



# Digital Technology & Business Department Newsletter

## New Term!

Welcome to the new term! The academic year is definitely flying by as this is our last half term. We hope you enjoyed seeing some more examples of student work in our last newsletter based on what the students were learning last term.

## What we are learning

<b>Year 7</b>	The students the students will be finishing the websites that they have been making in HTML; we hope to be able to share them online so you can see their work. The students will then be looking at Desk Top Publishing and creating a range of documents to promote their festival.
<b>Year 8</b>	Students will be creating a website this half term with the focus on computer ethics and the different laws that protect our data online. Students will also be looking at their use of technology and how it can impact them.
<b>Year 9</b>	When we have finished our quizzes in Excel, the students will move onto the topic of cyber-security. Students will be looking at the vulnerabilities to their data such as malware and social engineering. To showcase their learning, students will be building an informative website on the topic.
<b>Year 10 Business</b>	Our students will be continuing with their marketing pitch for the ice cream that they designed. The students will be finishing their promotional material and then putting their presentations together. The presentations will be taking place from the 25 <sup>th</sup> June and accounts for 50% of the final grade for this unit.
<b>Year 10 Dig Tech</b>	Students will be continuing with their learning on Topic Area 5: Digital Communications before moving onto Topic Area 6: Internet of Everything. The students will be looking at the four pillars of the Internet of Everything and how the Internet of Everything can be used in a range of areas such as banking, emergency services and transport.

## Upcoming Dates

The key date is Results Day which is the 22<sup>nd</sup> August. Year 11 will receive their GCSE results that day.



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## In the News

As Year 9 are about to look at the importance of protecting our data from cyber-security attacks, there has been an article from the BBC about the impact Cyber-Attacks are having on schools:

<https://www.bbc.co.uk/news/articles/c2vwz4exq4xo>

The use of deepfakes is being more widespread. As an article in the Guardian reports (<https://www.theguardian.com/technology/article/2024/may/10/ceo-wpp-deepfake-scam>), the use of a deepfake to impersonate a CEO of a big business was fortunately unsuccessful. However not everyone is so lucky. The NSPCC share some information about how to prevent falling into a similar trap:

<https://www.nspcc.org.uk/keeping-children-safe/online-safety/inappropriate-explicit-content/fake-news/>

## Careers Focus

Many students sometime choose to complete an apprenticeship after leaving school rather than continuing to college or sixth form. One of the largest businesses in the area to offer an apprenticeship scheme is BAE Systems:

<https://www.baesystems.com/en/careers/careers-in-the-uk/apprenticeships>

The company offers a wide range of apprenticeships from working in Finance to being more hands on with Engineering or Cyber-Security.

## Lesson 6

For our Year 10 students, there is an opportunity for them to work after school on a Tuesday and Friday in room A3 on their coursework. Given the upcoming deadline of their presentations, they can also use this opportunity to practice if they wish.

## 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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