Curriculum Overview: Year 9 Computing

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Topic Computer ScienceI	**Topic** Website Design	**Topic** Website Design	**Topic** Digital Literacy III	**Topic** Digital Literacy IV
Links to prior learning Y7 Aut2 System Architecture I **Stretch and Challenge Enquiry** How can different factors affect the performance of the CPU?	**Links to prior learning** Y7 Spr1 Digital Graphics I, Y7 Spr2 Programming I, Y8 Spr1 Programming II, Y8 Spr2 Digital Graphics II **Stretch and Challenge Enquiry** How can CSS affect the format of a website?	**Links to prior learning** Y7 Spr1 Digital Graphics I, Y7 Spr2 Programming I, Y8 Spr1 Programming II, Y8 Spr2 Digital Graphics II **Stretch and Challenge Enquiry** How can JavaScript affect the functionality of a website?	**Links to prior learning** Y7 Aut1 Digital Literacy I, Y8 Sum1 Digital Literacy II **Stretch and Challenge Enquiry** How does legislation affect different stakeholders?	**Links to prior learning** Y7 Aut1 Digital Literacy I, Y7 Sum1 Digital Literacy II, Y8 Sum1 Digital Literacy III, Y7 Sum2 Data Modelling I, Y8 Aut1 Enterprise **Stretch and Challenge Enquiry** What specialist tools exist that will help me to format my documents to look professional?

Equipment Needed	Wider Reading	Family activities
Pencil, ruler, rubber, sharpener, Ball point pen. Having internet access as well as a mobile phone, laptop or computer at home is beneficial, although not essential.	CGP Key Stage Three Computing Complete Revision and Practice Learning to Program in Python: PG Online, Heathcote	Collect images and other assets which could be used within their work. Ask your child to discuss or show you some of the pieces of work they have created. Encourage your child to develop a growth mind-set and accept mistakes as part of the learning process. If you have a PC or laptop and can access the following website https://repl.it/@enaard/Python-3 Or download the free Python software; students can work on their programing skills.