

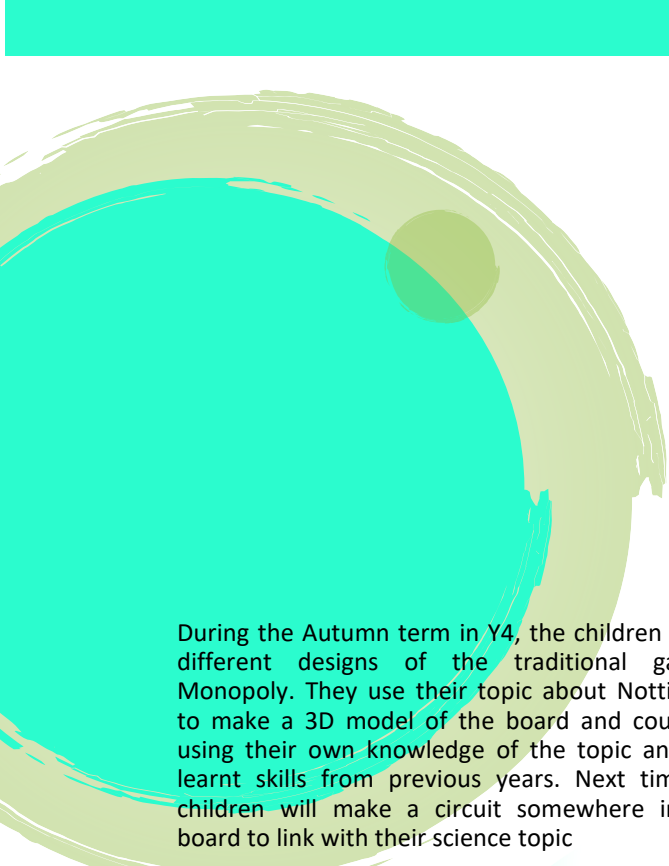


2021-22 D.T Review

In Y1 this year we have aimed to develop a variety of manipulative skills when producing different products. We researched existing products and design and made and evaluated our own products. The children have looked at sewing to make Christmas cards, designed and prepared a British yogurt and created a moving picture in the form of a medieval castle.

In Reception, we have explored a wide variety of creative skills and materials this year; paint, glue, sewing, oil pastels, chalk, clay, fabric and woodwork are almost always available for children to access independently. Our fine motor skills have been developed in our continuous provision, and in our regular dough, sewing and small focused activities. Throughout the year our construction area presents us with progressively more tricky challenges. We use large blocks, mobilo and lego to achieve our design goals. We also designed and renovated our outdoor play area, and built hedgehog homes. We also baked bread, gingerbread, sampled jacket potatoes and learned how to make sandwiches.

In Year 2, the children have had great fun researching, designing, creating and evaluating in our DT projects this year. The children had to create a personal and individual 3D Odd Dog to go with our English unit – Odd Dog Out by Rob Biddulph. The children really wowed us with their ideas and creativity when asked to design and build a curved building in the style of Zaha Hadid, which we then presented to family in our virtual exhibition. Finally, for our cooking element of DT, the children very much enjoyed researching, designing, cooking, tasting and evaluating their own individual pizzas.



During the Autumn term in Y4, the children look at different designs of the traditional game - Monopoly. They use their topic about Nottingham to make a 3D model of the board and counters - using their own knowledge of the topic and their learnt skills from previous years. Next time, the children will make a circuit somewhere in their board to link with their science topic

As part of our plastic pollution topic, the children have improved their hand sewing techniques by making sea creatures. As part of our India project, Year 4 are in the process of exploring tie and dye, producing a batik wall hanging.

In Y3, we begin the year, as part of our Time Travellers topic, making our very own Roman catapults. The pupils begin the unit by exploring different catapult designs. We have fun building a mock up and adapting elements to influence our designs. Once our designs are complete and the catapults built, we have a battle between the two classes!

In Spring, we take the time to research, design and cook flatbreads inspired by our captivating existing products and market research. The pupils took their final product home to share with family.


At the end of the Summer term, we spend time researching, designing and building structures inspired by the Eiffel Tower. Their designs reflect their discoveries from our focused tasks. The pupils get to show off their creations with a spectacular and intense 'Earthquake test!'

During the Autumn term in Year 6, we explore recipes for a range of special occasions. We then create our own savoury bites, in preparation for our Christmas party.

As part of our Save the Bees topic, we design and make 'bee hotels' using wood. Children work collaboratively to measure, mark out and cut wood using junior hack saws,

In the Summer term, Y6 children are given the opportunity to design and make their own periscope. This involves a series of challenges, from measuring and cutting accurately, to finding effective ways of combining materials. Children are encouraged to evaluate their completed product – suggesting ways of improving their work even further.

In Y5, in the autumn term, we created photo frames. For this we used a variety of skills, such as: accurately measuring length, sawing and digital skills in the form of green screen photography. As part of our DT learning, we have researched, planned, designed and created a healthy pasta dish. Children studied the basis of healthy dishes and seasonality of food and learnt how to safely use various kitchen utensils. We have also used textile skills to create a giftbag, using a range of fabrics and stitch types, after researching a wide variety of suitable pieces.





W.W.W

- Every year group completed a variety of DT projects.
- All classes show evidence of final outcomes through sharing of photos etc.
- Coverage of a range of skills across school including textiles, sculpture and food.

E.B.I

- All classes need to show strong evidence of planning stage: some unclear.
- Increased use of digital skills in planning phase would show strong links.
- Some units don't allow for enough variety: Textiles in year 2, some circuits in year 5 or 6 would enhance science links.

Action Plan:

- Meet DT team to evaluate units which could change
 - Assess and monitor use of digital skills in planning phase: Share good example of the digital workbooks from Y5.
 - Discuss units of work with Year Groups to amend some units to include more skills, e.g. add textiles unit to year 2 or circuits to year 5/6.
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