

Waterthorpe NI School

At Waterthorpe Nursery Infant School we make the journey for life long learning by all pulling together to:

- Learn and achieve
- Keep safe and happy
- Live healthily and enjoy ourselves

What Computing looks like at Waterthorpe NI School

Mrs Jade Tyzack-Jackson is the Computing leader.



Children in Foundation Stage embed technology through the curriculum and provision.

Children in Year One and Year Two follow the National Curriculum. Throughout school, each year group is taught using cross curricular themes wherever possible.

We hope this booklet shows you how children learn Computing and some of the content that they cover during their time at Waterthorpe.

Key Content of Computing curriculum: EYFS- Development Matters

- Know how to operate simple equipment
- Complete a simple program on a computer or other device
- Use ICT hardware to interact with age-appropriate computer software
- Understand and use technological toys with knobs or pulleys, or real objects such as cameras or mobile phones

Key Stage One:

- Understand what algorithms (procedure or formula for solving a problem) are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Recognise common uses of information technology beyond school
- use technology safely and respectfully, keeping personal information private; identify.
- Know where to go for help and support when they have concerns about content or contact on the internet or other online technologies.

The children will experience
Computing in a variety of forms
and develop skills in

Programming

Computational Thinking

Creativity

Computer Networks

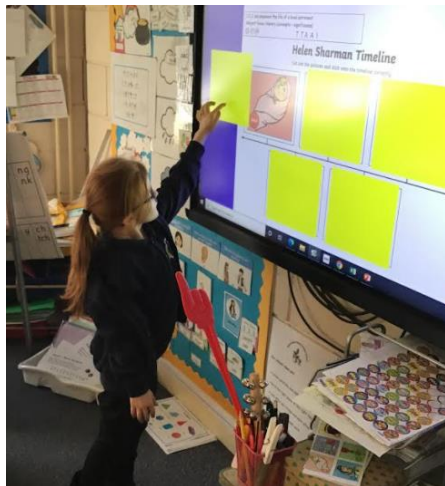
Communication and Collaboration

Productivity

We have a computer suite within
school, which children often
access during lessons.



We engage fully with new technology by providing interactive whiteboards/touch screens in every classroom.



We use a variety of technology throughout the curriculum.



We partake in a Safer Internet Day throughout school to equip children with key knowledge of how to stay safe online.



We support Maths through computing e.g. by engaging with the RM Easimaths program.



How families can help support children's learning in Computing :

- Embracing new technology.
- Support and praise children to be proud of their computing achievements.
- By ensuring that children are supervised, and safe filters are used when accessing anything through the internet.
- Promote an understanding of internet safety.

We would welcome any feedback on this booklet. Please write your comments on a piece of paper, along with your child's name and class, and return them to the school office.

Thank you for your continued support.

A large, empty rectangular box with a thin black border, intended for families to write their feedback on the booklet. It occupies the bottom third of the page.