

Computing @ Overdale School

Intent

- At Overdale School, our computing curriculum is designed around the four key areas (computer science, information technology, digital literacy and online safety), as outlined in the National Curriculum, and supported by a scheme of work which is structured into termly outcomes at a level suitable for the future workplace.
- This ensures pupils become digitally literate so that they are able to express themselves and develop their ideas as active participants in a digital world.
- The combination of these areas equips our children with the ability to use a computer safely and confidently. As well as this, we have an E- Safety Policy that provides guidance for teachers and children about how to use the internet safely.

Implementation

- A clear and effective, bespoke cross curricular scheme of work 'Kapow Primary' that provides coverage in line with the National Curriculum. Teaching and learning will facilitate progression across all key stages within the strands of digital literacy, information technology and computer science
- Access to resources which aid in the attainment of skills and knowledge for all learners.
- Children will have access to the hardware (computers, tablets, programmable equipment) and software that they need to develop knowledge and skills of digital systems and their applications.
- Teaching and learning will facilitate progression across all key stages within the strands of digital literacy, information technology and computer science. Children will have the opportunity to explore and respond to key issues such as digital communication, cyber-bullying, online safety, security, digital art and social media.
- Wider Curriculum links and opportunities for the safe use of digital systems are considered in wider curriculum planning - external workshops coming into school.
- Computing day - to enhance and widen curriculum opportunities.
- SMART rules displayed on laptop trollies, class posters of age-related understanding of online safety.
- As well as opportunities underpinned within the scheme of work, children will also spend time further exploring the key issues associated with online safety alongside the RHE curriculum for some key stages.

Impact

The impact of our computing curriculum can not only be seen around school and on the children's individual computer accounts, but also can be measured by speaking to the children themselves. The teaching of the computing curriculum enables our children to use a computer with confidence.

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

- Images of the children's practical learning in a class portfolio
- Children's work saved onto their individual accounts
- Interviewing the pupils about their learning (pupil voice).
- Class portfolios are scrutinised and there is the opportunity for a dialogue between teachers to understand their class's work.
- Annual reporting of standards across the curriculum.