

The Design and Technology Curriculum at Northleaze - Intent

Design and Technology should be a practical, hands on and purposeful experience for all pupils. At Northleaze we recognise that a well-structured Design and Technology programme will inspire children to think creatively, become problem solvers and develop innovative ways of making a final product or project. Children will be exposed to a wide range of media, will develop resilience, work collaboratively with their peers, leading to a place of confidence as they mature.

Our expectations are that pupils will:

- Research, design and make using a variety of materials.
- Choose tools and medium deliberately and with purpose.
- Develop technical and practical expertise with a confidence.
- Become resourceful and innovative and draw on other areas of the curriculum enabling them to build on previous learning and experience.
- Realise that high quality design and technology is important for future developments in sustainability and the well-being of all citizens.
- Be given opportunities to review and evaluate during at the end of a project.
- Learn the basic principles of nutrition and healthy eating; pupils will learn the important life skill of preparing basic meals.

Key features of Design and Technology lessons at Northleaze – Implementation

- Lesson sequences will include: a clear purpose, a planning and design lesson, an introduction or review of the tools and necessary skills needed for the project and a test and evaluation of the final product.
- Autumn, Spring and Summer terms to include Design and Technology projects across Key Stages 1 & 2, often with a link to other Curriculum areas. This will also include Food Technology.
- Design and Technology Curriculum leaders have mapped out the curriculum to ensure progression and coverage. Subject leader to support and to be available to teachers if necessary.
- All teachers will have access to unit plans, individual lesson plans, useful PowerPoints and end of unit assessment documents.
- Careful use of budget to resource Design and technology across Key Stage 1 & 2.
- Make Design and Technology resources accessible to all staff and improve the availability of tools and kit that enable and facilitate teachers to support children with all projects.

Professional development for all staff:

The planning, implementation and resourcing of D/T lessons can be a daunting prospect. However the termly lesson plans provide structure and a clear lesson-by-lesson break plan, including resourcing and evaluation. The Design and Technology lead/s has an open approach of support teachers if needed. Design and Technology curriculum lead/s will attend Network Meetings. Key information from these are then passed down to all staff during Professional Learning Time. Subject link Governors meet with the DT leads to ensure the Governing body is aware of Design and Technology curriculum and teaching at Northleaze.