SUBJECT: IT/Computer Science Year 9 Pathways

Year 9	2-3 Pathway	4-6 Pathway	7-9 Pathway
Greater Depth (GDS)	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a reasonable standard and accomplish set programming tasks, whilst working with a wide variety of software.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a high standard and accomplish challenging programming tasks, whilst working with a wide variety of software.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students can demonstrate understanding in each topic to a very high standard and accomplish challenging programming tasks, whilst working with a wide variety of software.
Expected Standard (EXS)	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks.

	During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic and accomplish basic programming tasks, whilst working with a wide variety of software.	During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a very good standard and accomplish set programming tasks, whilst working with a wide variety of software.	During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a very high standard and accomplish challenging programming tasks, whilst working with a wide variety of software.
Working Towards (WTS)	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a reasonable standard and accomplish basic programming tasks, whilst working with a wide variety of software.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a good standard and accomplish set programming tasks, whilst working with a wide variety of software.	Students develop their computing knowledge and skills, by studying a range of topics and exploring different computing programmes. During Year 9, they build on their computational thinking, through class discussion, teacher demonstration and in-depth practical tasks. During the year, students develop their programming knowledge using python, data representation, development of websites using HTML, and databases. By the end of the year, students should be able to demonstrate understanding in each topic to a high standard and accomplish challenging programming tasks, whilst working with a wide variety of software.