

# TRANSITION

SUBJECT

Computing

HEAD OF DEPARTMENT

Mr. Nicholls

WORK/TOPICS COVERED IN THE FIRST TERM

Half term 1 - **E-Safety**

- Using the college network, gmail and doddle
- Cyberbullying, online grooming, phishing and malware (worms, viruses, trojan horses and spyware)

Half term 2 – **Computer hardware**

- Different types of computer (Desktop, laptop, tablet etc)
- Input and output devices
- Identification and purpose of internal components e.g. motherboard, cpu, ram, rom, hard disk
- Advantages and disadvantages of secondary storage devices e.g. hard disk, usb memory stick, cd and dvd

SOME ADDITIONAL SOURCES/SUGGESTIONS THAT YOU MAY WISH TO ACCESS TO HELP YOU TO PREPARE FOR SEPTEMBER

- Typing tutor websites to improve keyboard skills <https://www.ratatype.com/>  
<https://www.bbc.co.uk/bitesize/topics/zf2f9j6/articles/z3c6tfr>
- E-Safety websites for half term 1:  
[www.thinkuknow.co.uk](http://www.thinkuknow.co.uk)  
[www.childnet.com](http://www.childnet.com) [www.nspcc.org.uk](http://www.nspcc.org.uk)  
[www.saferinternet.org.uk](http://www.saferinternet.org.uk)
- Websites to support learning of computer hardware for half term 2:  
<https://www.bbc.co.uk/bitesize/guides/z7qgmsg/revision/1>  
[edu.gcfglobal.org/en/computerbasics/inside-a-computer/1/](http://edu.gcfglobal.org/en/computerbasics/inside-a-computer/1/)  
<https://quizizz.com/admin/quiz/580ee922312f2ef640bbd2c3/computer-hardware>