



# EASTCROFT PARK PRIMARY SCHOOL

## Computing Curriculum Map



|                                                         | <u>Digital Literacy</u>                     |                                                                |                                      | <u>Computer Science</u>                                     |                                                                   | <u>Information technology</u>                                                  |                                                                                                | <u>Byte size &amp; fun</u>                                        |                                                    |                                                                                              |
|---------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Rec</b><br>(Non – Statutory – not all units covered) | My online life<br>(life in a digital world) |                                                                |                                      | Robots<br>(simple algorithms)                               | Nursery Rhyme<br>Coding<br>(computational thinking - sequencing)  | Pretty pictures<br>(digital photography)                                       |                                                                                                | Shape hunt (photograph shapes around school)                      |                                                    |                                                                                              |
| <b>Y1</b>                                               | My online life<br>(life in a digital world) | Modern Tales<br>(Online safety & communication)                |                                      | What is a computer?<br>(Learning about computer components) | My Friend the Robot<br>(computational thinking)                   | Minibeasts<br>(collecting/sorting data & nature documentary)                   | News Presenter<br>(video news report filming/production)                                       | Drawing with shapes<br>(stop frame animation)                     | Email Me (online communication)                    |                                                                                              |
| <b>Y2</b>                                               | My online life<br>(life in a digital world) | Introducing AI (intro. to artificial intelligence (AI) basics) | My online buddies<br>(online safety) | Code a story<br>(animation using visual coding)             | Making Games<br>(Coding games with Scratch Jnr)                   | Storyland<br>(e-book/audiobook creation)                                       | Presentations & Typing<br>(presentation software/typing skills)                                | Heads up<br>(game creation)                                       | Maths madness<br>(Qr codes)                        |                                                                                              |
| <b>Y3</b>                                               | My online life<br>(life in a digital world) | Online detectives<br>(advanced internet searching)             |                                      | Dancing Robot<br>(Visual coding using Scratch Jnr)          | Programming with Robots<br>(history of robots, robot programming) | Rainforests<br>(exploring using VR apps & creating interactive games)          | Be Digitally Awesome<br>(Core skills with word processing, spreadsheet and presentation apps.) | Keyboard adventures<br>(advanced use of the keyboard & shortcuts) | T-shirt designer<br>(Digital illustration)         |                                                                                              |
| <b>Y4</b>                                               | My online life<br>(life in a digital world) | Real or fake<br>(investigating fake news)                      |                                      | Hour of code<br>(Coding challenges)                         | Inventors & designers<br>(Intro. to Micro:bits)                   | Games Designer<br>(investigate game design career & design/prototype own game) | Dinosaurs<br>(Digital filmmaking)                                                              | Endangered Species<br>(illustration & poster creation)            | Wizard school<br>(creating eBook using multimedia) | Minecraft challenges<br>(3D modelling challenges)                                            |
| <b>Y5</b>                                               | My online life<br>(life in a digital world) | Youtuber<br>(Vlogging)                                         |                                      | Girls Vs Boys:<br>STEAM challenges                          | Web Designer<br>(basic web design & simple html)                  | Lost in space<br>(CS quiz creation)                                            | Making AR games<br>(creating game using AR)                                                    | Binary Messages<br>(Binary code)                                  | Video game music composer                          | News reporter & podcaster                                                                    |
| <b>Y6</b>                                               | My online life<br>(life in a digital world) | Online safety dilemmas                                         |                                      | Crossy road<br>(visual coding)                              | Micro:bits – Fun with code & electronics                          | Coding Playground<br>(self-paced coding challenges)                            | VR worlds<br>(build own VR world)                                                              | Money<br>(Exploring money & stocks)                               | Quiz show host<br>(using apps to create quizzes)   | Leaver's book & video<br>Maths: Solve IT club (create digital guide to being a maths genius) |

**Never settle for less than your best.**