

Yr 2	Autumn 1	Autumn 2	Spring	Summer 1	Summer 2
	Theme Science – animals including Humans - keeping healthy History / Geography (Africa)	Theme Science – sound History- Christopher Columbus / Neil Armstrong	Theme Science – all living things and their habitats Geography – Human / Physical Our town	Theme Science – materials linked to building History – people 100 years ago	Theme Science – plants – growing food Geography – Human / Physical – seaside
	Computer science Programming using sequence Algorithms – interpret patterns, check for errors. Edit algorithms with errors to produce correct sequences. Programmable toys – Roamer Use of ‘repeat’ command to create efficient programs. Create a sequence of instructions to generate simple geometric shapes (oblong /square). Computer simulations Recognise patterns within simulations and make and test predictions.	Computer science Programming using sequence and repetition Programming and debugging J2e ‘turtle’ A.L.E.X. app Lego Fix the factory app Code Blast app Online resource - Hour of code activities –angry bird Use new BlueBot and BlueBot app to create complex algorithms.	Digital Literacy - E-safety Link to e-safety week What is personal information and what is safe to share online? Keeping safe online – understand how to report concerns to an adult. Communication – email Demonstrate the key features of an email message including email address, subject line and send. Write a class email to another class or an educational organisation.	Computer science Programming using sequence, selection and repetition Programming and gaming using ScratchJr app or Scratch online. Introduce actions using the purple buttons. Design and make a simple game using the app or if using Scratch online include the use of arrow keys to move sprites. Share the activity with others for evaluation and suggestions for improvement. Useful resource – How do computer games work? http://www.bbc.co.uk/guides/zchc4wx	Computer science Computer networks Common use of technology in our lives. BBC schools resource http://www.bbc.co.uk/education/subjects/zyhbwmn
	Information Technology Text activity – type instructions in a list format for programming	Information Technology Audio recording Audio instruction and sound recording using	Information Technology Keyboard skills – use appropriate keys to edit text such a shift,	Information Technology Handling data Link to science theme building	Information Technology Digital art – use graphics programs or apps to create pictures and

	<p>activities, or rules for a game. Use return for a new line</p> <p>Multimedia – create a digital presentation using photographs, video or screen casting app. Link to science theme keeping healthy. Photostory iMovie app Shadow puppet edu app</p> <p>Using the internet to search for information Navigating a web page Searching for information using child friendly search engines. Web research about Kenya – search for relevant images</p>	<p>easi speak microphone, talk postcards, Voice Record Pro app, Sound recording activities using 2simple Music Toolkit software</p> <p>Animations Create simple animations using software or apps - link to History theme Lego Movie app Shadow Puppet Edu app Puppet Pals 2 app Toontastic app</p>	<p>backspace, return</p> <p>Digital imagery – take photographs of local area.</p> <p>Text activity – write stories or non-fiction text books create multimedia books / leaflets / posters using 2simple software or book making and collage apps Our Story app My Story app Book Creator app PicCollage app</p>	<p>Create charts and graphs using 2simple 2count or 2graph Sorting activities</p> <p>Introduce branching databases using 2simple 2question</p> <p>Multimedia – create a digital presentation using photographs, video or screen casting app</p>	<p>patterns. 2paint Dazzle Doodle buddy app</p> <p>Information Technology Internet research Using online maps (google maps) to study seaside locations</p> <p>Search for information about growing salad vegetables using child friendly search engines.</p> <p>Digital imagery – take photographs to demonstrate how to grow vegetables. Create posters using Pic Collage app</p>
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