

Computing Statement of Intent

Intent

At Harnham Infant School our aim is to provide a high-quality computing education which is fully inclusive and accessible to every child. We aim to equip the children to become digitally literate by the end of KS1 to a suitable level in preparation for KS2. Our teaching allows the children to gain secure knowledge and skills which will encourage them to use ICT to develop ideas, express themselves creativity and become computational thinkers. Our aim is to build the foundations of these skills through EYFS to the end of KS1. At the forefront of teaching computing is Online Safety across EYFS and KS1 Internet safety is taught half termly. At Harnham we want to teach children to manage risk safety when using technology and know who they can talk to if they are concerned or upset when using it.

Implementation

Our Computing curriculum map has been developed to ensure coverage and progression across KS1 based on the content outlined in the National Curriculum. This comprises of the 3 main parts; digital literacy, information technology and computer science. Knowledge and skills are taught progressively. Once taught activities linking to the skills are available in the continuous provision allowing the children to embed their learning over time.

In EYFS, computing is not part of the Development Matters (2020) curriculum however at Harnham Infants we feel it is still important to use technology to help enhance other areas of the curriculum. In EYFS there are no computing adult inputs however the children have access to iPad, interactive whiteboards and electrical toys within their continuous provision.

In KS1, information technology and computer science are taught in blocks both as a discrete subjects as well as being woven cross-curricularly. Many of the skills are transferrable which provides a wealth of learning opportunities across the curriculum subjects including, Art, D&T, Maths, Geography, Science and English. In Year 1, the children have access to iPad daily to record their learning in the continuous provision through the use of pictures, videos and voice clips as well as having access to the interactive whiteboards to enable and enhance learning. In Year 2, each classroom has a hub which included 2 laptops for the children to use daily to embed skills, develop their own ideas and express themselves creativity.

Online safety is taught every half term across the EYFS and KS1. In EYFS we use smarty the penguin to help promote discussion with the children about how to be safe online. In KS1 we follow planning from National Online Safety which covers the strands:

- Health, well-being and lifestyles
- Managing online
- Online bullying and relationships
- Privacy and Security
- Self-image and identity
- Online reputation

Examples of the children's work is evident in the class Value Books.

Impact

- Pupils leaving Harnham Infants School will be digitally literate in preparation for KS2.
- They will be equipped with the skills and knowledge to use technology effectively and safely.
- Pupils will understand the consequences of using the internet and are aware of how to keep themselves safe.
- Pupils will be able to use technology to develop ideas, express themselves creativity and are becoming computational thinkers.