



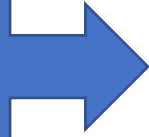
"Inspiring minds to ignite lifelong learning"



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Design and Technology at Onchan

Onchan
School Key
Drivers



Outdoor Learning

Year 5 have the opportunity to attend STEMFEST held at the Villa Marina.
Opportunities for trips to Triumph.

Big Question Examples

Why do we design and create?
How important is evaluating products?
Which part of the design process is most important?

SDGs

5, 9, 12, 16

Intent – What are our aims?

At Onchan School, we aim to build on the fundamental skills which children will need, to enjoy design and technology now and in our rapidly changing world. We would like children to foster an enjoyment for the subject and see what doors it could open, in terms of future job opportunities later in life. We aim for children to develop and build on the following skills during their time at Onchan: imagination, problem solving, wider thinking, collaboration, planning, creating and evaluating.

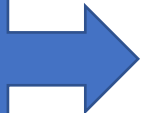
Implementation – How are we working towards our aims?

At Onchan School, in our D&T lessons are structured in the following way: opportunities for current product analysis, time to design and plan, making/creating and evaluation. We follow the Twinkl PlanIt Scheme, which focuses on a progression of skills and includes fun projects with a final product. Children have opportunities to cover three elements of design and technology each year – food technology, textiles and construction. As a school we also invest in Young Engineers, Primary Engineers and Wood 'N' Craft who complete projects throughout the year with the children.

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

At Onchan School, we see high levels of engagement and enjoyment within Design and Technology lessons. Children don't only engage with the 'making' but they see the benefits of the whole process, and are able to evaluate their own and their peers' finished products throughout the year.

Extra
Opportunities
at Onchan



At Onchan School, children are given extra opportunities to develop their Design and Technology skills further, through extra-curricular clubs such as Robotics and STEM club. We have strong links with external agencies like Young Engineers, Primary Engineers and Wood 'N' Craft, who are keen to support the learning of our children.