Computing Curriculum Statement
Moorsway Federation

Intent

At Moorsway, we aim to equip students with a uniquely powerful set of tools to interact successfully with an increasing computer dominated world. We provide our pupils with the skills to participate effectively and safely in the digital world both in school and at home and celebrate the positive effects that social media can have. We understand that technology can cause negative issues both in and outside of the classroom and believe firmly that the one of the best tools we have is to educate our pupils that there are choices online.

Our rolling programme follows Teach Computing, which ensures that our curriculum is broad and enriching for our pupils. The intent of the Teach Computing scheme of work is to help pupils become independent, creative, safe, respectful and problem-solving digital citizens with a broad and transferrable skillset. Teach Computing makes computing fun for pupils, inspiring them to develop skills beyond the classroom and building an awareness of all the opportunities the subject provides. Throughout all units skills are repeatedly revisited to ensure that our pupils leave with a secure understanding of all elements of the curriculum.

We have arranged the units into a two-year rolling programme at Cornwood and The Erme, and a four-year rolling programme at Shaugh Prior, to fit with our mixed age Classes and ensure full coverage of the curriculum. The units have been arranged to allow for each class to cover the whole curriculum objectives in a progressive fashion as much as possible, and deepen their understanding through consolidation.

Implementation

At Moorsway, we believe that clear and effective progression planning is needed to break down the National Curriculum coverage into small progressive steps to meet the requirements of the children in each year group. This enables them to make links to previous learning and quickly build upon it. We also believe strongly that this begins with pupils in EYFS through their curiosity before they enter KS1 and needing to have the opportunity to develop their curiosity about technology and how and why things work.

Computing is taught weekly in KS1 and KS2. EYFS children have access to digital resources as appropriate through their continuous provision, using this in their play. Pupils are assessed within each lesson and future lessons are adapted to ensure objectives are achieved and children have mastered the skills required. Each child has a Google account which provides them with online cloud storage of their work and also access to a range of other valuable apps and resources.

Impact

In our schools, we take great pride in the teaching and learning of computing and continually strive to ensure that every child can become a confident user of technology, by adapting and changing our curriculum and resources to keep up with current technologies.

Every child will:
- have the opportunity to develop skills both independently and collaboratively
- have misconceptions challenged to deepen their understanding
- use their feedback to further develop their understanding
- develop their understanding in each unit and build on prior knowledge

Computing will be monitored regularly to ensure that pupils are receiving high quality lessons which allow them to make good or better progress. Children will be fully supported by staff and challenged to allow them to reach their full potential.