

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 Helen Haywood is the Computing leader.



Children in Year One and Year Two follow the National Curriculum which is taught through cross curricular themes wherever possible.

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

Key Content of Computing curriculum:

- 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 providing interactive whiteboards/touch screens in every classroom.



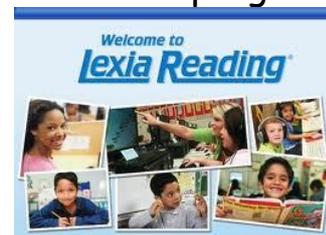
We use a variety of technology throughout the curriculum.



We promote computing within the local community providing computer classes within our computer suite.



We support core subjects through the use of computing e.g. by engaging with the the Lexia Reading program and 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

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.

