

the different layers in computing, from programs and the operating system, to the physical components that store and execute these programs, to the fundamental binary building blocks that these components consist of.

logical step between Scratch and Python. They will use Small Basic to code solutions to given problems with increasing complexity.

data safe both in and out of school. They must also understand their ethical responsibilities regarding their conduct towards others and their respect of intellectual property when using copyright materials. Pupils may experience sexting, grooming or cyberbullying and need to be able to report concerns about their digital activity to a responsible adult.

and manipulate a spreadsheet, using data to model different scenarios. Pupils must be taught to undertake

and make valid improvements.

Scratch and Python, which pupils will study in Y8 and Y9.

pupils don't understand the dangers associated with being online, they may leave a digital footprint that will stay with them for the rest of their lives, potentially impacting upon future education and employment.

Spreadsheet software enables pupils to create simplified abstractions of real-life systems. The use of spreadsheet software and understanding of storage and manipulation of data will prep 73.48

'Think, pair,
share' activities.

- during
class discussion
and 'Think, pair,
share' activities.

					that they have never used before	
Aspirations & Careers	<ul style="list-style-type: none"> < Pupils will gain an insight into the requirements of ICT/Computing based careers such as coding and data management < Pupils will be offered the opportunity to enhance their computing skills at 'Computing Club'. < Online coding competitions open to all Pupils. < Opportunity to attend 'ICT Live' visit to Disneyland Paris 					

