Years 3-6 are taught in class groups. This enables support, challenge and high aspirations.

We hope to equip children with the skills necessary to use technology to become independent learners, the teaching style that we adopt is as active and practical as possible.

Our lessons promote the *British Value* of *'mutual respect and tolerance of those with different faiths and beliefs and for those without faith.'*

Individual pupil laptops and iPads in classrooms support the development of Computing and ICT capability by enabling independent learning; encouraging research, and allowing for the creative use of ICT in all subjects.

We assess the children's work in Computing whilst observing them working during lessons. Formative assessment occurs on a lesson-by-lesson basis. Summative assessment must be completed once a unit of work has been completed. Teachers must select 3 examples of work that best fits *'working towards'*, *'secure'* and *'working above'*. Colleagues can monitor and secure their judgements by reviewing best fit examples within their year group to confirm teacher assessment. These examples must be saved into the computing area on the learning platform within the 'Assessment and Moderation' subfolders for each year group so evidence can be collated and monitored.

The school uses the national scheme of work for Computing as the basis for its curriculum planning alongside the planning/resources from Squirrel Learning Hub.

The work of the co-ordinator involves keeping up to date about current developments in Computing.

Computing at Uplands
What does it look like?

At Uplands we believe that computing should be embedded across the curriculum enabling children to develop their skills in many forms and in different subjects. Computing is a vital tool for learning and should be creative and productive enabling all learners to excel and succeed. We believe that our engaging and motivating computing curriculum will allow our learners to become digitally literate for lifelong learning in our modern world.

Our aims for Computing are to enable children:

- to develop computing capability in finding, selecting and using information;
- to use Computing for effective and appropriate communication;
- to monitor and control events both real and imaginary;
- to apply hardware and software to creative and appropriate uses of information;
- to apply their computing skills and knowledge to their learning in other areas;
- to use their computing skills to develop their language and communication skills;
- to explore their attitudes towards computing and its value to them and society in general. For example, to learn about issues of security, confidentiality and accuracy.

We ensure that the school community is kept safe by ensuring that:

- The school Computing technician is responsible for regularly updating anti-virus software.

- All children are aware of the school rules for responsible use on login to the school network and will understand the consequence of any misuse.

- Reminders for safe and responsible use of computing and the Internet will be displayed in all areas. Software/apps installed onto the school network server must have been vetted by the Computer Coordinators/SLT for suitable educational content before being purchased and installed.

Internet access is planned to enrich and extend learning activities across the curriculum. However, we have acknowledged the need to ensure that all pupils are responsible and safe users of the Internet and other communication technologies both in school and outside (a separate E-Safety Policy has been produced to address this issue).

In Computing lessons, activities are tailored to pupils needs by:

- setting common tasks which are open-ended and can have a variety of responses
- setting tasks of increasing difficulty
- occasionally grouping children by ability in the room and setting different tasks for each ability group

We hope to provide a high-quality computing education which equips children to use computational thinking and creativity to understand and change the world. In order to do this, we instil positive online learning behaviours and equip children with the knowledge and skills to become independent learners in a safe, considerate and respectful manner.