



Computing skills progression Year 4

Year 4 Skills	
Unit	Skills
3D Design	<p><u>3D Village Pupil Activity Pack skills:</u></p> <ol style="list-style-type: none">1. Understand 3D spacial awareness.2. Add 3D shapes, resize, adjust height, duplicate and use the different perspective.3. Re-create different types of buildings using 3D shapes.4. Create roads/paths by adjusting the height of 3D shapes.5. Add windows and door shapes. <p><u>Lego Modelling Pupil Activity Pack skills:</u></p> <ol style="list-style-type: none">1. Add, move, change colour and duplicate a brick.2. Rotate bricks.3. Use sloping bricks and special bricks for a purpose.4. Change the transparency of bricks
E-book Creation	<p>Add page colour and style Add, position and format text on different pages Add and position images from camera/web Add audio, including hiding it behind an object. Add hyperlinks to text and images Add and format shapes Use hyperlinks for navigation Add audio to pages</p>
Data Handling	<ol style="list-style-type: none">1. Change appearance of cells in a spreadsheet (fill colour and border) then add and align text. (Activity 1 and 2)2. Find and add data to a spreadsheet, resize cells and use the software to create a suitable chart with a title. (Activity 3)
Internet Research	<p>Appreciate how search results are selected and ranked and show awareness of different straggles for finding specific information (Teacher input) Understand the features of an Internet Browser (Teacher Input and unplugged task) Use search technologies (different websites) to find specific pieces of information (Activity 1 and 2)</p>



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	Reference the correct source of information (Activity 3) Be discerning in evaluating digital content. (Activity 4) Check the internet for fake news by cross-referencing facts (Activity 5)
Programming	1. Use sequence, selection, and repetition in programs. 2. Work with variables and various forms of input and output. 3. Debug programs that accomplish goals. (correcting errors) 4. Work with variables and conditions.
Video Editing	Create and edit a film project by: – Add clips then resizing and ordering them. – Split clips (iMovie only) – Adjust the speed of clips. (iMovie only) Add titles to clips and change themes. – Add voiceovers. Add split screen, freeze frame picture in picture and green screen effects (iMovie only) - Add music, including from Garageband if on iPad. – Add filter effects – Export your project