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| Computing enquiry | | Computers and using computers | E-Safety | | Coding | Networks | Net searching | | Vocabulary |
| * Understand use of algorithms * Write and test simple programs * Use logical reasoning to make predictions * Organise, store, retrieve and manipulate data * Communicate online safety and respectfully * Recognise uses of IT outside of school * With support, open a programme * To use the letter and number keys on keyboard | | * recognise common uses of IT in the home and school environment * use technology to purposely create digital content | * understand where to go for help and support when he/she has concerns about content or contact on the internet or other online technologies | | * predict the behaviour of simple programs * understand what algorithms are and how they are implemented on digital devices | Not applicable | Not applicable | | Algorithm, digital, devices, computer, computing, logical, organise, store, retrieve, data, online safety, programme, |
| Challenge  -record pupil’s voices as a voice over  -use a teacher prepared photo story to create a slideshow of photos. | | | | | | | | | |
| Knowledge and understanding E-safety | Algorithms and programs | | | Data retrieving and organising | | | | Communicating | |
| -follow the school’s safer internet rules  -understand the different methods of communication  -know you should only open emails from a known source  -know that personal information should not be shared online  -know they must tell a trusted adult immediately if anyone tries to meet them via the internet. | -create a simple series of instructions such as left and right  -record their routes  -understand forwards, backwards, up and down  -put two instructions together to control a programmable toy  -plan and test a bee-bot journey | | | -capture images with a camera  -print out photographs, with help, from a camera  -record a sound and play it back  -enter information into a template and make a graph  -talk about results shown on a graph | | | | -recognise what an email address looks like  -joined in sending a class email  -use the @ key and type in an email address  -word process ideas using a keyboard  -use spacebar, back space, enter, shift and arrow keys  -print out a page from the internet | |
| Cultural Capital | | | | | | | | | |
| Communication  Safety online  Opportunities for inclusion through technology use | | | | | | | | | |