

Netherfield Infant and Nursery School
Design and Technology

Aims

for children to:

- develop, plan and communicate ideas
- work with tools, equipment, materials and components to make quality products.
- evaluate processes and products
- develop a knowledge and understanding of materials and components
- become aware of the influence and importance of technology in their daily lives.
- work in an imaginative, exploratory and reflective way.

Objectives

Children will be taught to:

- Generate ideas, develop and talk about them through their own and other people's experiences.
- develop ideas by planning and communicate them using a variety of methods
- select the appropriate tools, techniques and materials.
- measure, mark out, cuts, shapes, assemble, join and combine materials and components.
- consider the final appearance of products.
- follow safe, hygienic procedures.
- talk about ideas, express opinions and identify improvements to procedures and products.

Children will be taught about:

- the working characteristics and features of different materials.
- how mechanisms can be used in different ways.

Children will:

- investigate and evaluate a range of familiar products
- be involved in focused, practical tasks that develop a range of techniques, skills, processes and knowledge
- design and make products.

	Cycle 1	Cycle 2
Autumn Term	How do you like your Toast?	Puppets
Spring Term	How will your roly poly Move?	Moving Pictures
Summer Term	Homes	Winding up

D & T and small world resources

Design & technology video & accompanying Notes

Lego

Polydrons

Wooden Brio

Meccano

Peggy-stars?

Rods and Wheels

Geometric construction

Straws

Mobile

Bendy Sticks

Playmobile people

Lever Sticks

Technology Equipment and Resources - standard equipment in all classes

Glue - PVA, Pritt Sticks, Pentel Roller-glue

Glue Spreaders.

Scissors - Right and Left Handed

Hole Punch

Stapler

Sellotape and Dispenser

Pencils

Pencil Crayons

Wax Crayons

Felt-Tip Pens-fine and broad tipped.