

Year 4 ICT Medium Term Plan

Time	Cambridge ICT starters strand Learning Objective	Suggested Application and activities	Resources	Comment
Week 1-6	<p>Communication</p> <p>Module : Next Steps : Exploring the Internet (4283)</p> <ul style="list-style-type: none"> - Use internet tools to find information - Evaluate relevance and usefulness of material - Store and retrieve information - Copy and paste information from a website - Create digital portfolios 	<p>Padlet : Collaborative work</p> <p>Edmodo</p> <p>SeeSaw</p> <p>QR Code</p> <p>Office 365</p>	<p>Internet</p>	
Week 7-12	<p>Module : Next steps – Exploring Multimedia (4285)</p> <ul style="list-style-type: none"> - Use google images, visual effects - Advanced animations - Removing backgrounds - Explore autosshapes - Demonstrate how the presentation meets the needs of the intended audience - Making 3d cubes <p>Module : Next steps – Exploring Images (4279)</p> <p>Create pictures using a variety of tools and effects Select appropriate objects, copy and re-size them Editing photos using the online editing tools and graphics</p>	<p>MS-Powerpoint</p> <p>Using custom path animations.</p> <p>Editing google images by removing the contrasting backgrounds.</p> <p>Combine and animate autosshapes together</p> <p>Online PhotoEditing Tools</p> <p>Using templates, greeting cards, patterns, graphics and text to create photocollage and edit photos.</p> <p>Use webcam for clicking self photographs</p>	<p>Internet EDMODO MS powerpoint</p> <p>www.Befunky.com</p>	

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<p>Week 13-19</p>	<p>Module : Next steps – Exploring Multimedia (4285)</p> <ul style="list-style-type: none"> - create a page of text, images and sounds which are activated by appropriately named and positioned buttons - Present information in digital cube - demonstrate how the presentation meets the needs of the intended audience - Presenting animated text and photocollage in 3d cube - <p>Module : Next steps – Exploring Control (4282)</p> <ul style="list-style-type: none"> - Write a list of commands to produce a simple picture or design - Use repeat commands - Create complex shapes with varied angles - Name and run a procedure 	<p>Advanced MS-Powerpoint</p> <p>Research images, create presentation, export as png, prepare the 3d cube, insert the cube in powerpoint.</p> <p>Hour of Code</p> <p>Build online programming platform</p> <p>Create programs interactive games and stories</p>	<p>http://en.bloggif.com/cube-3d</p> <p>www.code.org</p>	
<p>Week 20-24</p>	<p>Module : Next steps – Exploring Control (4282)</p> <ul style="list-style-type: none"> - Write a list of commands to produce complex patterns - Use the built in commands - Create complex shapes with varied angles - Name and run a procedure 	<p>MSW LOGO</p> <ul style="list-style-type: none"> - To write programs and instructions to create patterns for an intended audience. <p>Stop Motion Animationdevelop a storyboard and work creatively and collaboratively to develop a stopmotion animation movie with appropriate props for movements</p>	<p>Ipads Stopmotion app</p>	

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Week 25-31	<p>Module : Next steps – Exploring Multimedia (4285)</p> <ul style="list-style-type: none"> - create a page of text, images and sounds which are activated by appropriately named and positioned buttons <p>Module : Next steps – Exploring Control (4282)</p> <ul style="list-style-type: none"> - create a two dimensional / three dimensional animation through stopmotion technique that communicates an idea to the intended audience - define the concepts of placement, framing, speed and direction. 	<p>One drive – docs / slides</p> <p>MS-Excel</p> <p>MS-Word</p> <p>Popplet</p>	<p>Cambridge ICT starters question papers</p>	
Week 32-36	<p>Module : Next steps – Exploring Documents (4278)</p> <ul style="list-style-type: none"> - Create and amend a text document - Amend text for a specific audience - Add images or other objects to a document - Refine and organise the layout of a document for a specific audience - Evaluate a finished document <p>Module : Next steps – Exploring Multimedia (4285)</p> <ul style="list-style-type: none"> - Create a page of text, images and sounds which are activated by appropriately named and positioned buttons - Publish interactive multimedia reports - <p>Module : Next steps - Exploring Spreadsheets (4280)</p> <ul style="list-style-type: none"> - Enter labels and numbers into spreadsheet - Enter and copy simple formulae 			

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| | <ul style="list-style-type: none">- Create a graph- Modify data- Use a spreadsheet to answer a modelled scenario ('what if') | | | |
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