

 **Computing Vocabulary**

**As a school, we have set our curriculum intent with our children at the centre.**

**Our curriculum is designed to achieve strong outcomes, positive mental and physical health, resilience and identity: reflecting our vision of ‘life in all its fullness**

Computing is split into 5 different categories: **E-Safety**, Programming, Multimedia, Technology in Our Lives and Data Handling. Below is the vocabulary progression from Reception to in Year 6.

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| **Programming** |
| **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| EquipmentButtonsMovement | InstructionsButtonsRobotsPatterns Program | ForwardBackwardRight-angle turnAlgorithmSequenceDebugPredict | Sequence instructions Sequence debuggingTest + improveLogo commandsSequence programming | Type + edit logo commandsSensorsOpen-ended problemsBugs in programs Complex programming | Explore procedures Refine proceduresVariableHardware + software controlChange inputsDifferent outputsArticulate solutionsCommands | Predicting outputsPlan, program, test & review a programProgram writingControl mimics + devicesSensorsMeasure inputCreate variablesLink errors |
| **Multimedia** |
| **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| ScreenMouseImagesKeyboardPaint | VideosCamera stillsSoundsImage bankWord bankSpace bar | Paint effectsTemplatesAnimationDocumentsIndex finger typingEnter/returnCaps lockBackspace | MultimediaPresentationsAlignmentBrush sizeRepeatsReflectionsGreen screening AmendCopy Paste | Creating + modifyingSpecific purposePhoto modifyingKeyboard shortcutsBullet pointsSpell checkConstructive feedback | Online sharingMultimedia effectsMultimedia modification TransitionsHyperlinksEditing toolsRefiningOnline sharing | Appropriate online toolsAudienceAtmosphereStructureCopyrightInformation collectionHTML codeStoring |
| **Technology in Our Lives** |
| **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| TechnologyShareCreateInternet | PurposeOnline toolsCommunicate | Information sourcesCommunicationPurposesWebsite content | School networkDevicesComputer partsCollaborateAppropriate online communicationSearch toolsAppropriate websitesOwner | Different networksInformation collectionReliability Owners | Computing devicesInternet partsCollaborationResponsibility Searching strategiesWebpages | Information movementConnecting devicesDifferent audiencesResearch strategiesSearch result rankingsAcknowledge resources |
| **Data Handling** |
| **Reception** | **Year 1** | **Year 2** | **Year 3** | **Year 4** | **Year 5** | **Year 6** |
| CollectSet of photosCountOrganise | PhotographsVideoSoundDataPictogramDigitally  | Capturing momentsMagnified imagesQuestions Data collectionGraphsChartsSaveRetrieve | Questioning DatabaseConstructContributeRecording dataData loggerPresent data | Database creationDatabase searchesInaccurate data | SpreadsheetsComplex searches (and/or: </>)Problem solvingPresent answersAnalyse information Question dataInterpret | GenerateProcessInterpretStorePresent information PlausibilityAppropriate data toolInterrogateInvestigations |

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| **E-Safety** |
| **Reception** | **Year 1** | **Year 2** | **Year 3 and Year 4** | **Year 5 and Year 6** |
| ChoicesInternetWebsite | RulesOnlinePrivate informationEmail | Appropriate/inappropriate sitesCyber-bullyingDigital footprintKeyword searching | E-safety rules Secure passwordsReport abuse buttonGamingBlogs | Responsible online communication Informed choicesVirus threatsBlogsMessaging |