

Design and Technology



Intent

At Willington Primary School, we believe Design and Technology enables children to learn and develop technical skills, as well as being able to evaluate their work and the work of others.

Teaching of Design and Technology follows the cycle of design, make and evaluate. Evaluation is an important part of the design process and allows children to adapt and improve their product, a key life skill.

Design

Make

Evaluate

Our Design and Technology curriculum ensures coverage of the National Curriculum. Our curriculum strives to provide children with skills, experiences and knowledge, which is both progressive and transferable, throughout their time at Willington Primary School, into further education and beyond.

Implementation

The teaching of the Design and Technology curriculum at Willington Primary School, is based on the National Curriculum and, where appropriate, linked to termly topics.

An example of topics covered include:

- Designing a healthy picnic for an explorer.
- Junk modelling of London landmarks.
- Sewing butterflies.
- Using pneumatics to create moving flowers.

Design and Technology units can be seen on termly overviews on class pages.

Design and Technology is usually taught in short blocks as opposed to weekly lessons.

Our Design and Technology ensures the curriculum is covered, and the skills / knowledge taught is progressive from year group to year group; from EYFS to Year 6. This ensures opportunities for children to practice and develop taught skills as they move through the school.

Quality First Teaching strategies are used to support all learners.

Impact

Assessment

The use of discussion during the lesson monitors learning and is used for **Assessment for Learning (AfL)**.

Assessment trackers are completed every lesson to assess children's attainment.

Lesson learning walks, pupil interviews and staff CPD, ensure high expectations across the school for our Design and Technology Curriculum vision.

Monitoring is completed by the DT Leader / SLT to assess the learning completed and to ensure the sequencing of learning.

Pupils work is displayed around school and celebrated on class pages.

SEND

Our SEND and disadvantaged pupils are given the necessary support in class to fully access the Design and Technology curriculum. Learning is adapted, using different resources or adjusting the pace of instruction, to support SEND pupils and to give equal opportunities. Quality first teaching strategies are used to support all learners.