



Henleaze Infant School

Our Computing Curriculum



Intent:

At Henleaze Infants School we believe that competence in computing skills are key in children's success in education and their future careers. We recognise that the world of technology is rapidly evolving and therefore teach the children skills that they will need to adapt to these changes. Their ability to problem solve and their critical thinking skills are central to their ability to evaluate and apply the constant developments that take place within the digital world. We teach them how to use technology safely both at school and at home. We aim to provide our children with fun and engaging learning experiences in Computing and to use computers and technology across the curriculum to enable them to be enthusiastic and confident users of technology.

Implementation:

In Computing, we use Purple Mash to support the planning of lessons and pupils in KS1 have their own individual logins for this, so that they can access from home as well as school. We have selected the units from Purple Mash that best suit our school, as well as incorporating a few lessons of our own that use other apps or programs, to broaden pupils' experiences.

Online Safety is an important part of a Computing curriculum and is addressed, with the help of our whole school E-Safety Rules, throughout the year. In addition, we have a particular focus on Online Safety in Term 3, to coincide with Safer Internet Day. Each year group has a different Digiduck book to focus on a different aspect of online safety as a part of this, with follow up activities. There are also KS1 and Reception assemblies delivered to those year groups, as well as information sent out and highlighted for parents/carers in our newsletter with regards to how they can help to keep their children safe online.

Children primarily use iPads in Computing sessions, but do build in other opportunities where they can use Chromebooks also to broaden their experiences. We also build in opportunities for pupils to use iPads to practise key skills in maths and phonics, using various games and apps. As well as our Purple Mash subscription, we have subscriptions to Numbergym and Bug Club so that Computing can support across the curriculum.



Whole School Curriculum Map for Computing

Term	EYFS	YEAR 1	YEAR 2
Autumn 1	Online Safety and safely uses a simple program on a device.	Online Safety and Exploring Purple Mash Create and Avatar	Online Safety and Making Music
Autumn 2		Introduction to Direction and Algorithms	Coding
Spring 3	Technology all around us & Online Safety Day. Children recognise that a range of technology is used in places such as homes and schools.	Technology different uses & Online Safety Day	Effective searching & Online Safety Day Use of technology outside school
Spring 4	Uses IT hardware to interact with age-appropriate computer software.	Use software to sequence the photographs to make a short animated story.	Photo editing
Summer 5	They select and use technology for particular purposes.	Coding	Word Processing
Summer 6	Children further explore about and use a range of everyday technology. They select appropriate applications that support an identified need.	Spreadsheets	Spreadsheets