National curriculum in England: Computing & E-safety

Computing & E-safety Curriculum Intent

At Chacewater school, our computing & E-safety curriculum ensures that pupils become digitally literate and able to safely use technology, to prepare them with the skills suitable for use in future workplace and as active participants in a digital world.

The core of computing is computer science, in which pupils are taught the principles of information technology, how digital systems work and how to use and apply this through programming. Building on this knowledge and understanding, pupils are equipped to use information technology to create programs, systems and a range of content. Computing has deep links to many other subjects and is embedded across our curriculum at Chacewater school. Pupils are able to use and express themselves and develop their ideas through information and communication technology.

Computing Curriculum Implementation

Curriculum:

Purple Mash/Mini mash Scheme of work to be used from EYFS to Year 6.

Hardware/Resources:

Chromebooks & Ipads, Headphones, programmable toys.

Delivery:

- Computing/E-safety taught one hour weekly by the class teacher (years 1-6).
- Aspects of computing to link to topic work where appropriate and skills incorporated into other curriculum subjects where relevant.
- EYFS computing delivered though 'Understanding the world' – technology.

Computing Curriculum Impact

Purple Mash assessment tool to be trialled academic year 2019-2020 for all year groups.