

Bring Down Our Device

TRANSFORMING THE USE OF DIGITAL TECHNOLOGY AT



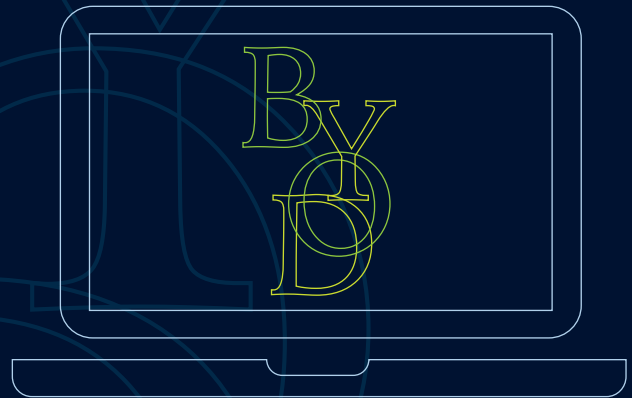
Croydon High School

for girls aged 3-18

GDST
GIRLS' DAY SCHOOL TRUST

Bring Your Own Device or 'BYOD'

An exciting initiative allowing all pupils to bring their own devices from home, for use in the classroom.



WHY INTRODUCE BYOD?

We believe that access to a personal device for all staff and pupils allows everyone to use the right tool at the right time to enhance their teaching and learning.



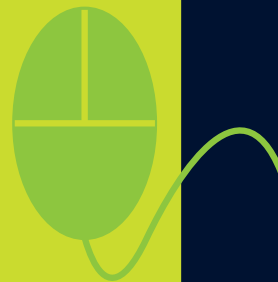
BYOD means that the following planned or spontaneous activities can take place easily in lessons:

- Collaboration on a shared document
- Noting data for an experiment
- Research through the use of appropriate online tools to support learning
- Fact checking during a discussion
- Accessing video explanations, rather than purely static visuals

When these tasks are finished, laptops can be closed and other activities can take place.

IMPORTANT

**Technology supports learning
but does not dominate it**



WHAT ARE THE BENEFITS OF BYOD?

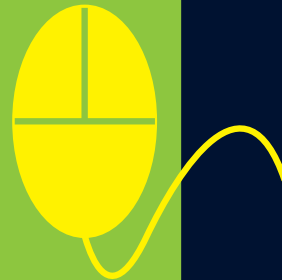
- Authentic and timely – devices will be used by pupils when teachers judge that the requirements of learning warrant it
- Seamless – Google Classroom and Google Docs and Google Drive connect together across our school systems and the school Wi-Fi meaning that we can all work securely in the ‘cloud’, sharing, collaborating and moving effortlessly between work at school and work at home
- Environmentally sound – BYOD will undoubtedly save on paper and printing resources; as an eco-committed school, we fully support this development



IMPORTANT

BYOD does not replace the practice of handwriting or use of exercise books.

Public examinations require pupils to complete their examinations by hand - this remains an important skill.



WHAT TYPE OF DEVICE SHOULD PUPILS BRING TO SCHOOL?

Many pupils will already have access to a suitable device for their personal use.

The basic requirements for a school device are outlined over the page.

Our IT department are happy to offer individual guidance.

Please use the main school email address (seniors@cry.gdst.net) and any questions will be forwarded to them.



BASIC REQUIREMENTS

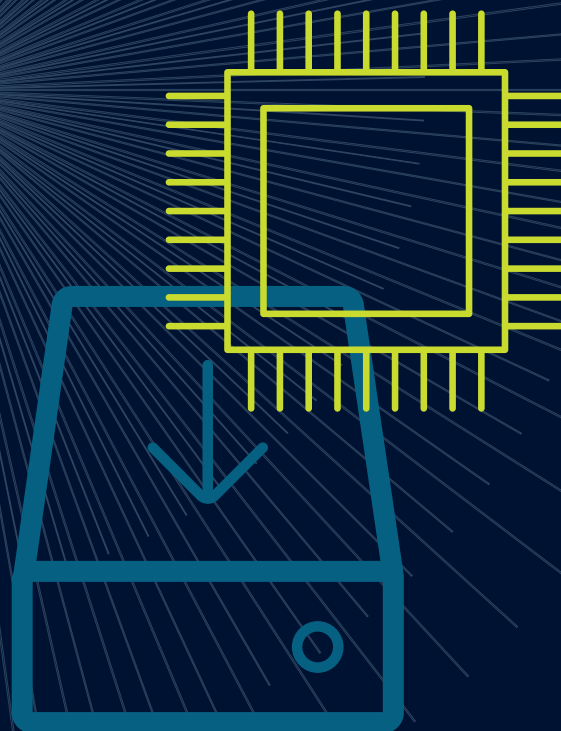
UTILITY	CHROMEBOOK OR iPad	OTHER DEVICES
Processor: the ability to deal with multiple inputs	N/A	i5 or above
RAM (random-access memory): the ability of a computer to multitask	4GB+	8GB+
Hard Drive: storage space for applications and files	32GB	256GB
Keyboard	If a pupil wants to use an iPad or other tablet as their device, they should bring a compatible keyboard with them.	
Camera	A camera for video and still image processing.	
Web Browser	Chrome Web browser for access to Google Classroom and other online learning resources.	
Audio facility	The ability to play and record audio.	
Microsoft Office	The ability to install Microsoft Office applications such as Word, Excel etc. (YOU DO NOT NEED TO PURCHASE A SUBSCRIPTION TO OFFICE: this is provided free by the school for the duration of a pupil's time with us). Pupils should visit https://portal.office.com/account/ and select "Install Office".	
Size & Weight	Always consider that you will generally get less for your money if buying lighter and smaller devices with higher specifications. We would recommend for this reason that you have the opportunity to see and hold a device before purchasing it.	
Case	In the interests of safety, we recommend that pupils have school bags with a discrete laptop compartment.	
Headphones	We ask that pupils bring a pair of headphones to use in lessons; specialist headphones are provided by the departments which use them. Given that they are very easily misplaced, we would urge pupils not to bring wireless AirPods to school.	

HIGHER SPECIFICATION REQUIREMENTS

Pupils who study Art or Music and who need access to specialist equipment will still be able to use the school computers. These are equipped with the higher specification needed for many of the programmes that these subjects use. There is no expectation, therefore, that pupils studying these subjects have a higher specification device.

However, for those parents and guardians wishing to purchase a device of a higher specification, we recommend the following:

- a processor of at least i7
- At least 16GB of RAM
- A hard drive (SSD) of 512GB or more
- A device with a dedicated graphics card



BYOD: WHERE TO BUY

If you are purchasing a new device, you have the freedom to choose one that fits with the pupil's needs and family budget.

You do not have to purchase devices from any particular supplier.

However, we do recommend that you purchase devices from a retailer that offers good warranty and insurance packages and has someone available to speak to face-to-face regarding any claims or repairs (for example, John Lewis).

Suggested prices for the devices over the page are subject to change by the retailer. All the recommended devices can be purchased on a monthly payment plan.



Chromebook Option

LENOVO C340-11 11.6" Intel® Celeron™ 2 in 1 Chromebook - 32 GB

Mac & Windows Options

Basic spec:

LENOVO IdeaPad S340 14" Laptop - Intel® Core™ i3, 256 GB

LENOVO IdeaPad C340 14" Intel® Core™ i5 2 in 1 Laptop - 256 GB

LENOVO IdeaPad S340 14" Laptop - Intel® Core™ i5, 256 GB

Mid spec:

APPLE 13.3" MacBook Air with Retina Display (2020) - Intel® Core™ i5, 512 GB

APPLE 13" MacBook Pro with Touch Bar (2020) - 512 GB

APPLE 13" MacBook Pro with Touch Bar (2019) - 256 GB

High spec:

APPLE 16" MacBook Pro with Touch Bar (2019) - 1 TB

APPLE 16" MacBook Pro with Touch Bar (2019) - 512 GB

LENOVO Yoga S740 14" Laptop - Intel® Core™ i7, 512 GB

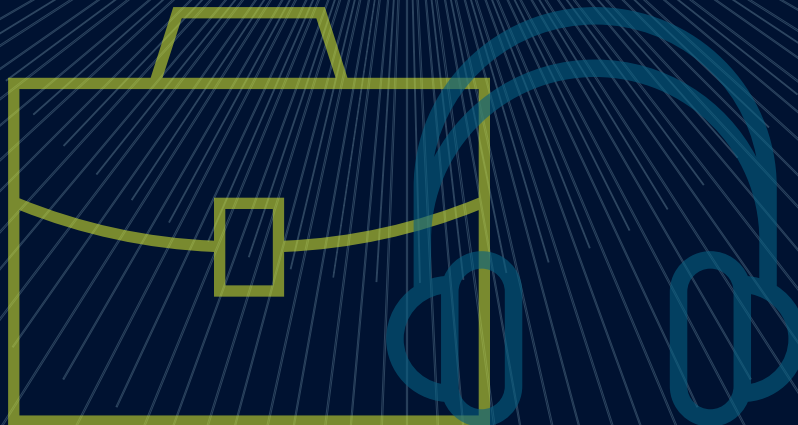
LENOVO Legion Y740 15.6" Gaming Laptop - Intel® Core™ i7, RTX 2060, 512 GB

WHAT ELSE WILL PUPILS NEED?

As part of the BYOD programme, pupils will need to have the following:

- Anti-virus software (excluding iPad) we recommend *Avast / AVG* as an excellent free option
- Free Office Suite Software (full instructions for downloading the software can be sought from our IT Department)
- A school bag with discrete compartment suitable to store the device securely
- Headphones

Please note: Specialist headphones are provided for use in the following departments: Enterprise Technology, Modern Foreign Languages, Art & Music.

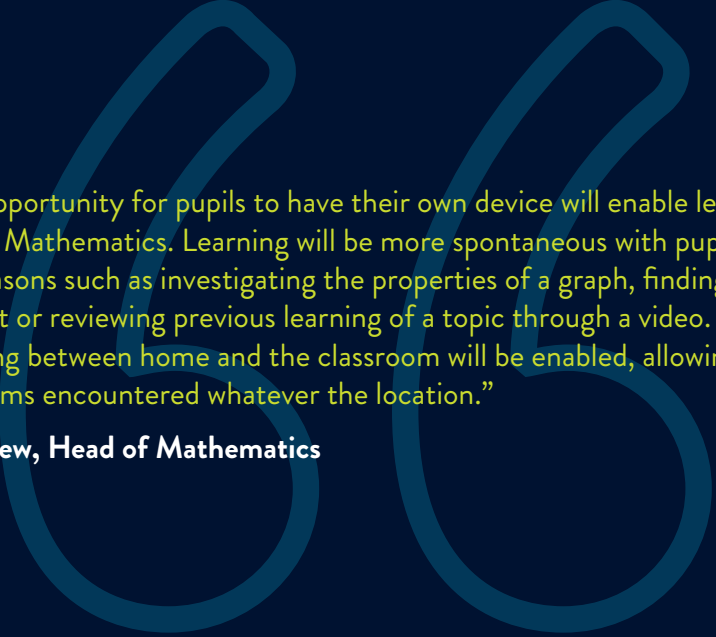




WHAT THE TEACHERS SAY


“We believe that technology can make learning even more effective, engaging and fun! Our BYOD initiative will ensure the best use of the tools we use for effective teaching and learning: sharing work online, timely and rich feedback, and opportunities for pupils to collaborate, are just a few of these. Our BYOD initiative will help to bridge the gap between in school and at home learning. It will guarantee that learning takes place in the most efficient way possible. It will also encourage independence, problem solving and creativity and in doing so, stretch our pupils academically in new and innovative ways.”

Samantha Kelly, Head of Academic Development & REP



“The opportunity for pupils to have their own device will enable learning to be more dynamic within Mathematics. Learning will be more spontaneous with pupils able to dip into the internet for reasons such as investigating the properties of a graph, finding ‘big’ data for a statistics project or reviewing previous learning of a topic through a video. A shift towards seamless learning between home and the classroom will be enabled, allowing pupils to continue to work on problems encountered whatever the location.”

Ben Rew, Head of Mathematics



“With the innovation in technology, having a BYOD as an aid to language learning has never been so useful as a boost to learning languages. The multimedia features can serve as a complimentary tool in the classroom. This enables approaches such as video help and design, interactive grammar and vocab tools, language learning apps and many more. I find that this technology helps pupils to learn and stay connected; plus, technology has been shown to increase pupils’ retention rates.”

Helen Turner, Head of Year 7 & Teacher of Spanish

WHAT THE TEACHERS SAY

“Being able to have these devices to hand so that they can be used while practical work is happening is very exciting. Entering data straight into ‘Excel/Google Sheets’ and learning how to write formula, display information and analysing information is a skill that is not only powerful in Physics but can be transferred to so many other subjects and can be an invaluable tool in ‘real life’ too.”

Frances Simmons, Head of Physics

“Within the Art and 3D Design department we are excited about the possibilities of BYOD. In Art, this will help enable students to gain greater independence and depth of knowledge through researching artists in real time. Within 3D Design, it will increase flexibility and enable us to integrate Computer Aided Design (or, CAD) and help our pupils to progress, faster, onto industry-standard programmes that we run in our dedicated Mac Suite.”

James Robertson, Teacher of Art and 3D Design

“English involves the social construction and decoding of meanings: collaboration is essential. We already regularly read, redraft and develop each other’s work and BYOD will open up the possibilities for more speaking, more recording, more viewing, more presenting, more decoding and more critiquing than ever before. Put simply, we’ll share more. You learn an awful lot from sharing: whether that’s electronic resources, dialogue or feedback. BYOD is an excellent and exciting proposition; to me it seems more than ever our students will be real world ready.”

Kitty Howie, Teacher of English