Dishforth VC CE Primary School and Nursery

Subject on a page: Computing

Intent
The overall aim of our Computing curriculum is that children leave our school as confident, capable and creative users of digital technology, with a secure understanding of computer and information technology and as safe, responsible and discerning digital citizens.

Implementation
Our Computing curriculum is delivered using Boost Learning's Switched On Computing scheme, which is supported by clear skills and knowledge progression. This ensures that skills and knowledge are built on, year by year, and sequenced appropriately, in order to maximise learning for all children.

Impact
Children are well informed about all aspects of digital media. They are able to use many digital programs and can make informed choices when working digitally. Children can talk about what they are learning in their computing sessions and are able to use a range of different resources, software and apps.

How children with additional needs are supported
Adult support, with links to prior learning via the computing "Big Book".
Use of visual prompts and revisiting subject specific vocabulary from Switched On Computing. Flexible groupings/parings tailored to support all children so that they can learn in a way which suits them.

How more able children are challenged
Sessions allow children to investigate a particular software or program, giving them the freedom and flexibility to challenge themselves through an enquiry-orientated approach to questioning-"What if...?"

The focus in my subject this year is:
To enhance the cross-curricular nature of Computing (particularly Information Technology and Digital Literacy) by integrating the use of Microsoft Word, PowerPoint, iMovie etc (Google Docs, Slides) across other subjects, allowing children to begin to (KS1) choose appropriate presentation techniques (KS2).

Monitoring plans for my subject this year are:
Pupil voice, staff questionnaire, lesson observations and drop ins
Through monitoring of Computing "Big Books" and Displays
Encourage sharing of ICT work in special assembly worship on Fridays

Previous improvements and impact
Introduction of Switched on Computing and required apps and hardware. Supporting staff. Mapping of ICT in Early Years with SOC in KS1. Progression of skills mapped throughout school.

Current improvements
Computing links within the geography curriculum KS2 Fieldwork. DT links through 3D printing. A focus on correct, safe and sensible use of technology out of school hours, support for parents around digital safety

Ideas for future Improvements
Explore the possibility of covering some SOC units in a cross curricular way. Finding a more efficient storage solution for laptops to better enable across school usage. Cameras or technology for KS1 children to take photos of their learning. Ensure that KS1 children learn to switch on, log into the laptops and can save their work.

Pupil Voice
78% of KS1 and 88% of KS2 children said that they liked computing sessions. All KS1 and KS2 children agree that it is important to be able to be able to use computers. 72% of KS1 and 100% of KS2 children indicated that the school teaches them how to stay safe online.

Data/Outcomes
All but 3 children in school are meeting the ICT expectations for their year group.