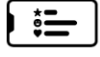


## INTENT:

In our school, our computing curriculum enables children to become safe, independent and creative users of technology so that they are prepared for the future in a digital world.



|                      | Autumn 1                                                                                                                                                                                                                                                                                                                                          | Autumn 2                                                                                                                                                                                                                                       | Spring 1                                                                                                                               | Spring 2                                                                                                                                                                                                                                                         | Summer 1                                                                                                                                                                                                                                                          | Summer 2                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| <b>Nursery</b>       | In Nursery children have opportunities to access ICT equipment during continuous provision.<br>During this time children are taught how to handle and use the equipment safely.                                                                                                                                                                   |                                                                                                                                                                                                                                                |                                                                                                                                        |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |                                                                                |
| <b>Reception</b>     | In Reception children have a computing session each week where they learn basic keyboard and mouse skills.<br>Children have opportunities to use ICT in class during lessons and through continuous provision.<br>During Computing sessions children learn about how to keep safe online. Online safety is also taught through PSHE in Reception. |                                                                                                                                                                                                                                                |                                                                                                                                        |                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |                                                                                |
| <b>Year 1</b>        | <b>Basic ICT skills</b><br>Mouse control<br>Key board control<br>Introduction to computing                                                                                                                                                                                                                                                        | <b>Digital Literacy</b><br>Design a party invitation                                                                                                                                                                                           | <b>Digital Literacy</b><br>Word processing- Animals                                                                                    | <b>Multi-Media</b><br>Create an E-Book                                                                                                                                                                                                                           | <b>Algorithms</b><br>Operate a simple robot                                                                                                                                                                                                                       | <b>Coding</b><br>Coding challenges, different ways to send codes to a computer |
| <b>Year 2</b>        | <b>Digital literacy</b><br>Mouse and Keyboard skills<br>Create sign for bedroom                                                                                                                                                                                                                                                                   | <b>Digital Literacy</b><br>Word processing skills- fact finding/ fact file                                                                                                                                                                     | <b>Multi-Media</b><br>Create an E-Book                                                                                                 | <b>Algorithms</b><br>Complete computer programming tasks                                                                                                                                                                                                         | <b>Programming</b><br>Kubo Robots                                                                                                                                                                                                                                 | <b>Design / Simulation</b><br>Design and create a vehicle for the future       |
| <b>Online Safety</b> | <b>Project Evolve</b><br><br>Self-Image and Identity                                                                                                                                                                                                           | <b>Project Evolve</b><br><br>Online Relationships<br><br>Online Bullying | <b>Project Evolve</b><br><br>Privacy and Security | <b>Project Evolve</b><br><br>Health, Well-being and Lifestyle<br><br>Online Reputation | <b>Project Evolve</b><br><br>Copyright and Ownership<br><br>Managing Online Information |                                                                                |