None Negotiables – Computing

Year Group	Topics	None Negotiables
Year 1		• Follow simple instruction; towards creating an algorithm • Log onto a computer and safely open a programme • Identify the different parts of an ICT work station • Save and retrieve a simple document • Recognise uses of technology in school and at home • Suggest what will happen, using reasoning, to predict the behaviour of simple programmes
Year 2		• Save, retrieve and edit a simple document • Recognise the use of technology beyond the school environment • Understand there are dangers involved with technology; what to do it they are unhappy with something on computers and how to keep themselves safe online • Suggest what will happen, using reasoning, to predict the behaviour of simple programmes • Programme a basic on screen algorithm and 'fix' existing issues within algorithms
Year 3		• Use technology safely, respectfully and recognise acceptable and unacceptable behaviour. Be able to identify a range of ways to report concerns about content and contact • Be able to locate resources online signpost by the teacher or safely search with given terms • Design simple programmes to achieve specific goals, including stimulating physical systems • Use common applications to present information, work and images
Year 4		• Use technology safely, respectfully and recognise acceptable and unacceptable behaviour. Be able to identify a range of ways to report concerns about content and contact • Be able to search the internet safely and sensibly and be aware of biases within sources • Design simple programmes to achieve specific goals, including stimulating physical systems • Use common applications to present information, work and images; including critiquing, crafting and presenting
Year 5		• Use technology safely, respectfully and recognise acceptable and unacceptable behaviour. Be able to identify a range of ways to report concerns about content and contact • Use search technologies effectively and appreciate there is an order to the results returned • Use the internet and web-based email to communicate safely • Design simple programmes to achieve specific goals, including stimulating physical systems; including solving problems by breaking them into smaller parts • Use common applications to present information, work and images; including critiquing, crafting and presenting

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		• Present data in ways that can achieve given goals, methods, solutions and calculations.
Year 6		• Use technology safely, respectfully and recognise acceptable and unacceptable behaviour. Be able to 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. • Design simple programmes to achieve specific goals, including stimulating physical systems; including solving problems by breaking them into smaller parts (SCRATCH) • Use the internet and web-based email to communicate safely • Use a combination of common applications to present information, work and images; including critiquing, crafting and presenting • Present data in ways that can achieve given goals, methods, solutions and calculations.