

Curriculum Review

Subject Computing

Intent: what we want to achieve

We want our pupils to become digitally literate using various forms of technology across the curriculum. We want our pupils to be able to apply their computing skills across to mathematics, science and design and technology. We want them to understand new digital systems and advance their computational thinking skills. We aim for our children to be equipped for the future work place in a world of technology.

Implementation: how we will achieve this

- We will give children opportunities to use technology throughout the Early Years, KS1 and KS2.
- We will provide them with high quality equipment enabling them to develop computational skills in a variety of contexts through use of laptops and I pads.
- We will use interactive smart boards to engage and motivate pupils to use technology in various ways
- We will provide children opportunities to use the web and editing tools (Microsoft and Purple Mash) to develop computational skills for their future.
- We will continue to seek out the most up to date technologies and apps to engage our children and move their learning forward.
- We will use technology across the curriculum to apply their skills in a variety of contexts.
- We will take opportunities to celebrate children's outcomes in computing through use of online display boards and displaying of work.
- We will use high quality learning packages to guide teachers' pedagogy and teach high quality computing skills.
- We will provide our children with high quality e-safety education across all year groups so they are equipped to explore technology independently, safely and knowing who to talk to if concerned.
- We will use a growth-mind set approach to continue to challenge our pupils to achieve their best

Impact: the intended outcomes of the Computing curriculum

- Pupils will become independent and confident using technology to access computing systems and achieve various tasks.
- Pupils will understand why technology is so important for our future generation and the workplace.
- Pupils will be able to understand and use various digital systems.
- Pupils will know how to use technology safely and respectfully referring to the three C's : conduct, contact and content.