

Design Technology

Year 1

Through DT lessons linked closely to topics the children learn to:

- Talk about their ideas and what they are going to make.
- Show their ideas through drawings.
- Use tools and materials safely.
- Join materials using a variety of temporary methods
- Children enjoy designing and making a pirate ship as part of their topic 'What an Adventure!'

Year 2

Through DT lessons linked closely to topics the children learn to:

- Plan what they are going to make using some given criteria.
- Measure, cut out and shape materials.
- Combine a range of materials to make a product.
- Use basic sewing techniques.
- Children enjoy designing and making a minibeast trap as part of their topic 'Animal Discovery'.

Year 3

Through DT lessons linked closely to topics the children learn to:

- Explore how to use materials using different processes.
- Name and describe the techniques they have used.
- Plan and order what to do.
- Suggest improvements for products they have made.
- Children enjoy making cushions as part of their topic 'Rainbow Fabric'.

Year 4

Through DT lessons linked closely to topics the children learn to:

- Make realistic plans for the products they want to make.
- Join materials using temporary and permanent methods.
- Cut and join materials accurately.
- Evaluate their product using the original design criteria.
- Children enjoy making their own chocolate bars as part of the topic 'Chocolate'.

Year 5

Through DT lessons linked closely to topics the children learn to:

- Suggest alternative ways of making their products.
- Consider the needs of the audience when designing a product.
- Use finishing techniques to improve the quality and finish of their products.
- Carry out appropriate tests before making any improvements.
- Children enjoy designing and making musical instruments as part of the topic 'Shake, Rattle and Roll'.

Year 6

Through DT lessons linked closely to topics the children learn to:

- Develop, explain and record their ideas clearly.
- Select appropriate tools and techniques.
- Measure, cut out, shape and join materials with precision.
- Check their work as it develops, making modifications if necessary.
- Children enjoy making model homes as part of the topic 'Who lives in a house like this?'