

	Autumn 1 ME, MYSELF AND I	Autumn 2 WHAT A WONDERFUL WORLD	Spring 1 DISCOVERY DETECTIVES	Spring 2 TIME TRAVELLERS	Summer 1 AMAZING ANIMALS	Summer 2 LOCATION, LOCATION, LOCATION.
Nursery	<b>Who lives in my house</b> Exploring toys with buttons and outputs	<b>Which colours make you feel happy or sad?</b> Smart board drawing and changing the colours	<b>What can I do with water?</b> E safety Percy Penguin and pop up danger	<b>How do I get about?</b> Exploring simple click to select games.	<b>What would you find at the farm?</b> We can get information from the computer	<b>What happened to Jack's beans?</b> Inputs and out puts code dinosaur
Reception	<b>What do I know about me?</b> Understanding technology around us – phones and iPad can take pictures.	<b>Why are there so many leaves on the ground?</b> Using the interactive whiteboard click and drag to select answers	<b>Should Goldilocks say sorry?</b> Digital safety using phones and tablets with parents	<b>Who can I ask for help?</b> Explore laptops and class computer. Type name.	<b>Are all minibests scary?</b> Click and drag making a pattern butterfly. Moving mouse	<b>How can we help pirates find treasure?</b> Inputs and outputs code apillar.
Year 1	<b>Which birds and plants would you find in our forest school?</b> Using the laptops. Logging on/off. Using our log ins and passwords. Using 2 simple to draw self-portraits, firework pictures, owl pictures and Christmas.	<b>Why does it get dark earlier in the winter?</b> Using the laptops. Logging on/off. Using our log ins and passwords. Using 2 simple to draw self-portraits, firework pictures, owl pictures and Christmas.	<b>Which materials should the Three Little Pigs have used to build their house.</b> ESafety – smart crew, ceop. (Internet safety week)	<b>What has changed since your grandparents were young? (1950's/60's)</b> Timeline of technology in and out of school. 2 Simple interactive story.	<b>Why can't a meerkat live in the North Pole?</b> Education City. Using simple online programmes safely.	<b>Where do we live?</b> Exploring Beebots. Understanding what a simple algorithm is and writing simple set of code.
Year 2	<b>How could you be an Olympian?</b> graph / pie charts. Using software to represent data	<b>What was it like to live in Mossley during the Victorian times?</b> Picasso.net. Editing and manipulating images. Link to Victorian photography.	<b>How can we grow our own salad?</b> Esafety – Smart Crew, Ceop (Internet safety week) Education City – Instructions and algorithms. Continue with Beebots. – Predict the behaviour of a simple code.	<b>Why was Samuel Pepys a significant person in history?</b> Using power point to make a simple presentation. (Adding a picture and some text)- link to Great Fire of London	<b>Why would a dinosaur not make a good pet?</b> Using the internet to research information on dinosaurs. Kids-dinosaurs.com I can use the internet to find the answer to a question.	<b>Why do we love to be beside the seaside?</b> Using power point to present information on contrasting locality.

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<b>Year 3</b>	<p><b>How far can you throw your shadow?</b></p> <p>Word processing skills. Log on and off saving own work in own folder, retrieve own work to further edit.</p>	<p><b>What makes the Earth angry? (Including Rocks and Soils)</b></p> <p>Research. Retrieve documents from the public drive, gather information from a search engine What is the internet? Using the internet to gather information.</p>	<p><b>Can you feel the force?</b></p> <p>E safety – using the internet safely. Acceptable and unacceptable behaviour on the internet. E.g information posted on the internet will stay on the internet.</p>	<p><b>Who first lived in Britain? (including plants)</b></p> <p>Research continued. Presenting skills – power point inserting new slide, images, transition functions. Word processing skills building on from Key stage 1</p>	<p><b>What are the ‘Bear’ necessities of life</b></p> <p>Presenting data using ICT. Creating different graph types by inserting data.</p>	<p><b>How has Greece changed over time?</b></p> <p>Using algorithms. Using instructions. Writing a simple piece of code using scratch. Exploring changing the background and sprites. Using repeat and loop with this code.</p>
<b>Year 4</b>	<p><b>Why is music enjoyed by so many?</b></p> <p>Scratch create a looped programme with movement and insert a recorded sound file. Coding and debugging</p>	<p><b>Where would you choose to build a city? (Including water cycle)</b></p> <p>Combine and manipulate digital images making a brochure on power point.</p>	<p><b>How could you cope without electricity for a day?</b></p> <p>E safety week – using avatars and the dangers of posting personal information. Presenting skills – word.</p>	<p><b>Why were the Romans so powerful?</b></p> <p>What is a search engine? How can we use a search engine safely? Use key words to search information on the Romans.</p>	<p><b>What happens to the food we eat?</b></p> <p>Using the internet to gather information – bite size food chains. Data handling – favourite foods.</p>	<p><b>Who were more successful the Anglo-Saxons or the Vikings?</b></p> <p>Know how people are connected across the world. How can we communicate online? research</p>
<b>Year 5</b>	<p><b>Could you walk in Neil Armstrong’s footsteps? (+Forces)</b></p> <p>Publish and share work on Website Research, present and edit. Link to science topic.</p>	<p><b>Why should the rainforests be important to us all?</b></p> <p>Data handling Presentation skills continued inserting notes and hyperlinks.</p>	<p><b>Could you be a forensic scientist?</b></p> <p>E safety – Cyberbullying.</p>	<p><b>Why were Norman castles certainly not bouncy?</b></p> <p>Sketch – up Link to Norman Castles. Choosing appropriate tools to create images.</p>	<p><b>Do all animals and plants start off as eggs?</b></p> <p>Microbits – Introduction</p>	<p><b>Can you walk like an Egyptian?</b></p> <p>Switched on unit “We are Musicians” Combining, manipulating, refining music and sound. (Egyptians)</p>
<b>Year 6</b>	<p><b>Have we always looked like this?</b></p> <p>To independently use a search engine responsibly and safely to research the topic Create a presentation suited to an audience. Create, edit, evaluate and combine digital images within presentation.</p>	<p><b>Who were the Mayans and what did we learn from them?</b></p> <p>Create a presentation suited to an audience. Create, edit, evaluate and combine digital images within presentation.  Include hyperlinks, timings, transitions, music and notes. Export to make a video.</p>	<p><b>How could you light up your life? (including electricity)</b></p> <p>Online safety and cyber bullying. Using the internet safely and being respectful of others. Looking at the problems of social media. What are the</p>	<p><b>Would you survive the Victorian workhouse?</b></p> <p>Spreadsheets to carry out calculations, create graphs to show information and to present data in a variety of ways about the population over time.</p>	<p><b>What would a journey through your body look like? (including animals and habitats)</b></p> <p>Scratch – make a block (Making functions and procedures)  HTML mark up. (Web pages)</p>	<p><b>I’m a year six pupil get me out of here?</b></p> <p>Micro bits – continue through scheme</p>

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