



"Inspiring minds to ignite lifelong learning"



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# Maths at Onchan

Onchan  
School Key  
Drivers

## Outdoor Learning

The outdoor environment will be used to support the teaching of Maths at Onchan School.

## Blended Learning

Children have access to mathematical games on iPads both in school and at home.

## Big Question Examples

Is zero needed? What is in infinity? Why do we need negative numbers?

## Intent – What are our aims?

At Onchan School, we recognise that Maths is an important life skill for children and that it is important for us to help children foster a positive attitude towards it. Through a range of creative approaches and activities, we aim to help children master the subject of Maths and to gain a deeper understanding of it. Our aims are for children to have a secure understanding of the four calculations, a solid knowledge of mental maths facts and how they link to areas of Maths and an ability to reason and problem solve both independently and collaboratively.

## Implementation – How are we working towards our aims?

At Onchan School, we teach using the mastery approach following the White Rose small steps that link to the Manx TMU document. Year groups follow the White Rose small steps and produce lesson powerpoints supplemented with ideas from a range of sources to ensure children are presented learning in different ways. Lessons include whole-class teaching, partner work and independent learning and always start with a rapid recall and big question. Lessons include opportunities to reason and problem solve. Children have access to TT Rockstars and 1-minute Maths to help with mental math facts.

## Impact – How do we know when we have achieved our aims?

We see children showing high levels of enthusiasm and engagement in our Maths lessons contributing to whole class discussions. We see confident learners demonstrating the ability to reason and problem solve across the different areas of the Maths curriculum. When analysing our data, we see progress in conceptual understanding, reasoning and problem solving.

Extra  
Opportunities  
at Onchan

Santander Financial Education and Junior Achievement – Trading