



Computing Subject knowledge, discipline and vocabulary

Year 1 Autumn

Unit	Technology around us	Digital Painting
Previous Learning		
Subject Knowledge (what)	<p>Understanding technology.</p> <p>NC:</p> <ul style="list-style-type: none">- <i>Recognise common uses of information technology beyond school</i>- <i>Use technology purposefully to create, organise, store, manipulate, and retrieve digital content</i>- <i>Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet or other online technologies</i> <ul style="list-style-type: none">• Technology is something that can help us• A computer is an example of technology• Some technology can be used in different ways• Choices are made when using technology• Rules are needed when using technology	<p>Understanding tools used for digital printing</p> <p>NC:</p> <ul style="list-style-type: none">- <i>Use technology purposefully to create, organise, store, manipulate, and retrieve digital content</i> <ul style="list-style-type: none">• Tools can be changed to produce different outcomes• Information on a computer can be stored• Information on a computer can be saved• Stored information can be retrieved, edited and re-saved• Work can be shared between devices• Work can be printed and shared• Others can view my screen to see my work• Tools can be used to create images on a digital program
Subject Discipline (how)	<ul style="list-style-type: none">• Identify examples of technology• Explain how technology can help us• Choose a piece of technology to do a job• Identify the main parts of a computer• Use a mouse in different ways• Use a keyboard to type• Use the keyboard to edit text• Demonstrate how to use technology safely	<ul style="list-style-type: none">• Use a computer to paint a picture• Digitally make marks on a computer screen• Use tools to draw shapes and lines• Use the undo button to correct mistakes• Change brush size and colour• Change fill colours in a shape• Change line sizes and colours• Use fill tools to change colours• Consider the impact of choices made

Key Vocab	<ul style="list-style-type: none">• Technology• Computer• Mouse• Trackpad• Keyboard• Screen• Double-click• Typing	<ul style="list-style-type: none">• Paint• Program• Tool• Paintbrush• Erase• Fill• Undo• Piet Mondrian• Primary colours• Shape tools• Line tool• Fill tool• Undo tool• Henri Matisse• Wassily Kandinsky• Feelings• Colour• Brush style• Georges Seurat• Pointillism• Brush size• Pictures• Painting• Prefer• Like Dislike
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