

## **COMPUTING Curriculum intent**

The intent of our Curriculum in Computing is to ensure that:

- CYP are confident in using code and can understand and apply the fundamental principles and concepts of computer science, including logic, algorithms and data representation.
- CYP can analyse problems in computational terms and have repeated practical experience of writing computer programs in order to solve such problems.
- CYP effectively communicate and can evaluate and apply information technology, including new or unfamiliar technologies, analytically to solve problems.
- CYP are competent, confident and creative users of information and communication technology.
- Computing can be used to support CYP reading skills, explicit or implicitly, and encourage enjoyment of reading.
- CYP can take computing as an option strand and study it for GCSE.
- School strands and activities to encourage enjoyment of computing and develop skills.
- CYP have the skills to access remote learning online during the pandemic.
- CYP understand how to keep themselves safe online.
- Some CYP may go on to take a GCSE in Computer Science.