

# Computing KS4 year 10



Meadow Park  
Patience, Guidance and Determination

## Week 1

Week commencing 29th June 2020

Teacher instructions	
<p>Follow the instructions step-by-step for each lesson. There is a short quiz to test at the end of each section, the units being covered in this learning will help you prepare towards the upcoming Unit 1 examination of your course. Make sure you print screen any quiz test results and send them into school via email.</p> <p>The first lesson looks at how we store and share data</p> <p>The second lesson considers processing and utility applications we use on a computer system</p> <p>If you need any help, please feel free to email me on <a href="mailto:matt.dunn@meadowparkknowsley.co.uk">matt.dunn@meadowparkknowsley.co.uk</a></p>	
Lesson 1	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/zphqgdm/revision/1">https://www.bbc.co.uk/bitesize/guides/zphqgdm/revision/1</a>	What is digital data? How is it represented, stored and shared?
Lesson 2	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/z3nrpbk/revision/1">https://www.bbc.co.uk/bitesize/guides/z3nrpbk/revision/1</a>	The functions of system software and their modes of processing, tasks carried out by utility applications, the role of antivirus software and the importance of regular system updates.
Lesson 3	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a
Lesson 4	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a

## Week 2

Week commencing 6<sup>th</sup> July 2020

Teacher instructions	
<p>Follow the instructions step-by-step for each lesson. There is a short quiz to test at the end of each section, the units being covered in this learning will help you prepare towards the upcoming Unit 1 examination and Unit 2 of your course. Make sure you print screen any quiz test results and send them into school via email.</p> <p>The first lesson considers databases, think back to your unit 2 assignment work because this is likely to feature within the upcoming examination</p> <p>The second lesson considers spreadsheets, again reflect on your unit 2 assignment how does this differ from a database?</p> <p>If you need any help, please feel free to email me on <a href="mailto:matt.dunn@meadowparkknowsley.co.uk">matt.dunn@meadowparkknowsley.co.uk</a></p>	
Lesson 1	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/zsfky4j/revision/1">https://www.bbc.co.uk/bitesize/guides/zsfky4j/revision/1</a>	Databases are at the heart of digital technology, making data easy to store, organise and search.

Lesson 2	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/zwxbtv4/revision/1">https://www.bbc.co.uk/bitesize/guides/zwxbtv4/revision/1</a>	Spreadsheets can help you calculate values from data using various formulae. They can also be used for data modelling and the visual representation of data.
Lesson 3	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a
Lesson 4	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a

### Week 3

Week commencing 13<sup>th</sup> July 2020

Teacher instructions	
<p>Follow the instructions step-by-step for each lesson. There is a short quiz to test at the end of each section, the units being covered in this learning will help you prepare towards the upcoming Unit 1 examination of your course. Make sure you print screen any quiz test results and send them into school via email.</p> <p>The first lesson looks at hardware and networking, this is really useful learning towards the unit 1 module, normally these topics feature within the first few pages of many past examination papers</p> <p>The second lesson adds to the first one, however the learning here will link in to the scenario part of the unit 1 examination, where you will explore how computer data is used by an organisation and how it is protected</p> <p>If you need any help, please feel free to email me on <a href="mailto:matt.dunn@meadowparkknowsley.co.uk">matt.dunn@meadowparkknowsley.co.uk</a></p>	
Lesson 1	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/ztyd3k7/revision/1">https://www.bbc.co.uk/bitesize/guides/ztyd3k7/revision/1</a>	Hardware is the physical components of a computer system. When we connect computers together to share data, software and hardware we create a network.
Lesson 2	
WEBSITE/LINK	TOPIC/THEME
<a href="https://www.bbc.co.uk/bitesize/guides/zycm97h/revision/1">https://www.bbc.co.uk/bitesize/guides/zycm97h/revision/1</a>	Networks make computers more powerful, but also more vulnerable to attack. In the era of the internet and cloud computing, what are the threats to data security?
Lesson 3	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a
Lesson 4	
WEBSITE/LINK	TOPIC/THEME
n/a	n/a