

## Useful Links

### Topmarks

<https://www.topmarks.co.uk/Search.aspx?Subject=7>

Please have a look through the website to find activities suitable for the age of your child.

## Terminology

**Axels** - The bar that joins together two wheels allowing it to turn/move.

**Levers** - The part of a machine/product that supports you to lift a heavy object. e.g. see-saw

**Sliders** - A tool to make pictures, parts move. e.g. a stick to make the character of a book pop out.

**Components** - The different parts of a design. e.g. The body

## At Home

There are lots of opportunities for exploring Design Technology at home;

- Use junk modelling to build different vehicles and products/ objects (these can be based on your child's interests) e.g.- boat, rocket, lollypop man sign, binoculars.
- Use glue, tape, split pins to combine different materials together.
- Can you design a model and then make it?
- Can you use construction kits such as lego kits and knex?

## Contact

If you have any questions regarding the teaching of Design and Technology, please do not hesitate to speak to your child's class teacher or contact:

**Mrs Swales, Miss Rawding and Miss Burwell**

**DT Curriculum Team**



**Royd Nursery  
Infant School**

## Design & Technology

An Information  
Booklet for Parents  
and Carers



Learning, caring and sharing together



## Design & Technology

Design and Technology is taught at Royd through practical lessons and experiences.

At Royd we teach through a topic based approach. Across the year children are provided with opportunities to use different products and then design and build their own pieces.

Design and Technology supports children to develop their fine motor skills through joining different materials. It enables children to develop their understanding and knowledge in how different products fit together and then work.



## The Foundation Stage

The Foundation Stage investigate Design and Technology through continuous provision and child-led learning through the goal of 'Expressive Arts and Design'.

Within this area children focus on making models and constructions using a various range of materials. We use construction kits such as lego, duplo and stickle bricks.

Children are encouraged to talk about their models and the different ways they have put these together. This approach supports the children to develop fine motor skills as well as speaking and listening skills.

Through adult led learning children discuss and share their knowledge on different food and focus on healthy and unhealthy foods.

We look at manipulating and joining different materials to create a new model.

## Key Stage One

Key Stage One follows the National Curriculum and in Royd we teach through a topic focused approach. We cover various aspects within designing, building, evaluating, using products and understanding how products work.

The over arching principles we follow when working in Design and technology are;

Design, Build and Evaluate.

Through practical lessons children have the chance to use different products and test how they work. This then leads into designing and building their very own models.

In addition, children look at weighing and measuring food items and have enjoyed making Angel Delight this year.

