

Valparaiso High School

BYOD / 1:1 Initiative 2017-18



Valparaiso High School

2727 N. Campbell St., Valparaiso, IN 46385
Phone 219-531-3070 | Fax 219-531-3075



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Introduction

In an effort to continue providing world-class education to our students and assisting them to be highly competitive in the 21st century, Valparaiso High School is becoming a 1:1 school (1 device per every 1 student). This includes providing access to digital curriculum through open Wi-Fi throughout our buildings and facilities, access to cutting edge software, programs, and equipment, as well as providing modern instructional practices and learning environments. The renovation of Valparaiso High School not only includes a series of major upgrades to classroom technology, but also opens up the possibility for modernized learning environments that encourage collaboration, learning management, and digital citizenship. Through grant funding, for the 2017-18 school year, Valparaiso High School will be supplying Chromebooks to all 9th grade students and Laptop computers to all 10th grade students free of charge. For all 11th and 12th grade students, VHS will be instituting a BYOD program. BYOD stands for “Bring Your Own Device”. Similar to most universities and several high schools around the country, students will be required to bring a device to their classes in order to effectively take advantage of the myriad of resources provided by classroom teachers, as well as to collaborate with their peers and stay informed about initiatives, clubs and other opportunities at VHS. At the beginning of April a survey will be given to students in order to determine the number of students that intend to bring their own device versus those that would possibly rent a device from VHS. At the conclusion of the 2016-17 school year, incoming 11th and 12th grade students will indicate their final decision to bring their own device (BYOD) or rent in order to provide the tech department ample time to supply devices for rental.

Additionally, there will be several tech days provided before the start of the 2017-18 school year for VCS families to get their devices connected, find out about 21st century learning and meet with representatives from the tech department and Best Buy regarding their student’s device. Best Buy has agreed to partner with VCS families to provide discounts and offer guidance regarding the most appropriate device to purchase for VHS and a future career or university. Geek Squad members will also be on hand to provide technology assistance and information about repair programs through Best Buy for personal devices.

Any questions may be directed to: valpobyod@valpo.k12.in.us

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BYOD

VHS recognizes that students have varied interests and programs of study, and may opt for devices that are more appropriate to their curricular pathway. While some departments provide a [suggested set of device specifications](#), the following are the minimum device requirements for BYOD. Regardless of what device a student chooses to use, all VHS students will be required to adhere to the [Acceptable Use Policy](#) at all times. Although cell phones can be used as educational tools in some settings, they are **NOT** considered proper BYOD Devices at VHS.

Minimum Device Requirements

1. Device with keyboard which also includes a Chromebook (must be capable of running most recent version of Chrome OS).
2. Must be Windows 7 or later; Mac 10.8 or later; or Chrome OS
 - Linux OS not recommended
3. 4 GB of RAM or more.
4. 256 GB HD for Windows or More / 16 GB HD for Chromebook
5. HD Webcam
6. Chrome Browser Installed
7. iPads and/or tablets are **not** recommended unless they have an attachable full size keyboard and are capable of running a chrome browser and interacting comfortably with Canvas, and Google Apps (Drive, Docs, Sheets, etc).
8. Antivirus Software:
 - Student can download the Avast Education version at no cost
 - (<https://www.avast.com/en-us/index>).
9. [Required and Suggested Applications and/or Accessories](#)
10. A protective case is recommended and will be allowed to be carried from class to class. Most laptops do not include a case so please plan to purchase a case or have a backpack with a laptop compartment.
11. Items to consider:
 - Laptop weight and size (carried all day to classes).
 - Battery life (must last the student throughout the school day).
 - Is there a warranty if the device is damaged? Is it covered under homeowner's insurance?
12. VCS is required by law to use a filter on our internet. Installing an additional filter on a BYOD laptop can cause issues for the student while they are using their laptop at school.
13. If a problem occurs with the device at home or at school, a loaner device from VCS is available for a maximum of 10 school days per semester. A record will be kept by the media center specialist. Please [see VCS Loaner Device Policy](#) for more details.

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Student Devices by Grade Level

Requirements/Suggestions for All Grade Levels

Required Applications:

- [Google Chrome](#)
- Updated Antivirus Software (Mac OS / Windows)

Suggested Applications:

- [Adobe Acrobat Reader](#)
- Anti-Virus:
 - [Avast Antivirus](#)
 - [Security Essentials](#) is a usable free option
 - Windows Defender (Windows 8) is an added security option to enable. [Click here for directions.](#)
- [JAVA](#)
- [Mozilla Firefox](#)
- [VLC](#) video player
- [Windows Movie Maker](#)
- [Free PDF Editor](#) PDF24 or another application that now costs \$37.50 [PDF-XChange](#) (Only Windows)
- Free Web-Based PDF creators: [Cute PDF](#) or [PDF Escape](#)
- MS Office available as a free download for students. (Not applicable with Chromebooks)

Suggested Accessories:

- Carrying case or backpack with laptop sleeve. *Cases will be supplied for all 9th grade Chromebooks.
- Second power supply cord in order to have one that is at home and one that is at school. Students are liable for all accessories if lost, stolen, or damaged. (Please label your power supply cord(s) as students are frequently leaving them behind.)
- Personal Thumb Drive (For any additional storage needs beyond Google drive.)

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9th Grade Chromebook

HP or Acer Chromebook (Supplied and serviced by VHS)

General Specifications:

1. HP 11 G4 / Acer 720	4. USB
2. Chrome OS	5. 3-cell long life battery
3. Webcam	6. Chrome Browser

10th Grade Laptop

HP Laptop (Supplied and serviced by VHS)

General Specifications:

1. HP 645 G2 Notebook PC 14"	6. 3-cell long life battery
2. Windows 7 64-bit	7. Chrome Browser
3. Webcam	8. Firefox Browser
4. 8GB memory	9. MS Office 2013+
5. 500GB 7200RPM HD	

11th & 12th Grade (BYOD or Rental)

BYOD (Supplied and serviced by student and/or student's family). The following recommendations were determined by a student's future interest in a particular major or area of study. These are merely recommendations based on current practices and college requirements but they are NOT REQUIRED. Please see the [minimum device requirement](#) information for device expectations.

Art Department:

1. Mac as opposed to PC.
2. Mac OS 10.10 or higher
3. 8 GB of RAM or more.
4. USB ports (at least 1)
5. 128 GB HD or More
6. HD Webcam
7. An SD card reader (built in or peripheral)

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English, Math, P.E., Science, Social Studies, World Languages:

(Minimum Device Requirement is Acceptable, but Laptop/Macbook is Preferable for Upperclassmen)

1. Device with keyboard which also includes a Chromebook.
2. Must be Windows 7 or later; Mac 10.8 or later; or Chrome OS
 - Linux OS not recommended
3. 4 GB of RAM or more.
4. 256 GB HD for Windows or More / 16 GB HD for Chromebook
5. HD Webcam
6. Chrome Browser Installed
7. iPads and/or tablets are **not** recommended.

STEM:

The following device recommendations are for students that are considering a college major in engineering and/or architecture. These devices would only be recommended for a student who is interested in purchasing a college-level device ahead of high school graduation. The STEM department supplies computers, software and technology for each of its programs that are more than adequate for classroom activities and projects.

Suggested Laptops:

1. MSI WT72 6QL	5. HP ZBook 15 G3
2. Lenovo Ideapad 700 -1	6. Dell Inspiron i7559-763BLK
3. Lenovo Thinkpad P50	7. ASUS K501UX
4. HP ZBook 17 G2	8. Custom Build from Dell

Suggested Device Requirements:

1. 4 core 4th Gen i5 or i7 processor with high clock speeds approaching 3 GHz
2. 12 - 32 GB of RAM
3. 17" high resolution screen beyond Full HD (1920×1080)
4. Dedicated graphics card
5. Solid State Drive (SSD)
6. HD Webcam
7. 2x 512 GB M.2 SSDs (can go up to 5.5TB SSD)

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VCS Loaner Device Policy

Acknowledgment of this form is required by all students in grades 9-12. A 1:1 device is a required element for students in grades 9-12. If a student that is participating in the 1:1 program with a BYOD device requires the use of a VCS device, this form must be on file. Devices loaned out to students with a BYOD device must remain on school grounds at all times. They are not available for home use. Loaned VCS devices are available for two weeks (10 school days) while a BYOD device is being repaired. After two weeks, the student will be charged rental for the VCS device.

Due to the value of the equipment, parental acknowledgement of responsibility for the above equipment is required. If the equipment should be lost or damaged while checked out to your child, you will be responsible for the full cost of repairs or the replacement value of the machine if it's a complete loss. Please be advised that while in possession of this equipment whether in or out of school, students will:

- bring the equipment to school each day;
- be bound by the Internet Acceptable Use Policy at all times and locations;
- have no expectation of privacy for any documents or information generated through use of the equipment and the machine may be inspected by the technology department at any time;
- pay for the cost of repairs or the replacement value of the machine for any loss due to theft or destruction of the laptop;
- keep the equipment in a secure place at all times;
- not leave the equipment in a car for extended periods of time or overnight (temperature, elements, and theft risks);
- and not tamper with or otherwise interfere with any software or equipment settings.

Form Signed at Registration