

**Computing Long Term Plan East Halton**

| Year Group |         | Autumn 1                                                                                                                                                                            | Autumn 2                                                                                                                                                                            | Spring 1                                                                                                                                                                            | Spring 2                                                                                                                                                                            | Summer 1                                                                                                                                                                            | Summer 2                                                                                                                                                                            |
|------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EYFS       | Cycle A | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> |
|            | Cycle B | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> | <ul style="list-style-type: none"> <li>Taking photos with a tablet</li> <li>Tinkering with a Bee-bot, Doodling on an iPad</li> <li>An old keyboard in the role play area</li> </ul> |
| KS1        | Cycle A | 1.1 Online safety and exploring purple mash<br><br>1.9 Technology Outside School                                                                                                    | 1.2 Grouping and sorting<br><br>1.8 Spreadsheets                                                                                                                                    | 2.5 Effective Searching<br><br>1.4 Lego builders<br><br>Internet Safety Day                                                                                                         | 2.6 Creating pictures                                                                                                                                                               | 1.7 Coding                                                                                                                                                                          | 2.1 Coding                                                                                                                                                                          |
|            | Cycle B | 1.1 Online Safety and exploring purple mash<br><br>1.9 Technology Outside School                                                                                                    | 2.8 Presenting ideas<br><br>2.7 Making Music                                                                                                                                        | 2.2 Online safety<br><br>1.3 Pictograms<br><br>Internet Safety Day                                                                                                                  | 2.4 Questioning                                                                                                                                                                     | 1.5 Maze explorers<br><br>2.3 Spreadsheets                                                                                                                                          | 1.6 Animated story books                                                                                                                                                            |
| Y3/4       | Cycle A | 3.2 Online safety<br><br>Spreadsheets 3.3                                                                                                                                           | Coding<br>(follow separate plan)                                                                                                                                                    | 3.5 Email (including online safety)<br><br>Internet Safety Day                                                                                                                      | 4.3 Spreadsheets                                                                                                                                                                    | 3.4 Touch typing<br><br>3.8 Graphing                                                                                                                                                | 3.6 Branching databases<br><br>3.7 Simulations                                                                                                                                      |
|            | Cycle B | 4.2 Online safety                                                                                                                                                                   | Coding                                                                                                                                                                              | 4.11 Artificial                                                                                                                                                                     | 4.5 Logo                                                                                                                                                                            | 4.7 Effective Search                                                                                                                                                                | 4.10 Micro bits                                                                                                                                                                     |

|      |         |                                        |                                  |                                                             |                               |                  |                  |
|------|---------|----------------------------------------|----------------------------------|-------------------------------------------------------------|-------------------------------|------------------|------------------|
|      |         |                                        | (follow separate plan)           | Intelligence<br>Internet Safety Day                         | 4.8 Hardware<br>investigators | 4.6 Animation    |                  |
| Y5/6 | Cycle A | 5.2 Online safety<br>6.2 Online safety | Coding<br>(follow separate plan) | 5.7 Concept maps<br>5.6 3D Modelling<br>Internet Safety Day | 5.3 Spreadsheets              | 5.5 Game creator | 6.3 Spreadsheets |
|      | Cycle B | 5.2 Online safety<br>6.2 Online safety | Coding<br>(follow separate plan) | 6.5 Text Adventures<br>Internet Safety Day                  | 5.4 Databases<br>6.4 Blogging | 6.7 Quizzing     | 6.6 Networks     |