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| Year group 1 | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
|  | We are zoologists  Skills/Expectations:  • Consider the technical and artistic merits of photographs. • Use a digital camera or camera app.  • Take digital photographs.  • Review and reject or rate the images they take.  • Edit and enhance their photographs.  • Select their best images to include in a shared portfolio.  • Sort and classify a group of items by answering questions. • Collect data using tick charts or tally charts. • produce pictograms and other basic charts.  Use Scratch to start a new project  Add new characters and backgrounds  Use blocks for movement in different directions. | We are researchers  Using scratch Create a short set of sequenced instructions. Use different end blocks including repeat forever. Change the size of characters to grow and shrink. Hide and show characters with an instruction block.  Research materials for the three little pig’s houses.  Movie maker app  We are TV chefs  Filming a healthy recipe  Use sketches to design a Christmas card/treasure map/self-portrait.  Children will discover how technology helps us in our day to day lives (including in the home. Emphasis on e-safety.  Understand the need to keep passwords private.  Children discuss, understand and abide by the school’s e-Safety or Internet rules. | We are meteorologists  Create a weather forecast using green screen.  Use pages to create a presentation on weather in London.  Use scratch to predict the behaviour of a character based on a sequence of instructions.  Research climate change and prevention. Create a poster using book creator.  Find out how use images from the web.  Find out how to stay safe on the internet with Smartie the penguin. | We are biologists  Use Scratch to Edit the colours and other features of a sprite.  How to make smart online decisions.  Know that email is a method of sending and receiving messages through the Internet.  Children know that personal information is as valuable online as offline and that it should not be shared without a parent, carer or teacher’s permission. | We are storytellers  Make pictographs  Use Scratch to build your own gardens and move your plant sprites. Create a gardener to care for the plants.  Jack and the beanstalk internet safety. Trespassing and online data.  Create a talking books using book creator and chatterpix  Use tinker to solve algorithms and debug them when mistakes are made.  Children to know that not everything they find online is accurate. | We are horticulturalists  Make an ebook on growing plants with book creator or keynote.  Use the video and photo apps to catalogue the growth of a plant.  Use tinker to solve algorithms and debug them when mistakes are made. |