



Focus on DT



Intent: Enjoy - Enquire - Excel

We aim to:

- Develop a love and enjoyment of DT.*
- Build knowledge through a broad, rich curriculum, with a skills-based focus that values practical opportunities and encourages the children to enquire and develop specific skills.*
- Encourage children to be reflective thinkers who can solve problems and who can evaluate their own and other's work and suggest improvements.*
- Offer high quality teaching with high expectations for all.*
- Relate DT to everyday life through exploring existing products and creating products for a specific purpose - where possible, relating these to class topics. We aim to maximise opportunities for DT in our environment (inside and out).*
- Offer opportunities for children to cook and use textiles throughout their time at Glenfall.*
- Encourage children to be innovative, creative thinkers who develop their skills and confidence in DT.*
- We give children a firm foundation on which they can build at secondary school*
- Offer visits and visitors to further champion the subject and develop wider interests.*

National Curriculum

- *Design*
- *Make*
- *Evaluate*
- *Technical knowledge*



Implementation: How?

- *DT is taught explicitly, although may make relevant links with the creative curriculum.*
- *In the infants, the topics are planned to be year specific, whereas juniors follow a 2 year rolling programme.*
- *All classes have timetabled DT lessons for each topic. These are evidenced on each year group's medium-term plans.*
- *Our curriculum is based on our values: Enjoy - Enquire - Excel*
- *We teach a clear progression of skills.*

Learn how to make healthy food choices.

Make a cake by weighing an egg

Thread small beads.

EYFS

Children will be helping to design the playground this year!

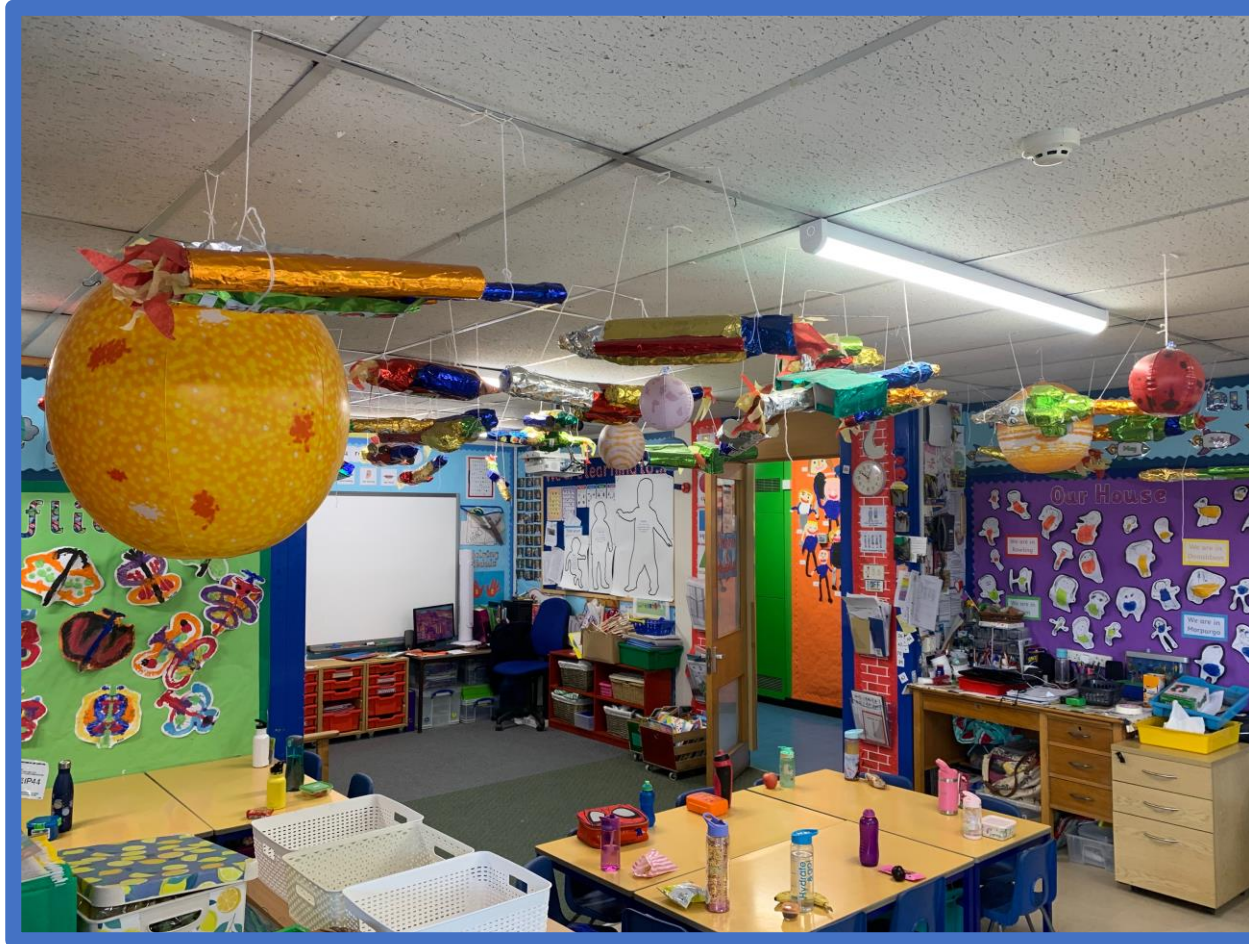
Early learning goal:

Safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function

Design and make rockets

Cut and try different fruits

Thread puppets and perform a show



Early learning goal:

Share their creations, explaining the process they have used.

Early learning goal:

Use a range of small tools, including scissors, paint brushes and cutlery

DT is taught through continuous provision and then focussed projects.

Year 1

Year A

- Pop up Christmas cards
- Moving lever images
- Cooking - making chapatis and sandwiches.
- Name fruit and vegetables and know how to determine if something is a fruit.

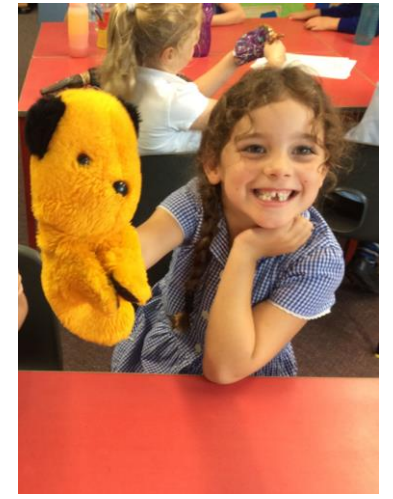
Year B

- Pop up Christmas cards
- Moving vehicles
- Cooking - making chapatis and sandwiches.
- Name fruit and vegetables and know how to determine if something is a fruit.

Year 2

Year A

- Sewing hand puppets
- Make a Tudor/Stuart house with a working door
(build structures, exploring how they can be made stronger, stiffer and more stable)
- Cooking - fruit kebabs and smoothies.
- Name foods that grow on trees and those which grow below ground.



Year B

- Sewing hand puppets
- Make a Tudor/Stuart house with a working door
(build structures, exploring how they can be made stronger, stiffer and more stable)
- Cooking - fruit kebabs and smoothies.
- Name foods that grow on trees and those which grow below ground



Year 3 and 4

Year A

- *Christmas cards - making levers for a moving robin*
- *Design and make a robot with light up eyes and a spinning bow tie*
- *CAD*
- *Design and make a healthy fruit bread*



Year B

- *Design and make a light up house*
- *Structure - Greek temples out of newspaper (build structures, exploring how they can be made stronger, stiffer and more stable)*
- *Cook Ancient Greek pancakes*

Y3 - Understand what constitutes a healthy, varied diet (Eat well plate and Rainbow food).

Y4 - Learn about some foods which are grown in different seasons in the UK.



Y3 Enterprise Week

BADGES

These stylish badges has the most colourful backgrounds, it gives you fun! Do you want to show off amazing badges like these ones? They even have cool stickers on them.

Is it your birthday? Because you can get a special birthday badge here made just for you! Don't worry if it is too expensive, because it's only for 50p and some are 40p.

A special offer as well! A decorated galaxy badge, all different colours.

Buy two badges and you can get one free!

It is after school on Friday at Glenfall Primary School.

FANTASTIC FLAMES

Do you want some light in your house; well you have come to the right place to get these amazing candles. In the front of Glenfall School these extraordinary candles will be selling fast, so do not miss out! They will be selling for 50p each!

These candles are placed in a small jar decorated with super star stickers. This amazing deal will bring these candles to life, 2 for 80p!

The Fantastic Friendship Bracelets!

Do you want your friends to how much you admire them? Then buy these fabulous friendship bracelets all the cool kids have them and your missing out on life.

They come awesome origami boxes. We have an amazing offer, friendship bracelets and an origami box all for 50p, 2 for £1!

Squish Buds

This amazing stress reliever gets rid of all your stress. Do you feel stress after school? If yes, try the squish buds! They will help you calm down and feel relaxed.

You can take this buddy with you anywhere you want to go; they will even fit into your pocket!

We have an amazing offer, 50p ONLY!

They can make you much happier when you squish them!!!!!!!
Yay, you need to buy one now before they all go!

Year 5/6



Year A

- *Make complex structures (understand how to strengthen, stiffen and reinforce) - bridge across the Nile (Y5)*
- *Make an Egyptian shaduf (Y6)*
- *Design and make picture frames for Mothers' Day*
- *Cooking - savoury dishes (Y5)*
- *Computer aided design (TinkerCad)*

Year B

- *Make a cake using a rationing recipe*
- *Design and make air raid shelters*
- *Make do and mend sewing using a range of stitches.*
- *Make a controllable space vehicle*

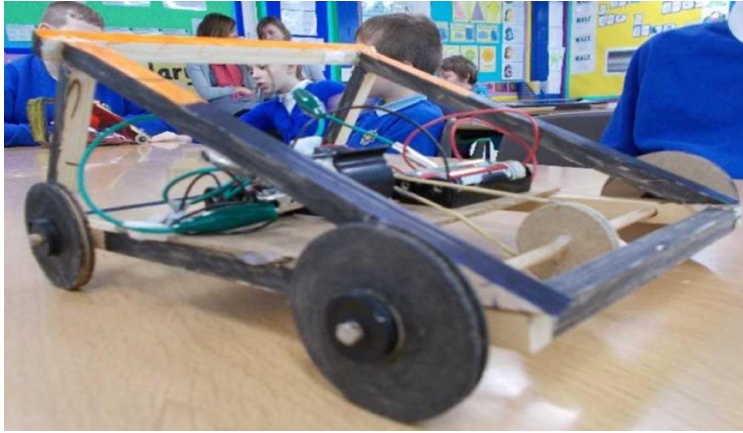


Y5 - Know that climate affects food growth and explore foods grown in different parts of the world.

Y6 - Discuss where and how a variety of ingredients are grown, reared, caught and processed in common dishes.



We follow the design, make, evaluate cycle. Work is kept in topic books.



Moon buggies

Here is our moon buggy



Things that we had to change from our plan or problems that we had to overcome were

that my team didn't have a battery pretty much the whole time but we overcame that. We had to change the pulleys then the battery.

Skills that I have learnt or developed are

I have learnt how to use a screw driver and also how to use circuits.

Skills that I want to continue to develop next time are

I want to carry on learning more about circuits and how they work.

We worked well as a team by

letting each other have a go and we listened to each other. We all worked really well as a group and I enjoyed doing it with them. It was very fun.

Things that went well with our moon buggy were:

that we managed to get the buggy to work. Also I think my team did the decoration very well. It got quite difficult for my group because we were a bit behind but we managed to pull it all together.

Our design could've been improved by

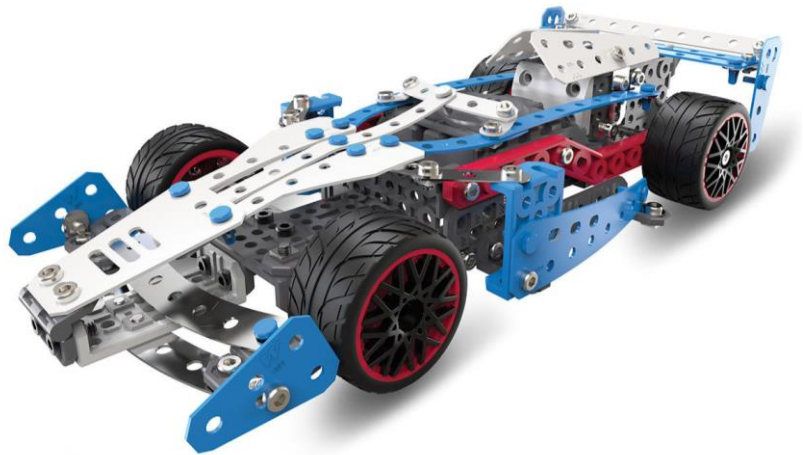
making our wheels a bit in a better position so it could move on the ground. Also we didn't have time to complete some complete it.



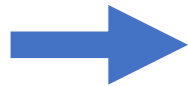
Progression

We ensure progression throughout the school. Children consolidate their skills and build on prior knowledge whilst introducing new skills and challenge. For example, Y1 and Y5/6 make a moveable vehicle:

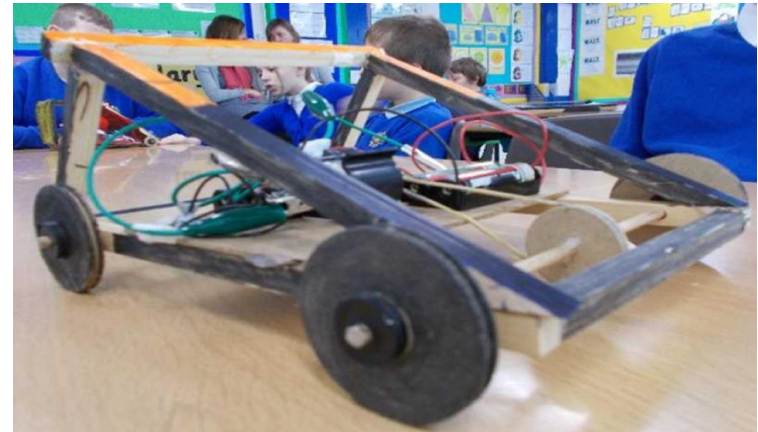
Y1



Use Meccano construction kits



Y5/6



*Powered by electricity
Use of equipment such as saws and glue guns to build.*

Cooking and nutrition



For 1 week Only... Year 6 Takeover

Menu written by Year 6

Year 6 will help cook and serve this menu

Monday	Tuesday	Wednesday	Thursday	Friday
All Day Breakfast	Beef Taco	Chicken Tikka	Meatballs and Pasta	Chicken Burger in a Bun
Vegetarian All Day Breakfast	Quorn Taco	Vegetable Curry	Macaroni Cheese	Spicy Beanburger in a Bun
Soup and Baguette	Cheese and Tomato Pizza	Soup and Baguette	Filled Jacket	Soup and Baguette
Hash Browns, Beans or Spaghetti	Curly fries and Salad	Rice, Mixed Vegetables and Flat Bread	Salad and Garlic Bread	Chips, Pasta, Peas and Beans
Chocolate Doughnut	Jelly	Sticky Toffee Pudding and Custard	Flapjack	Ice Cream Cone



Children have opportunities to cook in each year group.

Each year, the whole school performs a Harvest assembly to parents and during this time, teachers plan and deliver lessons for children to understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed. We grow our own vegetables which children help to look after.

A group of pupil premium children are invited to attend an after school cooking club where they also visit the local allotment.



Enrichment opportunities

Enjoy, enquire, excel



Spirax Sarco



Science Festival



*Tudor
Tewkesbury Trip
Wattle and daub making*

Home learning

Children are encouraged to use DT at home through home learning tasks. Children share their designs with their class. This is a great way to encourage parental involvement with DT. We also have baking competitions to raise money for charity!





Resources



We are well resourced for all areas of DT.

Construction

EYFS make use of lots of construction resources such as Duplo, Lego, K'nex, Mecanno, wooden blocks, stickle bricks, nuts and bolts, and construction kits. Other construction resources in the school include marble runs, polydron, wood strips, artstraws, Mod Roc and materials to make pulleys and levers such as mixed sized wheels and wooden dowel

Textiles

We have Binca squares, felt and other fabrics, needles and different coloured threads, embroidery cotton and decoration for textile projects.



Cooking and Nutrition

We have portable hobs, multi-cookers, weighing scales and cooking equipment.

Other equipment includes electrical resources (wires, lamps, batteries, motors and buzzers), modelling clay and clay modelling tools,

We have tools such as glue guns, G clamps and hacksaws which children are taught to use safely in upper KS2. Children have goggles for safety.

IMPACT - evidence

At Glenfall, we have enquiring, motivated, resilient learners, who speak of their love of DT with enthusiasm, the majority of which reach ARE.

DT lessons are fun and packed with practical opportunities.

Expert visits and visitors inspire children's DT.



- *Follow the MER cycle*
- *Pupil conferencing*
- *Staff questionnaire*
- *Lesson observations*
- *Photos of work*
- *Classroom displays (when in topic)*

DT comments - pupil questionnaire 2022

"I like starting to put things together after you've designed it so that it becomes an actual thing."

"It brings out my creativity and I can express myself."

"You can normally do it in a group/partner and work together to make something cool!"

"I like how creative it is!"