Be Brave Curriculum

INTENT – IMPLEMENTATION _ IMPACT

Subject: Computing

INTENT

At Hayfield Cross, we intend to prepare our children to be confident and competent within a world that is heavily shaped by technology. Our aim is to develop the children's knowledge, understanding and courage in their computing skills to be able to apply this throughout their inevitable and increasingly regular use of technology, in school and at home.

Across all year groups, online safety is a key focus that is reiterated not only in discrete lessons throughout the year but during any time the children use technology in the school. We ensure that the children value the importance of this safety and have a deep understanding of how to keep themselves and others safe whilst online.

We aim for them to independently take and build upon these skills throughout their time in education and also in their future careers. These skills include being able to design, create and evaluate their work, use a range of different software and find, analyse and present information in a variety of different formats. In this rapidly changing digital world, it is vital the children are able to develop their ideas through information and communication technology and are able to access all aspects of the computing curriculum using computing specific vocabulary. Inspired by our school vision (Joshua 1:9), we aim for them to leave our school with confidence in Computing, giving them the foundations to be brave when exploring further aspects of technology as they grow up.

IMPLEMENTATION

- Each Key Stage has access to both laptops and iPads used in isolated Computing lessons on PurpleMash or Scratch as well as across the curriculum (design and research skills, word processing, presentations, Spelling Shed and Timestables Rockstars).
- Computing scheme delivered through PurpleMash which cover Reception all the way through to Year Six. It is a continuous programme, with each year group building upon the skills and programmes they used in the previous year. The individual units that get taught and developed each year are: Online Safety, Coding, Spreadsheets, Animated Stories, Effective Searching and Presenting Information. There are also year Group specific units that are taught alongside these.
- Each year group has a whole Online Safety unit to cover as part of the scheme.
- A 'Discovery session' at the end of each term, where children are given the opportunity to showcase their Computing skills with open ended tasks.
- Online safety visitor organised to come in to talk to both Key Stages.
- Online safety posters in classrooms, work spaces and corridors which are visible to the children at all times
- Monitoring Computing lessons is checked via lesson drop-ins, observations and pupil/staff voices to check the consistency of Computing knowledge across the school.
- Regularly keep parents informed of online safety information through weekly notices and on the school website.

IMPACT

- The children become confident with their computing skills and are able to apply these to uses of technology elsewhere.
- Everyone will be aware of the potential dangers of computing and using their online safety knowledge and will be able to keep themselves protected whenever they are using technology.
- The children will develop computing skills and language that they will take beyond school into adulthood.