



Thames View Junior School Computing Overview

UNIT	Year 3	Year 4	Year 5	Year 6
1	We are programmers Programming an animation	We are software developers Developing a simple educational game	We are game developers Developing an interactive game	We are app planners Planning the creation of a mobile app
2	We are bug fixers Finding and correcting bugs in a program	We are toy designers Prototyping an interactive toy	We are cryptographers Cracking codes	We are project managers Developing project management skills
3	We are presenters Videoing performance	We are musicians Producing digital music	We are artists Fusing geometry and art	We are market researchers Researching the app market
4	We are vloggers Making and sharing a short screencast presentation	We are HTML editors Editing and writing HTML Making and sharing a short screencast presentation using digital media and the internet	We are web developers Creating a website about cyber safety Editing and writing HTML - learn the history of the web, before studying HTML (hypertext mark-up language), -the language in which web pages are written. -They learn to edit and write HTML, and then use this knowledge to create a web page.	We are interface designers Designing an interface for an app Creating a website about cyber safety - create a website explaining online safety and responsible online behaviour.
5	We are communicators Communicating safely on the internet	We are co- authors Producing a wiki Communicating safely on the internet - recognise acceptable/unacceptable behaviour when using varied media	We are bloggers Sharing experiences and opinions Producing a wiki -the pupils collaborate to create a 'mini Wikipedia'. They then go on to add or amend content on the real Wikipedia.	We are app developers Developing a simple mobile phone app Sharing experiences and opinions - pupils create a media-rich blog, - comment on blogs and respond to comments.
6	We are opinion pollsters Collecting and analysing data	We are meteorologists Presenting the weather Collecting and analysing data- using Google Forms, Google Sheets and Google Slides for their opinion poll	We are architects Presenting the weather -Create a spreadsheet of weather data collected -make charts, maps and graphs of weather data collected; -create a TV-style weather presentation	We are marketeers Creating video and web copy for a mobile phone app Creating a virtual space - the pupils research examples of art gallery architecture, before using Trimble SketchUp to create their own virtual gallery. - use the gallery to exhibit their own artwork.



Denotes skills not taught in the previous year. First lesson for this unit should be a review of the skill in the previous year. Use the sample videos/CPD videos to review and then move on with the unit.