

Faculty Website Curriculum information

Subject vision

Our world is digital. We aim to deliver a high-quality Computer Science curriculum, to equip students to become effective users of technology, to contribute to the rapidly changing digital world.

Key Stage 3

Year 7	Year 8	Year 9
<ul style="list-style-type: none"> • Introduction to the School System • Staying Safe On-line • Flowcharts and Scratch 	<ul style="list-style-type: none"> • Edublock • On-line Dangers • Graphics 	<ul style="list-style-type: none"> • Python • Get Creative • Networks and Security

Key Stage 4

Year 10	Year 11
<p>GCSE Computer Science</p> <ul style="list-style-type: none"> • Data Representation • Programming • Systems Architecture • Programming Skills • Programming Project <p>I-Media</p> <ul style="list-style-type: none"> • Pre-production • Digital Graphics • Pre-production Skills • Digital Video 	<p>GCSE Computer Science</p> <ul style="list-style-type: none"> • Algorithms • Computational Logic • Wired and Wireless Networks • Network Topologies <p>I-Media</p> <ul style="list-style-type: none"> • Digital Video • Comic Strips

Key Stage 5

Year 12	Year 13
<p>Level 3 IT</p> <ul style="list-style-type: none"> • Social Media • Digital Literacy • Social media features • Optimising and file formats • Information systems • Digital devices • Networks • Data transmission • Moral and ethical use of IT systems 	<p>Level 3 IT</p> <ul style="list-style-type: none"> • Creating systems to managing information • Design a relational database • Testing and evaluating IT Systems • Data modelling and decision making • Creating testing and evaluating a data model

Additional information about your subject

Our Digital, Technology and Business curriculum exposes students to a wide range of opportunities locally and nationally for a digitally skilled workforce and encourages them to establish positive working habits that will support them through their school life and beyond. Students will be given opportunities to engage with employer partners through a series of visits, speakers, clubs, and online platforms.

Contact information

If you have questions on the curriculum that your daughter will be studying, please contact one of the following.

Head of Faculty: Mr S Bashir – sbashir@wrhs1118.co.uk

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