Vocabulary Progression at John Bunyan Primary

COMPUTING

COMPUTING: YEAR 1

TERM 1: WE ARE TV CHEFS	TERM 2: WE ARE TREASURE HUNTERS	TERM 3: WE ARE COLLECTORS
E-safety Algorithms Clip Edit Applications / Camera App	E-safety Debug Programming Predicting Beebot / robot Coding Hardware	E-safety Copyright Private Permission Personal information Web browser / search engine

COMPUTING: YEAR 2

TERM 1: WE ARE ASTRONAUTS WE ARE PHOTOGRAPHERS	TERM 2: WE ARE RESEARCHERS WE ARE DETECTIVES	TERM 3: WE ARE GAME TESTERS WE ARE ZOOLOGISTS
E-safety Algorithm Program Sprite Scratch Debug Block coding Download Pixl Portfolio Picasa Focus Frame	E-safety Google / Search engine Presentation / Slideshow Digital content Attachment Database Email Address (email) Junk Spam	E-safety Algorithm Scratch Block coding Database Apps / application Flowchart Binary Database

COMPUTING: YEAR 3

TERM 1: WE ARE NETWORK ENGINEERS WE ARE PRESENTERS	TERM 2: WE ARE BUG FIXERS WE ARE COMMUNICATORS	TERM 3: WE ARE PROGRAMMERS WE ARE OPINION POLLSTERS
E-safety Network Command prompt Internet IP address Packet of data Ping Router Wi-fi Close-up Footage Panning Frame (shots) Tripod	E-safety Algorithm Debug Program Script Bug:- Off by one bug Performance bug Multi-thread bug Conceptual bug Arithmetical bug Resource bug Attachment Email Spam Virus Video conferencing Data (packets of) Internet	E-safety Algorithm Animation Input Output Script Debug Opinion Rating scale

COMPUTING: YEAR 4

TERM 1: WE ARE HTML EDITORS WE ARE CO-AUTHORS	TERM 2: WE ARE TOY DESIGNERS WE ARE MUSICIANS	TERM 3: WE ARE SOFTWARE DEVELOPERS WE ARE METEROLOGISTS
E-safety Code HTML HTTP Hyperlink Tag URL Webpage Debug Bug Reliable Wiki Wikipedia's five pillars Web page Source document	E-safety Algorithm Debug Bug Input Output Pitch Simulation Scratch Block code Loop Flow Digital Software LMMS Isle of tune	E-safety Bug Debug Input Interface Output Program Variable Block Coding Software Graphics Scratch Data-logging Forecast Thermometer Anemometer Digital thermometer Barometer Rain gauge

COMPUTING: YEAR 5

TERM 1: WE ARE CRYPTOGRAPHERS WE ARE GAME DEVELOPERS	TERM 2: WE ARE BLOGGERS WE ARE ARCHITECTS	TERM 3: WE ARE ARTISTS WE ARE WEB DEVELOPERS
E-safety Cryptographers Binary code Cipher Decrypt Encrypt Morse Code Semaphore Code Algorithm Bugs Debugging Code Programing Sprites	E-safety Blog Audience Copyright Dashboard Hyperlinks Podcast Tags / Hashtags Animation Navigation Screencast Virtual	E-safety Sprite Scratch Inkscape Tessellations Bias Page rank Search engine Wiki Safe search

COMPUTING: YEAR 6

TERM 1: ONLINE SAFETY WE ARE ADVERTISERS	TERM 2: WE ARE COMPUTATIONAL THINKERS WE ARE TRAVEL WRITERS	TERM 3: WE ARE ADVENTURE GAMERS WE ARE PUBLISHERS
E-safety Advertisers Creative commons Rough cut Final cut Footage	E-safety Algorithm Pseudocode Linear / random / binary search Selection sort Geotagging GPS Tracklog Smartphone Metadata Satellite Receivers	E-safety Python Variable Syntax Java script Desk top publishing (DTP) Typeface – font