



2026-2027 SCHOOL SUPPLY LIST & SUMMER ASSIGNMENTS

Summer Assignments will be updated by June 1st. Please review the current content and check back after June 1st for any updates.

TECHNOLOGY

We are a BYOD (Bring Your Own Device) School. This means that we are open to kids having any device that has wi-fi capabilities, Microsoft Office or Google Apps Capabilities. However, we strongly recommend MacBook OR Windows machines that meet the minimum specifications (listed below) to ensure compatibility with software required for certain classes.

Browser- Google chrome required for all students.

Antivirus/malware protection software

All students are required to have active antivirus software installed on their devices.

[Malwarebytes Antivirus](#) recommended as an affordable option.

Minimum Computer Requirements- Any questions on ordering, please direct them to Jim Pyke at jpyke@vchsweb.org

Apple MacBook Air, or MacBook Pro.

The MacBook fits all specs. The MacBook Air is lighter and has two USB C ports. The MacBook Pro is fully loaded with multiple ports and power. All are great. USB adapter recommended.

Windows Laptops:

All Dell, Lenovo, Acer, Microsoft, ASUS, Alienware, etc... are welcome.

Minimum Specs: Windows 10/11 (pro version recommended), 128GB Solid state storage, 8 GB Ram minimum (12-16gb recommended), Wifi, Intel Core i5/ Core i7 (10th generation or better) OR AMD Ryzen 5 / Ryzen 7 CPU, 13" Screen or better suggested.

Chromebooks / Ipad-

Chromebooks and iPads are not recommended as primary devices as they often have compatibility issues with certain software required for some of our science, engineering, and arts classes.

FRESHMEN

All Freshmen will be provided with a Planner and trained how to use it during the first week of school to transfer assignments from their digital calendar to their paper planner. Do not feel the need to purchase your own planner unless your student has a specific need or planner they like to use.

CLASSES

FOUNDATIONS OF ALGEBRA

Graphing Calculator: TI 84 (TI 83 is acceptable)

1.0-1.5 inch 3-ring binder with 8 tab dividers

1 Composition book and glue stick

Mechanical pencils, 3 pack highlighters, ruler with 3-holes to keep in binder, 5-color pack of large-sized dry erase markers with eraser (for classroom use)

5-color pack of colored pencils for graphing (as required for Biology)

ALGEBRA 1

Graphing Calculator: TI 84

3-ring binder with notebook paper, graph paper, and dividers

Pencils, highlighters, dry erase markers (for use on classroom and small individual boards)

Colored pencils are helpful (as required for Biology)

GEOMETRY

Graphing Calculator: TI 84

3 ring binder with tabs, notebook paper, graph paper

Mechanical pencils

Colored pencils

AP CALCULUS AB

One 1" or 1 1/2" 3-ring binder with college-ruled notepaper or large college-ruled spiral notebook

Pencils and colored pens

Graphing paper is helpful, but optional

Calculator: Graphing TI-83, TI-84 or Desmos

[Click here](#) for Summer Packet

AP CALCULUS BC

One 1" or 1 1/2" 3-ring binder with college-ruled notepaper

or large college-ruled spiral notebook

Pencils and colored pens

Graphing paper is helpful, but optional

Calculator: Graphing TI-83, TI-84 or Desmos

Click [here](#) for Summer Packet

DIGITAL MEDIA - VIDEO PRODUCTION CLASS

*Apple MacBook or equivalent PC *IN GOOD WORKING ORDER*

Power Supply/Charger for this laptop with them each day.

Laptops should have a minimum of 16GB of RAM, a 1TB SSD or HDD and a dedicated graphics card with preferably 8GB of memory. A powerful CPU, like an Intel i7 or AMD Ryzen. Large screen (15 to 17 inches) and a good battery life.

Two Thunderbolt 3 ports

Headphones s

64+ GB flash drive (used for content transfer or backup)

1" - 3-ring binder notebook, loose leaf paper, Pens and/or pencils

DE PRE-CALCULUS/ALGEBRA 2

One 1" or 1 ½" 3-ring binder with college-ruled notebook paper

Graphing paper is helpful, but optional

Calculator: Graphing TI-83 or TI-84

AP STATISTICS

TI-84 or higher graphing calculator

3 ring binder

Loose leaf paper

Pencils

ALL THEOLOGY Classes

Folder

Sophomore Specific: [ESV Scripture Journal: John](#)

Junior Specific: [ESV Scripture Journal: Romans](#)

Click [HERE](#) for the 2026 ENGLISH DEPARTMENT SUMMER ASSIGNMENT LETTER

PRE-AP ENGLISH CLASSES (Freshman and Sophomore levels)

One spiral notebook

One package of college-ruled notebook paper

One set of colored pencils and/or one set of colored markers (for artistic responses to literature)

Personal pencil sharpener and pencils or two mechanical pencils with extra lead

One package of lined file cards

AP/DE ENGLISH LANGUAGE (Junior level)

Summer reading assignment: Read Trevor Noah's *Born a Crime*, with ten reader response journal entries (see [link](#)) due on the first day of class. As per tradition, this nonfiction text is a great jumping off point for beginning the year in our AP/DE English Language and Composition courses. Be prepared to conduct a Harkness discussion with textual evidence when you return to class.

One spiral notebook

One packet of lined paper

One 3 Ring binder

Black & blue pens

Two different colored highlighters

Headphones

A computer with internet access and capable of running AP Classroom's Lockdown browser

AP/DE LITERATURE (Senior level)

- Summer reading assignment: Read *Lord of the Flies*, by William Golding, with ten reader response journal entries (see [English department-Summer Assignments -2025](#)) due on the first day of class. Be prepared to conduct a Harkness discussion with textual evidence when you return to class.

One spiral notebook

One packet of lined paper

One 3-ring binder

Blue and black pens

2 different colored highlighters

Headphones

A computer with internet access and capable of running AP Classroom's Lockdown browser

SPANISH - 1, 2, 3, 4

One 1 ½ - 2" - 3 ring binder with 8 dividers

1 pack of college-ruled notebook paper

1 pack of sharpened pencils

1 pack of colored pencils

- 1 pack of red pens
- 1 pack of Crayola markers
- 1 pack of Highlighters (different colors)

AP US HISTORY:

½" Binder or Folder

Lined paper

Pens or pencils

Highlighter

Summer Assignment: Read 1 Nonfiction book. Be prepared to discuss first week of school.

(Suggestions: *Wealth of Nations* by Adam Smith, *Gospel of Wealth* by Andrew Carnegie, *Biography of Harriet Tubman*, *Uncle Tom's Cabin* by Harriet Beecher Stowe, *Theodore Roosevelt*, *A Biography* by Theodore Roosevelt, *And There was Light* by Jon Meacham)

AP WORLD HISTORY:

½" Binder or Folder

Lined paper

Pens or pencils, Highlighter

Summer Assignment: Read 1 Nonfiction book. Be prepared to discuss first week of school.

(Suggestions: *Guns, Germs, and Steel* by Jared Diamond, *Communist Manifesto* by Karl Marx and Friedrich Engels, *Travels of Marco Polo* by Marco Polo, *Age of Revolutions* by Fareed Zakaria, *Genghis Khan and the Making of the Modern World* by Jack Wetherford)

DE AMERICAN GOVERNMENT

3-ring binder

8 binder dividers

Ruled Notebook Paper

Standard Blue or Black Ink Pens

PRE- AP WORLD HISTORY AND GEOGRAPHY

One 1 ½ - 2" - 3 ring binder with 8 dividers

One package of college ruled notebook paper

1 pack of sharpened pencils

1 pack of colored pencils

1 pack of crayola markers

1 pack of red pens

THEATER

1" 3 ring binder - Black

6 #2 pencils

3 yellow highlighters

VOCAL MUSIC ENSEMBLE

MUST have 1" 3 ring binder - Black

#2 pencils

SPEECH / COMMUNICATION

1' 3 ring binder

5 Divider Tabs

Highlighters

Pens/Pencils

BIOLOGY

1 ½ inch 3 ring binder

Notebook paper, college ruled

24 pack pencils and sharpener or pens + white out

Colored pencils, markers or sharpies

Metric ruler (can be same as for other classes)

Two white Poster Boards

1 container Lysol wipes (or equivalent)

AP BIOLOGY

Colored pencils, markers, sharpies or highlighters

Pencils and sharpener or pens + white out

3 ring binder

Notebook paper, college ruled

Graphing or scientific calculator (the one you use for math is fine)

1 roll paper towels

Click [here](#) for Summer Assignment (vocabulary flashcards)

CHEMISTRY

Graphing or scientific calculator (the one you use for math works well)

Ruler (make sure it has centimeters)

½" or 1" 3-Ring Binder

Roll of paper towels (for your lab station)

AP CHEMISTRY

Graphing Calculator

3 Ring Binder (1 very, large QR 1 very small for current unit and 1 larger for storage at home) (No binder needed if iPad with pen used - all materials available online as PDF - this is an excellent way to house all notes and assignments)

Dividers - 10 for 3 Ring Binder

10 Clear Paper Protectors for 3 Ring Binder (sleeves)

Roll of Paper Towels

- **Summer Assignment:** [Assignment Notes and Links](#); [Assignment Homework Problems](#) (Same as passed out at year's end)

AP ENVIRONMENTAL

3-Ring Binder (1") - no binder needed if you have an iPad with pen

Colored pencils or pens (optional)

- **Summer Assignment:** [Assignment](#)
- **Extra Credit Summer Assignment:** Vail Symposium Event: [Past Climates Inform Our Future](#) (August 11th - 6pm at Eagle River Presbyterian Church)

AP PHYSICS

Graphing Calculator

3-Ring Binder (1") - no binder needed if you have an iPad with pen

Loose Leaf Paper or Single Subject Notebook (college ruled)

- **Summer Assignment:** [Part 1](#), [Part 2](#), [reference sheet for linearizing graphs](#)
- **Optional Summer Assignment** (highly recommended if you have never taken physics): [One Dimensional Motion](#)

PHYSICS

3-Ring Binder (1") (No binder needed if iPad with pen used - all papers and homework can be accessed in PDF form - this is an excellent way to organize materials for physics)

Pencils

Scientific Calculator (your calculator for math is fine)

HUMAN BODY SYSTEMS

Colored pencils, markers or sharpies

Pencils or pens + white out (student's choice)

2" binder with front and back pockets

Notebook paper, college ruled

Scientific calculator (your calculator for math is fine)

1 container Lysol wipes (or equivalent)

VISUAL ARTS (all)

100-page Sketchbook, 9x12" (1)

AP Art - 2D Design or Drawing

Summer Assignment Description (plan for approx 5-6 hours)

Summer assignment template: <https://canva.link/8q783n7kshnw6mq>

PHYSICAL EDUCATION

Lock for a gym locker

Non-marking fully laced tennis shoes

WORSHIP ARTS

3-ring binder

In-ear headphones. "Shure SE215", (available to order online at www.guitarcenter.com) are recommended, but iPhone in-ear headphones will work as well.

INTRODUCTION TO ENGINEERING DESIGN

Calculator

Mechanical Pencils

Blue or Black Pens

3 Ring Binder (1")

Mouse with the correct connector for your laptop

Several Paper Protectors (sleeves)

PRINCIPLES OF ENGINEERING

Calculator

Mechanical Pencils

Blue or Black Pens

3 Ring Binder (1") or Folder to hold papers

Several Paper Protectors (sleeves)