

Computing Department - Year 5-6 Scheme of Work

| National Curriculum/ AAA links: |  |  |  |                 |
|---------------------------------|--|--|--|-----------------|
| Term                            | Title  | Unit content   | Key vocabulary   | Resource links: |
| Autumn 1                        | E-Safety<br>VLE Introduction<br>Touch Typing (Introduction)                          | <p>Pupils will learn the importance of E-Safety and how to stay safe online and in the digital world around them.</p> <p>Pupils will learn what the VLE is and how to use it for learning and completing schoolwork.</p> <p>Pupils will learn what touch typing is and the importance of it to the digital world they live in, how this skill will help them now and in their future careers.</p>                          | E-Safety, Reporting, Blocking, VLE, Google Classroom, Usernames, Passwords, Touch Typing.      |                 |
| Autumn 2                        | Coding (Introduction)<br>Virtual Advent Calendar                                     | <p>Pupils will be introduced to coding using Purple Mash 2Code, gaining an understanding of block coding and some coding concepts and give them a clear foundation for future projects.</p> <p>Pupils will be introduced to basic design and an understanding of what an advent calendar is and the importance of it in the British society.</p>   | Block coding, times, On Click, show, hide, variables, advent, design                           |                 |
| Spring 1<br>Spring 2            | E-Safety<br>Humanities project.<br>Presenting Information<br>Touch Typing (Advanced) | <p>Pupils will recap on and further learn the importance of E-Safety and how to stay safe online and in the digital world around them.</p> <p>Pupils will learn how to research topics online and how to gather information from a variety of sources and then present that information in an informative way.</p> <p>Pupils will solidify their understanding of touch-typing skills in preparation for future years.</p> | E-Safety, Reporting, Blocking, Presenting, PowerPoint, Slides, Text, Images, Titles, Research, |                 |

|          |                               |   |   |  |
|----------|-------------------------------|---|---|--|
|          |                               |   | WAGOLL, Touch Typing.   |  |
| Summer 1 | E-Safety<br>Coding (Advanced) | Pupils will again recap on and help solidify their understanding of E-Safety and how to stay safe online and in the digital world around them.  | E-Safety,<br>Reporting,<br>Blocking, digital,<br>social media,<br>social gaming,<br>2Code,<br>Code.org, block<br>coding,<br>selection,<br>variables,<br>iteration,<br>sequencing. |  |
| Summer 2 |                               | Pupils will further develop their understanding of block coding, whilst undertaking high level work in Purple Mash 2Code and with the additional introduction to code.org projects. They will undertake various projects that will help them to understand some of the more complex aspects of coding in preparation for the coding courses offered in later years. |   |  |