



# Digital Technology & Business Department Newsletter

## Happy New Year

Welcome to the new term! The Christmas break has flown by and we are now starting our new term in 2025. This term is always a busy one as we continue to build on the progress from the last one. Learning in our lessons is almost back to normal, with students able to access the network and complete the projects that are part our curriculum.

## What we are learning

<b>Year 7</b>	We will be creating our financial model for our Music Festival. Our students will be creating a complex spreadsheet that calculates their potential costs and revenue and will ultimately tell them how much their tickets need to be, in order to break-even.
<b>Year 8</b>	We will be finishing our questionnaires and evaluating the completed ones against the class success criteria. Following this, our students will then be learning about how data is stored in a database, as well as creating a simple database in Microsoft Access.
<b>Year 9</b>	We will be starting to look at what Augmented Reality is. Then the students will be getting to grips with creating an Augmented Reality prototype using their Treasure Map from the previous topic.
<b>Year 10 Business</b>	Our progress continues with Class Designs. The first piece of coursework will be finished in the next couple of weeks and so our attention turns to the second piece which focuses on marketing t-shirt designs.
<b>Year 10 Dig Tech</b>	Our progress continues with Westwood Car Hire. The first piece of coursework will be finished in the next couple of weeks and so our attention turns to preparing for the second piece of coursework which will be created using Augmented Reality as well as looking at the role of the HCI.
<b>Year 11 Business</b>	Now that the PPE's have finished and the students know their results, lesson time is being split so that one lesson is focusing on improving their second piece of coursework, whilst the other two lessons are preparing for the exam. In these lessons, we will finish looking at Market Research before moving onto Business Finance.
<b>Year 11 Dig Tech</b>	Now that the PPE's have finished and the students know their results, lesson time is being split so that one lesson is focusing on improving their coursework whilst the other two lessons are preparing for the exam. In these lessons we will finish looking at Human Computer Resources before moving onto Cyber-Security.



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## In the News

One issue that is often overlooked in term of Digital Technology, is the amount of e-waste that is generated. In a year, it is estimated that more than 50 million tonnes of e-waste are produced. This is not always easy to recycle, as it has to be broken up into the different components and therefore for some companies, the “easy” option is to put it in a landfill. The Government is suggesting that companies that produce the large amounts should be held responsible: <https://www.bbc.co.uk/news/articles/cly75xnk5exo>

## Upcoming Dates

This term we have Yr. 11 Progress Evening which is on the **23<sup>rd</sup> January**. We have Yr. 9 Progress Evening which is on the **6<sup>th</sup> February**. We hope to see as many of you as possible to discuss how your child is doing.

## Careers Focus

One possible career that involves Digital Technology is within the video gaming industry. Video game jobs are an increasingly popular career choice. The variety of jobs in the video game industry span from marketing to computer design and jobs are constantly being created to keep up with emerging technologies. This is one of the reasons we have added Augmented Reality to our curriculum.

To find our more have a look at <https://nationalcareers.service.gov.uk/job-profiles/computer-games-developer>

## Lesson 6

For our Yr. 10 and Yr. 11 students, there is an opportunity for them to work after school on a Tuesday, Thursday & Friday in room A3 on their coursework. As we have an upcoming deadline for both Yr. 10 & Yr. 11 students, attending these sessions will help improve their grade, especially if your child has missed any lessons.

## Any other questions

If you have any questions about Digital Technology and/ or Business and would like to get in touch with the relevant teacher then please contact school:

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