

DESIGN AND TECHNOLOGY AT WEST LONDON PRIMARY CLUSTER



Our philosophy for effective teaching and learning in Design and Technology is firmly based on research evidence. It allows pupils to acquire a deep, long-term, secure and adaptable understanding of the subject.

Children follow the carefully structured sequence of **design, make and evaluate** within each Design and Technology day.

The importance of strong **teacher subject knowledge** is key and teachers understand that in Design and Technology this is not static, but always developing.

Each Design and Technology Day has a clear **product outcome** based on one of the 5 areas of the curriculum.

Children **investigate** current products to inform the careful **design and planning** of their own products.

All learners are taught the **same material** and scaffolds are put in place to support children to access the same learning.

EFFECTIVE
LEARNING IN
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Staff always consider the necessary **health and safety requirements** when teaching Design and Technology.

Children will have the opportunity to learn the principles of **food and nutrition** and the basics of **how to cook**.

Children create meaningful products by having a clear **intended user** for each time they **design and make** something.

Children **evaluate** the effectiveness of their products based on the previous **investigative research** they have completed.

By the end of KS2 children will have had the opportunity to design and create products from each of the following areas within the curriculum; **mechanisms and mechanical systems, food, electrical systems, textiles and structures.**