

Intent

At Oriel Academy, we allow children to explore their creativity, curiosity and imagination. They use this to design and make products in a range of contexts and with a range of materials. Where necessary, the children will use prior knowledge and transfer skills learnt from other subject areas to help them achieve this. Lessons will allow the children to take risks and build resilience within their learning as well as become budding, enthusiastic entrepreneurs for 21st century.

Implementation

- To ensure that there is a clear progression of skills being taught across the school.
- To make D & T cross-curricular and where possible, link to each year group's No Limits Assignments.
- To ensure that the children have the opportunity to go through the process of designing, making and evaluating their final products.
- To ensure that the children have the opportunity to learn about nutrition / key nutrients and healthy eating throughout life.
 - To ensure opportunities are provided for the children to learn about inventors, designers, engineers, chefs and manufacturers who have developed ground-breaking products.

Impact

- Children will have developed creative, technical and practical expertise needed to perform everyday tasks, in an increasingly technological world.
- Children will have built up and be able to apply a repertoire of knowledge, understanding and skills in order to design and make high-quality prototypes and products for a wide range of users.
- Children will have the ability to critique, evaluate and test their ideas and products and the work of others.
- Children will understand and apply the principles of nutrition, healthy diets / lifestyles and learn how to cook a range of foods.
 - Children will have a clear understanding for the need for health and safety in wide range of environments.