



# Year 5 Computing

## Spring 1: We Are Architects

Session	National Curriculum Statement	WALT	Learning Outcomes (Success Criteria)	Resources	Vocabulary
<p><b>Subject Cultural Capital = Using &amp; Applying computing knowledge to solve problems</b></p> <p><b>Differentiation = please see the differentiation for the EXC EM &amp; SEND (Please see SEND pupils IEPs when planning)</b></p> <p><b>Minimum expectations to check for understanding during lessons = targeted questioning / mini whiteboards/ peer talk /thumb signs</b></p> <p><b>Long term memory skill development strategy = LAST, LAST, LAST linked to the WALT</b></p> <p><b>Literacy &amp; Numeracy skills development = ICT vocabulary bank linked to the WALT &amp; include numeracy skills where they are linked to the WALT in the weekly planning</b></p>					
<p><b>On Line Safety:</b> Pupils should observe good practice when searching for and selecting digital content. If the pupils choose to locate their 3-D models geographically, they should avoid sharing private information. Pupils should think about copyright when adding content to their model or publishing images or videos of their model.</p>					
1	Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.	To explore existing art galleries and identify their features and characteristics	Children can describe how art is grouped in an art gallery. Children compile success criteria for a successful art gallery.	Trimble Sketchup Laptops/desktops Ipad	Digital art gallery
2	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 collecting, analysing, evaluating and presenting data and information.	To create a virtual structure using Sketchup	Children can navigate Sketchup using the orbit, pan and zoom tools. Children can use Sketchup to create a simple geometric sculpture.	Trimble Sketchup Laptops/desktops Ipad	Pan Orbit zoom

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3	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 collecting, analysing, evaluating and presenting data and information.	To build a virtual gallery using Sketchup	Children can create a main room, walls and additional rooms. Children review each other's galleries.	Trimble Sketchup Laptops/desktops Ipads	Digital art gallery
4	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 collecting, analysing, evaluating and presenting data and information.	To add furniture to a virtual gallery	Children can import a bench into their gallery and position it appropriately. Children add furniture, fixtures and fittings to their art gallery.	Trimble Sketchup Laptops/desktops Ipads	Digital art gallery
5	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 collecting, analysing, evaluating and presenting data and information.	To hang art in a virtual gallery	Children can organise the content and layout of the exhibits in their gallery. Children can experiment with different layouts. Children add the sculpture they created in session 2.	Trimble Sketchup Laptops/desktops Ipads	Digital art gallery

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6	<p>Use search technologies effectively, appreciate how results are selected and ranked, and be discerning in evaluating digital content.</p> <p>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 collecting, analysing, evaluating and presenting data and information.</p>	To create a virtual tour of the gallery	<p>Children can create a virtual tour of their gallery.</p> <p>Children can provide constructive feedback for each other.</p>	<p>Trimble Sketchup Laptops/desktops Ipads</p>	Digital art gallery