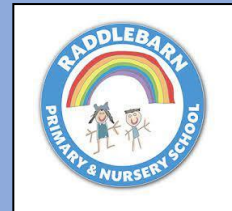


# RADDLEBARN CURRICULUM NEWSLETTER

## Design and Technology



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.

The children have really enjoyed their Design and Technology lessons. You can read more in the Pupil Voice section.

If you have any questions please feel free to get in touch.

Mrs Murray

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Design and Technology is an inspiring and practical subject, requiring creativity, resourcefulness, and imagination. People often think it's just about making things but children at Raddlebarn are involved in the whole process, designing, making and evaluating. This begins in the Early Year Foundation Stage where children have the opportunity to explore materials and build on a large and small scale.

**National Curriculum.** We aim to ensure that all pupils

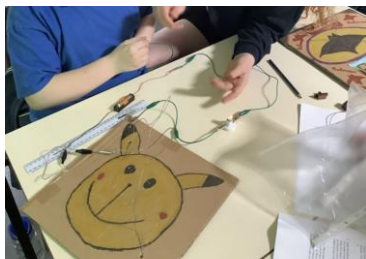
- develop the creative, technical and practical expertise needed to perform everyday tasks confidently and to participate successfully in an increasingly technological world.
- design and make high-quality prototypes and products for a wide range of users.
- will learn how to cook and apply the principles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

### 2021- 2022

Some of the D&T projects this year include; Year 1 making a healthy meal, Y5 making a moveable bridge, Year 6 making a machine using electrical circuits and Year 4 finding out about buildings and architecture.

Next half term Year 2 will be designing and making a pencil case and the Year 3 topic for the half term is Cooking and Nutrition.





## Links to Science

Some of the D&T work in school has been linked with the Science topics and classes have carried out a STEAM project.

## Science

## Technology

## Engineering

## Arts

## Maths

Year 5 designed and made a Moon Buggy and Year 1 made a wheeled vehicle with wheels that move. All of the STEAM subjects were incorporated into the projects!

## Pupil voice about D&T at Raddlebarn

"We could choose what sort of vehicle to make"

"I liked we could decorate it however we liked"

"We practised with the wheels. We could change how our wheels went on the split pins did not work on my bottle"

"You got discover things like how the car can move"

"I learnt how to put wheels on by pushing the straw through"

"I liked the time we had to plan. You could be creative and do it how you wanted to"

"It's fun, one of my best lessons"

"We got to look at all the different materials. It's a good job we made it with paper first to check the size"

"You can be creative and make things"

"You can make useful things you need"

## Bake Off 2022

Bake Off this year started in April with EYFS and KS1 cooking a range of delicious biscuits and cakes. The children loved this experience, it was new to them to be cooking in the classroom. The tasty treats were then on sale after school and we sold out very quickly. Thank you everyone!

In May, KS2 had their Bake Off on the playground with a Commonwealth Games theme. Each year group had 3 finalists all competing for the title using their skills of measuring, chopping, mixing, blending and cooking.

They all did so well and rose to the challenge of making banana bread because bananas are the main export for Trinidad and Tobago and an Ibis Scarlet Ibis Zinger, a popular drink in Trinidad.

Congratulations to the winners Sienna in Y3 and Sandaru in Year 6.