



2020-21 D.T Review

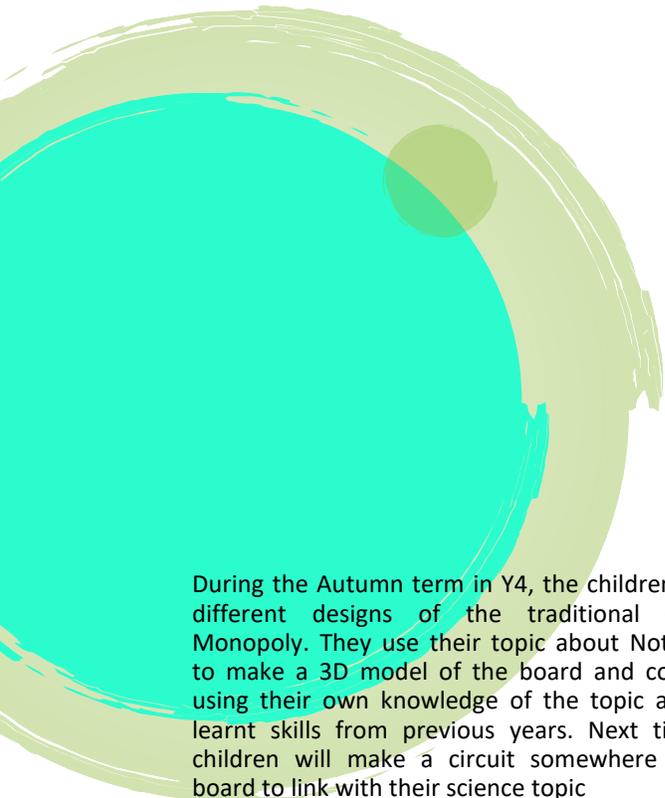
In Y1 this year we have aimed to develop a variety of manipulative skills when producing different products. We researched existing products and design and made and evaluated our own products. The children have looked at sewing to make Christmas cards, designed and prepared a British yogurt and created 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 Y2, 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 and finally, for our cooking element of DT, the children have enjoyed making an individual Victoria Sponge cake linked to our unit on The Victorians.





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 catapults 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 bake healthy cupcakes inspired by our captivating African elephant project. The pupils will bake the cupcakes with a charity sale as the final outcome, all proceeds made from the sale will be send to a charity of their choosing. (This didn't happen due to Lockdown)

At the end of the Summer term, we spend time researching, designing and building African inspired shadow puppets. Their designs reflect their animal descriptions from our English unit on African Fables. The pupils get to show off their creations with a spectacular puppet show. (This didn't happen due to bubble closure at the end of the Summer term.)

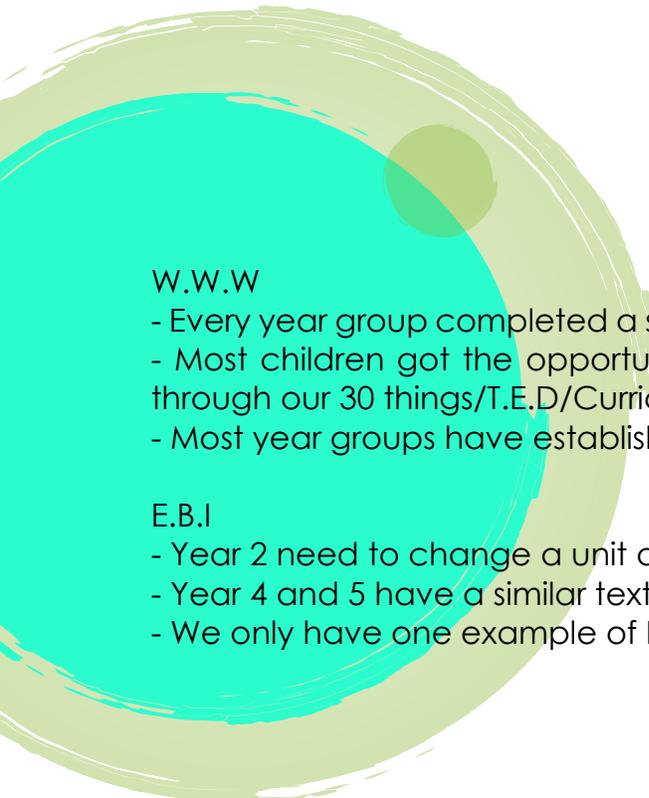
In the Autumn term, we explore recipes for a range of special occasions. We then create our own savoury bites, in preparation for our Christmas party. Due to Covid, this wasn't completed.

As part of our Save the Bees topic, we design and make 'bee hotels'. Due to Covid, this wasn't completed this year.

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 DT, we have researched and designed a healthy pasta dish. We sowed seeds for our own vegetables. We tasted different vegetables and sauces, to help us plan our design before using our practical cooking skills. The above was planned for Summer 2 & dependent on the Covid situation.





W.W.W

- Every year group completed a strong DT objectives through our STEAM week projects.
- Most children got the opportunity to build on their cooking skills, during lockdown, through our 30 things/T.E.D/Curriculum choice boards.
- Most year groups have established new projects linking to our theme led curriculum.

E.B.I

- Year 2 need to change a unit as they currently have two linked to structures
 - Year 4 and 5 have a similar textiles unit – how do they differ?
 - We only have one example of Electrical systems – can we alter anything?
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