

Computing at Ladysmith Junior School

Intent

At Ladysmith Junior School we have developed our computing curriculum around the three core areas of: Computer Science (programming and understanding how digital systems work), Information Technology (using computer systems to store, retrieve and send information) and Digital Literacy (evaluating digital content and using technology safely and respectfully). By the time the children leave Ladysmith Junior school, they will have gained key knowledge and skills in these three main areas of the computing curriculum, which will ensure a solid grounding for future learning and beyond.

Implementation

At Ladysmith Junior School, computing is taught using a block curriculum approach. This ensures children are able to develop depth in their knowledge and skills over the duration of their computing topics. We have a computer suite, one set of Chrome Books and a set of I pads, allowing all year groups to have the opportunity to use a range of devices and programs to use across the wider curriculum, as well as discrete computing lessons. Making use of cross-curricular links motivates pupils and supports them to make connections and to use and further develop skills taught. The implementation of our curriculum also ensures a balanced coverage of Computer Science, Information Technology and Digital Literacy. The children have experience of all three core areas in each year group but the subject knowledge becomes increasingly more specific and skills more complex, so ensuring that learning is built upon.

Impact

The implementation of this curriculum ensures that when children leave Ladysmith Junior School, they are competent and safe users of ICT with an understanding of how technology works. They will have developed skills to express themselves and be creative in using digital media and be equipped to apply their skills in Computing to different challenges going forward.

We measure the impact of our computing curriculum using the following methods:

- Pupils self-evaluation assessments- 'I can' sheets completed after each unit.
- Children's work saved onto their individual accounts
- Talking to the pupils about their learning
- Teacher observations
- Annual reporting