrangers Musicians News Reporters Page Layout Workers Photographers Prepress Workers Printing Press Operators Producers and Directors Professional Bloggers and Podcasters Professional Makeup Artists Proofreaders Set and Exhibit Designers Singers Sketch Artists Sound Engineering Technicians Technical Writers Video Game Designers Video Game Testers Writers</p>
 <p><i>Do you enjoy working with other people? Are you good at working with numbers? Do you like to plan and organize activities?</i></p>	<p>Administrative Services Managers Bookkeeping and Accounting Clerks Business Executives Computer and Information Systems Managers Computer Operators Copy Machine Operators Customer Service Representatives Data Entry Keyers Employee Training Specialists Executive Secretaries File Clerks General and Operations Managers General Office Clerks Geothermal Production Managers Human Resources Assistants Human Resources Managers Human Resources Specialists Hydroelectric Production Managers Industrial Production Managers Interviewing Clerks Job Benefits and Analysis Specialists Library Assistants and Bookmobile Drivers</p>	<p>Mail Carriers Mail Clerks Management Analysts Meeting and Convention Planners Meter Readers New Accounts Clerks Office Managers Operations Research Analysts Order Clerks Payroll and Timekeeping Clerks Postal Clerks Project Managers Purchasing Managers Receptionists Regulatory Affairs Managers Secretaries Shipping and Receiving Clerks Stock Clerks Supply Chain Managers Sustainability Specialists Telephone Operators Typists and Word Processors Wind Energy Operations Managers</p>
 <p><i>Are you patient? Do you like to speak in front of groups? Do you enjoy teaching games to children? Are you outgoing?</i></p>	<p>Adult and Vocational Education Teachers Archivists Coaches and Scouts College and University Administrators Curators Education Administrators Elementary School Teachers Farm and Home Management Advisors High School Teachers Instructional Coordinators</p>	<p>Interpreters and Translators Librarians Library Technical Assistants Middle School Teachers Museum Technicians and Conservators Preschool and Kindergarten Teachers School Counselors Special Education Teachers Teacher Aides University and College Teachers</p>

Career Cluster	Possible Careers	
 <p><i>Do you enjoy working with numbers? Are you interested in the stock market? Do you like to operate calculators? Are you comfortable following detailed plans for work?</i></p>	<p>Accountants and Auditors Actuaries Bank Tellers Bill and Account Collectors Brokerage Clerks Budget Analysts Credit Analysts Credit Checkers and Authorizers Financial Analysts Financial Counselors</p>	<p>Financial Managers Forensic Accountants Insurance Adjusters and Examiners Insurance Agents Insurance Policy and Claims Clerks Insurance Underwriters Loan Clerks Loan Officers Securities Salespeople Tax Preparers</p>
 <p><i>Do you like to plan and organize activities? Are you interested in politics? Would you like to work in another country? Are rules and laws important to you?</i></p>	<p>Agricultural Inspectors Appraisers and Assessors Compliance Officers and Inspectors Construction and Building Inspectors Coroners Court Clerks Emergency Management Specialists Financial Examiners Foreign Service Officers Government Benefits Interviewers</p>	<p>License Clerks Occupational Health and Safety Specialists Postmasters and Mail Superintendents Regulatory Affairs Specialists Statistical Clerks Tax Examiners Transportation Inspectors Transportation Security Screeners Urban and Regional Planners</p>
 <p><i>Are science classes your favorite? Do you enjoy helping people? Have you served as a volunteer in a hospital? Do you follow instructions exactly? Can you work fast in an emergency? Do you take good notes in class?</i></p>	<p>Acupuncturists Allergists and Immunologists Anesthesiologists Art Therapists Athletic Trainers Biomedical Engineers Cardiovascular Technologists and Technicians Chiropractors Dental Assistants Dental Hygienists Dentists Dermatologists Dietetic Technicians Dietitians Exercise Physiologists Family and General Practitioners Genetic Counselors Health Information Technicians Health Services Administrators Home Health Aides Internists Licensed Practical Nurses Medical Assistants Medical Coders and Billers Medical Equipment Preparers Medical Laboratory Technicians Medical Laboratory Technologists Medical Scientists Medical Secretaries Medical Sonographers Medical Transcriptionists MRI Technologists Music Therapists Naturopathic Physicians Nuclear Medicine Technologists Nurse Anesthetist</p>	<p>Nurse Midwives Nurse Practitioners Nursing Assistants Obstetricians and Gynecologists Occupational Therapist Assistants Occupational Therapists Opticians Optometrists Orderlies Orthotic and Prosthetic Specialists Pediatricians Pharmacists Pharmacy Aides Pharmacy Technicians Phlebotomists Physical Therapist Aides Physical Therapist Assistants Physical Therapists Physician Assistants Podiatrists Psychiatric Aides Psychiatric Technicians Psychiatrists Radiation Therapists Radiologic Technologists Radiologists Recreational Therapists Registered Nurses Respiratory Therapists Speech Pathologists and Audiologists Surgeons Surgical Technologists Veterinarians Veterinary Assistants Veterinary Technologists and Technicians</p>

## High School & Beyond Planning

Career Cluster	Possible Careers	
 <p><i>Can you talk easily with all kinds of people and put them at ease? Do you enjoy travel? Do you like to plan family recreational activities? Do you like to cook?</i></p>	Animal Trainers Baggage Porters and Bellhops Bartenders Buspersons Casino Gaming Workers Caterers Chefs and Dinner Cooks Concierges Counter Attendants Fast Food Cooks Food Preparation Workers Food Service Worker Supervisors Golf Course Superintendents Hotel and Motel Managers Hotel Desk Clerks Janitor and Housekeeper Supervisors Janitors	Kitchen Helpers Maids and Housekeepers Movie Projectionists Professional Athletes Recreation Attendants Recreation Guides Recreation Workers Reservation and Ticket Agents Restaurant Hosts Restaurant Managers Short-Order Cooks Tour Guides Travel Agents Umpires and Referees Ushers and Ticket Takers Waiters and Waitresses
 <p><i>Do you help friends with their personal problems? Are you a good listener? Do you care about people and want to help in some way? Have you cared for children or done babysitting?</i></p>	Addictions Counselors Barbers Child Care Workers Clergy Clothes Pressers Community Health Workers Credit Counselors Embalmers Fitness Trainers and Aerobics Instructors Funeral Attendants Funeral Directors and Managers Hairstylists and Cosmetologists Laundry and Dry-Cleaning Workers Manicurists Marriage and Family Therapists Massage Therapists	Mental Health Counselors Personal and Home Care Aides Professional Organizers Psychologists Public Health Educators Rehabilitation Counselors Residential Counselors School Psychologists Skin Care Specialists Social and Community Service Managers Social and Human Service Assistants Social Workers Tailors Tattoo Artists (Marketing) Wedding Planners
 <p><i>Do you enjoy working with computers? Are you organized and able to focus on details? Do you learn new computer programs quickly?</i></p>	Computer Engineers Computer Programmers Computer Systems Administrators Computer Systems Analysts Computer User Support Specialists Database Administrators Information Security Analysts Web Developers	
 <p><i>Are you able to work under pressure? Do you like to help people? Can you work in the face of danger? Are you good at winning arguments?</i></p>	Animal Control Workers Arbitrators and Mediators Bailiffs Border Patrol Agents Corrections Officers Court Reporters Crossing Guards Detectives and Investigators Emergency Medical Technicians Fire Fighters Fire Inspectors Fire Investigators Fish and Game Wardens Forensic Science Technicians Judges and Hearing Officers	Law Clerk Lawyers Legal Secretaries Lifeguards and Ski Patrollers Paralegals Parking Enforcement Officers Police and Detective Supervisors Police Patrol Officers Private Detectives and Investigators Probation Officers Secret Service Agents Security Guards Sheriffs Title Examiners and Searchers

Career Cluster	Possible Careers	
 <p><i>Are you good with working with your hands? Can you explain to others how a machine works? Do you enjoy reading the latest developments in electronics? Can you visualize how a machine works?</i></p>	<p>Airplane Assemblers                      Appliance Installers and Repairers                      Blue-Collar Worker Supervisors                      Building Maintenance Workers                      Cabinetmakers                      Camera and Photographic Equipment Repairers                      Chemical Equipment Operators                      Chemical Plant Operators                      Coin and Vending Machine Repairers                      Computer, ATM, and Office Machine Repairers                      Dental Laboratory Technicians                      Electric Motor Repairers                      Furniture Finishers                      Gas and Oil Plant Operators                      Geothermal Technicians                      Glass Blowers                      Home Electronic Repairers                      Hydroelectric Plant Technicians                      Industrial Electronics Repairers                      Industrial Machinery Mechanics                      Jewelers                      Lens Grinders and Polishers                      Locksmiths                      Machinists                      Manufacturing Production Technicians                      Medical Appliance Technicians                      Medical Equipment Repairers                      Metal and Plastic Processing Workers</p>	<p>Musical Instrument Repairers and Tuners                      Numerical Control Machine Operators                      Numerical Control Tool Programmers                      Packaging and Filling Machine Operators                      Painting and Coating Machine Operators                      Photograph Processing Workers                      Potters                      Power Plant Operators                      Precision Assemblers                      Production and Planning Clerks                      Production Helpers                      Quality Control Inspectors                      Sawing Machine Operators                      Security and Fire Alarm Systems Installers                      Semiconductor Processing Operators                      Sewing Machine Operators                      Shoe and Leather Workers                      Small Engine Mechanics                      Textile Machine Operators                      Tire Building Machine Operators                      Tool and Die Makers                      Tool Grinders                      Upholsterers                      Vehicle Painters                      Watch Repairers                      Welders and Solderers                      Welding and Soldering Machine Operators                      Wind Turbine Technicians                      Woodworking Machine Operators</p>
 <p><i>Do you like to do public speaking or debating? Are you good at organizing your own time? Have you helped convince people to participate in an activity? Are you friendly and outgoing?</i></p>	<p>Advertising Managers                      Advertising Salespeople                      Auctioneers                      Automotive Service Advisors                      Buyers and Purchasing Agents                      Cashiers                      Counter and Rental Clerks                      Demonstrators and Promoters                      Market Research Analysts                      Marketing Managers                      Merchandise Displayers                      Models</p>	<p>Parts Salespeople                      Property and Real Estate Managers                      Public Relations Managers                      Public Relations Specialists                      Real Estate Agents                      Retail Salespeople                      Route Salespeople                      Sales Managers                      Sales Representatives                      Sales Worker Supervisors                      Telemarketers</p>

## High School & Beyond Planning

Career Cluster	Possible Careers	
 <p><i>Is science one of your favorite subjects? Do you enjoy reading science magazines? Are you detail-oriented? Do you want to know how things work?</i></p>	<p>Aerospace Engineers                      Anthropologists                      Archeologists                      Architectural and Engineering Managers                      Astronauts                      Astronomers                      Bioengineers                      Biologists                      Cartographers and Photogrammetrists                      Chemical Engineers                      Chemists                      Climate Change Analysts                      Conservation Scientists                      Economists                      Electrical and Electronics Engineers                      Electronics Engineering Technologists                      Energy Engineers                      Engineering Technicians                      Environmental Scientists                      Fuel Cell Engineers                      Fuel Cell Technicians                      Geographers                      Geologists and Geophysicists                      Geospatial Information Scientists and Technologists                      Historians                      Industrial Engineers</p>	<p>Manufacturing Engineering Technologists                      Manufacturing Engineers                      Marine Biologists                      Materials Engineers                      Mathematicians                      Mechanical Engineers                      Meteorologists                      Mining Engineers                      Nanotechnologists                      Nuclear Engineers                      Park Naturalists                      Petroleum Engineers                      Photonics Engineers                      Physicists                      Political Scientists                      Precision Agriculture Technicians                      Remote Sensing Scientists and Technologists                      Renewable Energy Engineers                      Robotics Engineers                      Safety Engineers                      Science Technicians                      Social Science Research Assistants                      Sociologists                      Statisticians                      Validation Engineers                      Wind Energy Engineers</p>
 <p><i>Can you estimate distances accurately? Do you drive trucks or tractors to do work on a farm? Would you like to learn to fly an airplane? Do you repair your or your family's and friends' vehicles?</i></p>	<p>Air Traffic Controllers                      Aircraft Mechanics                      Airplane Pilots                      Ambulance Drivers                      Auto Body Repairers                      Auto Glass Installers                      Automobile Mechanics                      Automotive Electronics Installers                      Bicycle Repairers                      Billing Clerks                      Bus and Truck Mechanics                      Bus Drivers                      Couriers and Messengers                      Deckhands                      Dispatchers                      Flight Attendants                      Forklift Operators                      Freight Handlers                      Heavy Equipment Mechanics                      Heavy Truck Drivers                      Light Truck Drivers                      Locomotive Engineers</p>	<p>Motorboat Mechanics                      Motorcycle Mechanics                      Packers and Packagers                      Parking Lot Attendants                      Pump Operators                      Railroad Brake, Signal, and Switch Operators                      School Bus Drivers                      Service Station Attendants                      Ship Captains and Mates                      Ship Engineers                      Ship Pilots                      Storage and Transportation Managers                      Subway and Streetcar Operators                      Tank Car, Truck, and Ship Loaders                      Taxi Drivers and Chauffeurs                      Tire Repairers and Changers                      Traffic Technicians                      Train Conductors and Yardmasters                      Transportation Agents                      Vehicle Cleaners</p>

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