

Computing and Online Safety Curriculum.

Intent

Hunslet Moor aims to develop children into independent learners and computational thinkers by working on a curriculum that covers both procedural and declarative knowledge. We aim for children to feel empowered when using technology and for them to understand how the skills they are taught can positively impact on their learning and success in later life. Our aim is for children to feel inspired by the idea of careers in technology.

We have developed our curriculum using Teach Computing as a platform for sequential curriculum development. The Teach Computing curriculum has been written to support all pupils which supports our vision for inclusive practice. Each lesson is sequenced so that it builds on the learning from the previous lesson, and where appropriate, activities are scaffolded so that all pupils can succeed and thrive. The Teach computing curriculum ensures coverage of the National Curriculum objectives as well as focusing on the three key areas of digital literacy, information technology and computer science.

A golden thread through our computing curriculum is Online Safety. Objectives from '*Education for a connect world*' are interwoven into computing lessons so that information is revisited regularly. We ensure that our children have an in-depth knowledge of online safety topics and develop the skills to tackle any upsetting or inappropriate content they might access online to remain safe. In addition, children understand how to maintain healthy relationships online and how to be respectful and trustworthy to those they may meet in online communities.

Implementation

Computing lessons use a variety of resources from Beebots and Ipads to individual chromebooks. The computing curriculum uses a range of online resources and programmes to support teaching and learning, all age appropriate for the relevant key stage. Google Classroom and use of the smartboards is crucial to modelling, explaining and enhancing the learning experience for pupils as they work through practical sessions. Pupils can use the online learning platform of Google Classroom to record their learning, respond to their next steps and show how they are making progress in their learning. Learning that occurs outside of a digital platform, can be recorded in Wider Curriculum books. Lessons are taught on a weekly basis with additional Online Safety lessons taught through discrete Online Safety days each half term.

Early Years teach using Development Matters 2020 as a guide. Technology, on the whole, is learnt as an integral part of their continuous provision. Children develop through the use of equipment to enhance experiences for example, using tills and phones in role play, being supported to use the iPads, for taking photographs of their work, drawing and writing on the classroom display screens or immersing the children in stories linked to themes of online safety or inspirational people and careers that use technology. Staff make links with parents/carers via Tapestry and Class Dojo, sharing activities completed at school and ways of continuing this learning at home. This is done, wherever possible, to encourage learning beyond the classroom.

Each computing unit is assessed using a unit quiz. The children will be tested on key knowledge that they have learnt as part of the topic. This is regularly reviewed as part of memory recall activities

within lessons, helping the children to know more and remember more. Summative assessments are then made using Sonar in line with our whole school assessment model.

Impact

Our computing curriculum is a high quality, spiral curriculum and is planned to promote learning and progression throughout the years. Themes will be revisited and prior knowledge built upon year on year. Children who remain in school and are keeping pace with the curriculum, will be making good or better progress.

The quality of teaching and learning is monitored regularly in different ways throughout the year; learning walks, lesson observations, pupil voice, book scrutinies and checks of recorded digital evidence. The year is ended with all children completing the National Survey in Online Safety to measure the impact of the Online Safety lessons taught in school. (August 2024)

We want our children to leave Hunslet Moor understanding the positives and negatives of Technology along with a passion and a lifelong inspiration to continue to engage and learn from the technological world we now live in. We want children to be able to safely navigate their way through education and working life applying the skills and knowledge they have learnt through the curriculum we offer, ensuring it does nothing but enhance the opportunities that come their way and promote their positive contributions to society.