

Children will demonstrate deeper learning throughout The Computing curriculum by applying

- Critical Analysis
- Communication
- Collaboration
- Problem Solving
- Confidence
- Resilience

This will be evidenced through

- Effective oral and written communication
- Organising knowledge and skills and ideas to make connections with other areas of learning and different contexts
- Return to an aspect of learning at a later date and feel confident that previously learnt skills and knowledge can be applied
- Develop critical thinking and problem solving skills.

Examples of Deeper Learning throughout the Computing Curriculum

Develop computational thinking skills

e.g. through tinkering, creating, collaborating with others and developing tenacity

Persevere to recognise errors in coding to then decode and improve programming across a range of programs

Children will show confidence with a range of software

e.g. be adaptive to newly introduced programs by applying previously learned skills i.e. recognising symbols such as crop, undo, file tabs, download etc.

When publishing work, they will be challenged to add a range of multimedia and to alter the design to effectively enhance their presentational features while also being able to explain why they have selected certain colours, fonts etc.

Explaining cause and effect of blocks of code

E.g. predict with increasing accuracy what will happen when a block of code is run. E.g. When clicked, the sprite will...

Confidently talking with accuracy and detail about a block of code

Discuss a finished piece of work and give constructive and critical feedback on their own work and that of their peers.

Interpret and evaluate

e.g. They will demonstrate an independent recognition of skills that are required to meet open-ended challenges showing a capability to self-assess in computing.