|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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 |
| CommunicationSafety onlineOpportunities for inclusion through technology use |