Student Technology Requirements

At American Infinite Academy, technology is central to delivering a seamless online learning experience. To ensure that all students can fully engage in lessons and examinations, the following technology is **essential**:

1. WEBCAMS AND HEADSET

- **Webcam:** A working webcam is required for all lessons (preferably inbuilt in your laptop or computer).
- **External webcam** e.g. Logitech C920
    Additional Cameras: Two additional camera devices (such as a smartphone or tablet) are required for exam invigilation purposes, capable of logging into Zoom and recording.
    Phone stand/camera stand for 2nd camera
- **Headset:** A pair of earbuds or headphones with a microphone for clear communication during online classes.
    Recommended Examples: Beats Studio Buds or a headset with microphone arm that has noise cancelling technology (e.g Shokz OpenCom)

2. SUITABLE LAPTOP/COMPUTER SET-UP

- **Laptop/Desktop:** A laptop or desktop computer is essential for completing your lessons, assignments, and examinations. We recommend using a touch-screen laptop for easy on-screen annotation (especially important for subjects like Mathematics, Sciences and Commerce). If your device is not touch-screen, you will need an external drawing tablet (see below).
- **Specifications:** We recommend using a laptop with the following specs:
    - **Processor:** Intel Core i5 or higher / Apple M1 chip or higher / AMD Ryzen 5 or higher.
    - **RAM:** 8GB or more.
    - **Storage:** Minimum 256GB SSD.
    - **Webcam:** Inbuilt or external.
    - **Ports:** USB-C, USB-C adapter
    - *Examples:*
        Lenovo IdeaPad Slim 5i (Gen 8) 2023 Notebook – Intel Core i5, 16GB RAM, 512GB SSD.

Apple Macbook Pro 13" 2023 – Apple M2 Chip, 8GB RAM, 256GB SSD.

3. SECOND MONITOR

- An additional monitor to expand your workspace, which can make multitasking, such as viewing lesson content on one screen while taking notes on another, more efficient. It also helps reduce eye strain by avoiding excessive switching between tabs and windows.

4. ANNOTATION CAPABILITY AND STYLUS

- If your device has a touchscreen, ensure you have a stylus for annotating on-screen during classes (this is important for subjects like Mathematics, Science, Commerce.).
- **External Tablet Option:** If your device is not touch-screen, an external drawing tablet is required to annotate.
  - *Example:*
    iPad with Apple Pencil or Logitech Crayon (compatible with most apps used for learning).

5. HIGH-SPEED INTERNET (preferably fibre)

- Minimum Internet Requirements:
  - Download speed: Minimum 40 Mbps.
  - Upload speed: Minimum 25 Mbps.
  - Ping: Below 20 ms
- To ensure your internet speed is sufficient, you can test it by searching for "internet speed test" or using tools such as Speedtest.net.
- Ethernet cable

6. SMARTPHONE SCANNING APPS

- You will need a smartphone scanning app to upload homework, assignments, or exams in digital format via Canvas or Kami.
  - *Recommended Apps:*
    - Microsoft Lens or Adobe Scan (available for both iOS and Android).
    - *iPhone/iPad users:* Use the built-in scanning feature in the Notes app Learn how to scan using iPhone/iPad.
    - *Samsung Galaxy users:* Use the inbuilt scanning feature in Samsung Learn how to scan using Galaxy devices.
    - *Third-party apps:* You can also download scanning apps like CamScanner or Genius Scan.

7. PRINTER

- A printer is required for remote invigilation of A level Pathway external exams (iGCSE, AS & A2), where you may need to print and submit handwritten responses.

8. ADDITIONAL RECOMMENDATIONS

- **Web Browser:** Google Chrome
- **External Mouse and Keyboard:** While not essential, these can improve comfort and efficiency, especially for longer study sessions.
- **Backup Devices:** Ensure you have a backup device or plan (e.g., a tablet, second laptop, or another internet connection) in case of technical difficulties.
- **Standing Desk:** Consider using a standing desk to improve posture and reduce the physical strain of sitting for long periods during online classes.
- **Walking Pad:** A walking pad can be a great addition to your setup, allowing light movement while working on assignments, promoting better health and focus.