Computing Programme of Study – Year 3 and 4 Cycle A

Autumn **Spectacular Superheroes** **A Little Bite**	Spring **Tomb Raider** **Mighty Rivers and Marvellous Egypt**	Summer **It's Not Fair** **The Vyne**
Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts • use of logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs • select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including presenting data and information	Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • use sequence, selection and repetition in programs; work with variables and various forms of input and output • use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content • select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including presenting data

Computing Programme of Study – Year 3 and 4 Cycle B

Autumn **Growls, Howls and Roars** **We are not amused**	Spring **Visits, Visions and Visitors**	Summer **Perfect Plants** **Vikings**
Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including presenting data and information • use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including presenting data and information • use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	Pupils are taught: • to use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact • design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts • use sequence, selection and repetition in programs, work with variables and various forms of input and output • use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs • use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content