

A Spotlight on Design and Technology at Raddlebarn



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Hello and welcome to our latest newsletter about Design and Technology at Raddlebarn. In this issue you will find out about some of the fantastic Design and Technology that has been going on in school. If you have any questions please feel free to get in touch.

Mrs. Murray

Design and Technology is an inspiring and practical subject, requiring creativity, resourcefulness, and imagination. Pupils at Raddlebarn are involved in the whole process, designing, making and evaluating. This begins in the Early Year Foundation Stage where D&T skills are part of Expressive Arts and Design.

National Curriculum. We aim to ensure that all pupils

- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- design and make high-quality prototypes and products for a wide range of users.
- will learn how to cook and apply the principles of nutrition.
- will have the opportunity to critique, evaluate and test their ideas and products and the work of others.

Vocabulary

This year, we have been focusing on teaching D&T vocabulary to each year group. Some vocabulary will be used year after year for example, Design Brief and Design Criteria. Some vocabulary will be relevant to a particular topic or age group, for example, an exploded diagram and cross sectional diagram.

Each D&T topic now begins by teaching the vocabulary and these words are referred to throughout the unit of work to ensure children have a deeper understanding of what they are learning. This has really helped the children to be able to talk about their work and link what they learnt in previous D&T topics and in other curriculum areas.

D&T work is in your child's Topic Book and will have the vocabulary lists at the start.

Bake Off 2024

The theme this year is the Summer Olympics.

The Raddlebarn Junior Bake Off will take place on Friday 17th May. The Year 3, 4, 5 and 6 selected chefs will cook a 2 course meal during the day which will be judged and then a winner announced! This event has taken place for a number of years now and all the children in school have the opportunity to watch the chefs in action and vote for their favourite.

In Nursery, Reception, Year 1 and Year 2 all children take part in a cooking/baking activity in the classroom during the week of May 20th - Baking Week. The items we make will be for sale after school on Thursday 23rd May during our International Evening.

2023 - 2024 D&T so far this year!

Year 2 have designed and made a book with moveable parts where they learnt all about different mechanisms and had the opportunity to make a prototype before deciding on their final design.

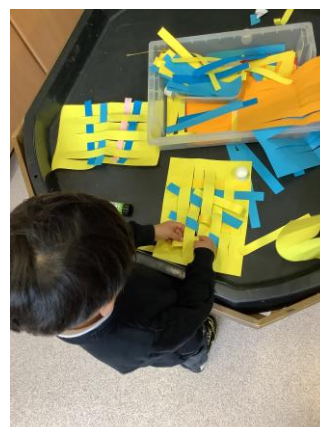
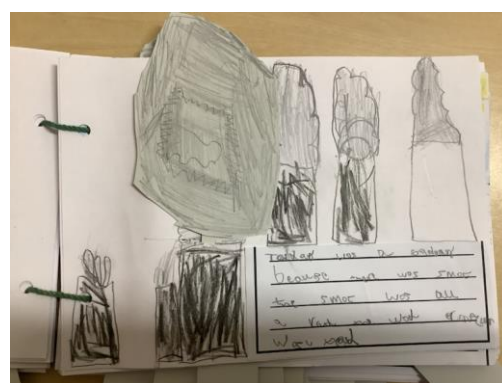
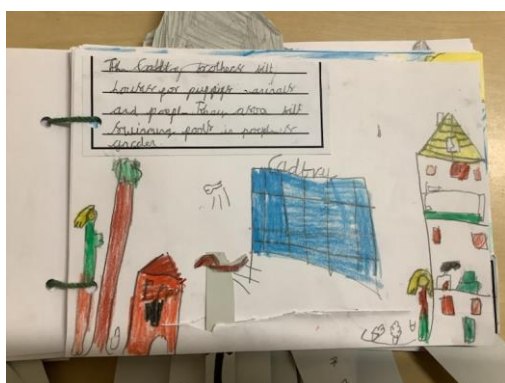
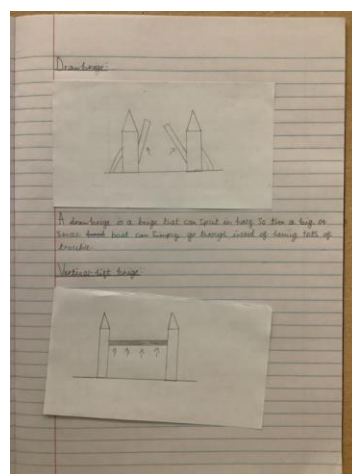
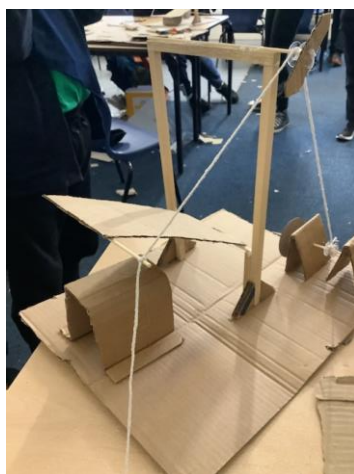
Year 1 have made coleslaw and been learning about where some food comes. They also learnt about the different ways to use equipment safely.

Year 6 used their Science knowledge to make a game using a circuit. These were fantastic and the children were able to select which electrical components their game had as well as the design and aims of the game.

Year 5 have designed and made a bridge that moves using mechanisms. They have had the opportunity to make this from wood and cardboard.

Nursery have designing and making on a large and small scale.

Reception have been learning how Tartan fabric is made by weaving on a loom and then weaving using paper to create patterns.



2023 - 2024 still to come ...

Year 1 will be learning about strengthening and stiffening materials during a project on Bridges

Year 3 will have a topic on 'Cooking and Nutrition' where they learn about food groups, healthy eating and they design and make a healthy meal.

Year 4 will be learning about structures during their project on buildings.

Year 6 will be exploring textiles.