

Is IT or Computing
educating you now?

Introduction

We have all had to changed the way we live and work since lockdown

I am sure like me, you will have come across tech we didn't know we needed

In this assembly, we are going to take a closer look at how IT/Computing is changing our world since lockdown

Thank you to the 157 students who responded to my survey before half term



Coronavirus: Robot dog enforces social distancing in Singapore park

What new APPs/ websites students have been using since lockdown?

Here are a few of the many ways in which your usage has increased

There is no doubt that your use of Computer technology has increased immensely.

A huge 92% of you are using video calls to stay connected

71% of you are keeping entertained by using apps like TikTok - It's great to see so many of you are still singing and dancing away - Keep up the practise for the next talent show!



Video Calls to friends and family



Watching movies on Netflix



Online Gaming - (Roblox seems to be popular)

TikTok



Google Classroom

Google Apps to complete school work on a range of devices including laptops, PCs, Tablets and mobile phones

You Tube



Many of you are keeping fit by using workout APPS

WEB TOON

CSG use of tech since lockdown

57% of you said you have learned new skills related to ICT/Computing:

“I have brought a Raspberry Pi to help me learn to code”

“I’ve built a website with my friends”

“Creating slideshows”

“Trying to fix an old laptop”

“Entered the internet safety competition Ms Man organised”

“Learned to adapt to online learning”

“Coding”

“I’ve used different programs and APPs like Scratch”

“I attend Stemettes and learn about Women Computing role models”

“Took part in a Hackathon to build an APP to help with the pandemic”

“How to reassemble a computer”

“Learning to touch type”

“Coded my own games”

“Learned to create a server and code my own minecraft game”

“How to be safe online”

“My dad has been teaching me about real time data analysis”

“Learned how to use a MAC”

“Using different software to make music”

“Helping family fix their tech issues”

CSG views on tech since lockdown

Many of you (79%) see IT and digital technology as being more important than before lockdown

Lots of you (83%) would like to see more opportunities at school to help you develop your IT/computing skills



Some opportunities students have got involved with this year - These will be offered again next year so click on the links to find out more

All of year 8 had a talk from an Amazon employee on Women in the tech industry and the careers that are available

Some year 8 students also took part in an APP building competition run by Amazon to design an APP

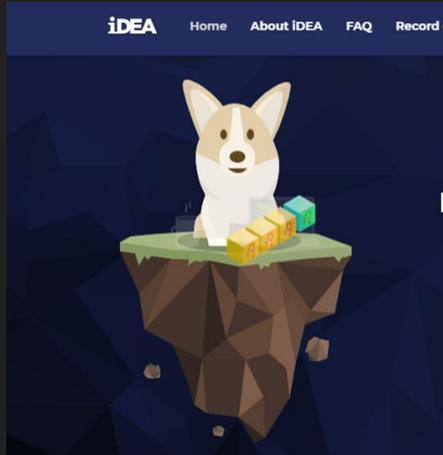
Students in years 7 - 9 took part in what is now the annual [Lego robotics competition](#)

Years 10 - 12 took part in the [Cyber discovery competition](#) - Completing a range of cyber security challenges including code breaking

Year 7, 10, 11, 12 took part in the [Matrix challenge](#) run by the Metropolitan police to look at how Computing is used to fight crime

Many students across all year groups took part in the [BEBRAS](#) computational thinking competition

Things you can get involved in at home - click on the images to find out more



Many of you have been doing lots of wonderful things on the computer. Here is one account:

I have taken part in a hackathon, but unfortunately my team didn't win. I am also part of a team out of school in the finals of another competition. The competition prize is £25000, and we have to make a product of some sort (our is an app) that incorporates AI. The competition is called the Longitude Explorer Prize. Our app is built for deaf people - the main feature is where you sign into a camera and it gives you the word back. Although there are many apps out there that translate words to sign, there are very few, and even less that are efficient enough, that translate sign to word. [Here](#) is the link to the "I'm a Longitude Explorer Finalist" page, with more information about what the competition is about. - **Malaika 7C**