

Computing - National Curriculum Coverage



We are a Right Respecting School and this statement supports the following articles from the UN Convention on the Rights of a Child

Article 13: (Freedom of expression): Every child has the right to share information in any way they choose, including by talking, drawing or writing as long as it does not harm others.

Article 28: (Right to education): Every child has the right to a primary education, which should be free. They should be encouraged to reach the highest level of education of which they are capable.

Article 29: (Goals of education) Education must develop every child's personality, talents and abilities to the full. It must encourage the child's respect for human rights, as well as respect for their parents, their own and other cultures, and the environment.

Article 31: (Leisure, play and culture): Children have the right to relax and play, and to join in a wide range of cultural, artistic and other recreational activities.

[illegible]

Key Stage 2 coverage	Autumn 1				Autumn 2				Spring 1				Spring 2				Summer 1				Summer 2			
	Y3	Y4	Y5	Y6	Y3	Y4	Y5	Y6	Y3	Y4	Y5	Y6	Y3	Y4	Y5	Y6	Y3	Y4	Y5	Y6	Y3	Y4	Y5	Y6
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																								
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 – Presentation software, Word Processing		✓		✓			✓	✓	✓	✓		✓	✓	✓			✓		✓				✓	✓
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 – take and manipulate images	✓	✓	✓	✓	✓				✓			✓	✓			✓	✓					✓	✓	✓
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 – take and edit video		✓		✓		✓		✓		✓		✓		✓		✓		✓		✓			✓	✓
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 – record and edit sounds	✓	✓		✓			✓		✓		✓			✓		✓				✓			✓	✓
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 – data handling and spreadsheets		✓	✓	✓		✓				✓		✓		✓		✓			✓	✓			✓	
Understand computer networks including the internet; how they can provide multiple services, such as the world wide web; and the opportunities they offer for communication and collaboration																								
Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content	✓		✓		✓		✓		✓	✓	✓		✓	✓		✓	✓	✓			✓	✓		✓
Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour	✓		✓		✓		✓		✓				✓		✓		✓		✓		✓	✓		✓
Identify a range of ways to report concerns about content and contact			✓			✓		✓	✓				✓		✓		✓				✓			✓