

Computing At North Mundham Primary School

Our Vision for COMPUTING at our school

We live in a technology dominated world and we understand the importance of equipping our children with the vital skills they need to understand and use this technology. We are also passionate about their safety and understand the increasing demands children face which drives our online safety learning in school.

Computing lessons will focus on the skills of information technology, digital literacy and computer science, based around the Barefoot and Teach computing schemes of work and e-safety lessons using the Education for a Connected world document.



We enrich the curriculum by...

Having strong cross curricular links to other subjects such as Maths, TTRS, and Lifeskills lessons, E-safety.

Careers week and inviting visitors into school and to share the use of different technologies in their jobs and everyday lives such as digital photography and filming.

Raising awareness of online safety during E-safety week held in February.

Developing links with Chichester University for film project. Children in Year 5 create films which are then screened at New Park cinema.

Providing after school clubs run by staff and parents such as coding club and digital leaders

A North Mundham Leaver will..

- Know how to stay safe online and be able to use the Internet in a safe and responsible way. They will also know how to protect personal information and where to seek help when they need to.
- Know about different types of equipment and software, understanding how to use them and selecting the most suitable to match any given task.
- Be able to use the Internet to search for information and understand how to choose reliable sources.
- Be able to use technology ethically, using tools for impact, particularly when using audio and visual devices
- Be digitally literate to enhance future learning and employment opportunities.
- Be able to think logically and creatively to create and debug programs.

Children in our school will learn about..

Computer Science – the understanding of coding and programming across a range of physical devices and digital resources,

Information Technology – the study, use and development of computer systems for storing, processing, retrieving and sending information,

Digital Literacy – the ability to use the internet and technology to find, evaluate, use and create content,

E-safety – the safe and responsible use of technology, including use of the internet, and other electronic media such as mobile phones, games and emails.

All children will have the opportunity to..

use a variety of software, programs and equipment to develop and challenge their learning experiences.

Lessons will enable our children to develop problem solving skills and use critical thinking, applying their learning to real life situations. We also want our children to develop their creativity and build resilience, understanding the role they take in their own and others safety.