

Curriculum Story for Design & Technology

2023/24

Vision

Design and Technology is an inspiring, rigorous and practical subject. We would like our pupils to use creativity and imagination to design and make products that solve problems, within a variety of contexts, considering their own and others' needs and wants.



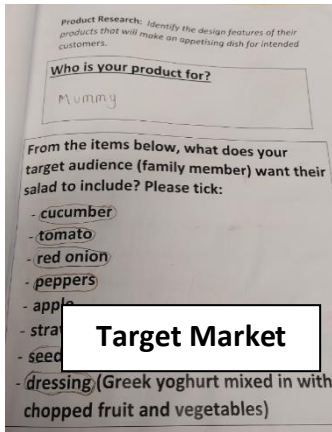
Design & Technology Whole School Overview

Year group	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
1		Materials: Maasai Necklaces		Materials: Paper Planes Materials & Mechanisms: Moving Pictures		Cooking & Nutrition: Healthy Eating Week
2				Textiles: Easter Cards		Cooking & Nutrition: Healthy Eating Week Materials & Structures: Moving Vehicles
3				Cooking & Nutrition: Great Bread Bake-Off!		Cooking & Nutrition: Healthy Eating Week Mechanical Systems: Mechanical Posters
4			Cooking & Nutrition: Chocolate Bar Materials: Chocolate Bar Wrapper			Cooking & Nutrition: Healthy Eating Week Textiles: Greek Coin Purses
5	Materials, Textiles & Structures: Viking Longships				Mechanical Systems: Automata Moving Toy	Cooking & Nutrition: Healthy Eating Week
6	Materials & Structures: WW2 Victory Gardens				Electrical Systems & Programming: Wire Loop Game	Cooking & Nutrition: Healthy Eating Week

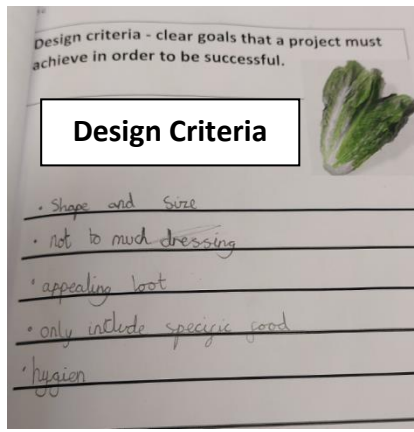
Design and Technology Action Plan 2023-2024					
Ref:	Target	Lead	Action Points	Target Date	Evidence
1	Ensure we are covering the full curriculum as a school, with clear progression, with teachers confident in delivering this.	AR (All Staff)	<p>Progression document created</p> <p>Speak to each class teacher before teaching their DT unit to support with planning – ensuring they are aware of skills needed to be taught in the progression document – continue to support teachers less confident with the teaching of DT and provide more training next year. Share good examples and give time to plan 6 week project in training time.</p> <p>All teachers to teach at least x2 DT projects a year and take part in Healthy Eating Week</p> <p>DT lead to ensure all teachers understand the DT National curriculum</p> <p>DT expectation document created</p> <p>Termly folder look and learning walk – many DT projects are in summer 2 so difficult to monitor until the very end of the academic year. Ask class teachers to keep one folder behind for subject lead to see strengths and provide further support if needed</p>	<p>Autumn 1</p> <p>Termly</p> <p>Ongoing</p> <p>Autumn 2 staff meeting</p> <p>Autumn 1</p> <p>Termly</p>	<p>Lessons across the school show pupils are learning the skills set-out in the national curriculum and on the progression document</p> <p>Healthy Schools Week in June carried out fulfilling this part of the NC. Folders show x3 units of work being taught across the year.</p> <p>Learning walks and folders will show DT expectations being followed.</p>
2	Ensure the school is adequately resourced in order to deliver the full curriculum	AR (All Staff)	<p>Staff to be asked at the beginning of the year what resources they would like/need to have ordered</p> <p>DT lead to order all necessary resources and tools needed to teach for the year!</p> <p>Cooking and Nutrition equipment ordered</p> <p>Reception teacher to create a 'wish list' for EYFS with tools/games to promote the teaching of Design & Technology – chase this up and ensure items are ordered next year.</p>	<p>Autumn 1</p> <p>Yearly</p> <p>Autumn 2</p>	<p>Lessons will be adequately resourced – speak to class teachers about certain projects where ordering higher quality resources may</p>

RAG rated action plan with targets and suggestions for the next academic year (yellow and red)

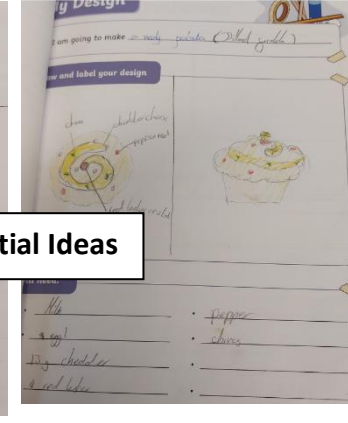
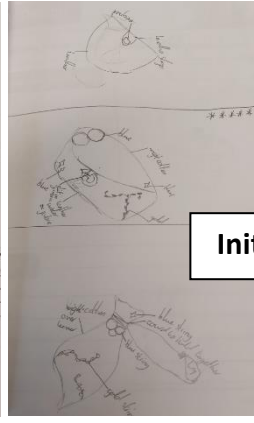
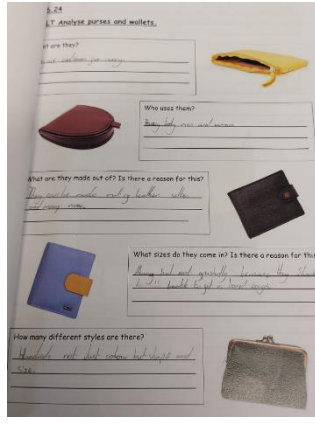
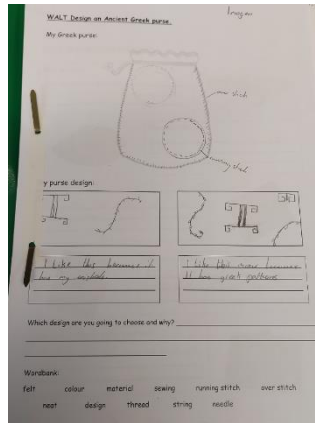
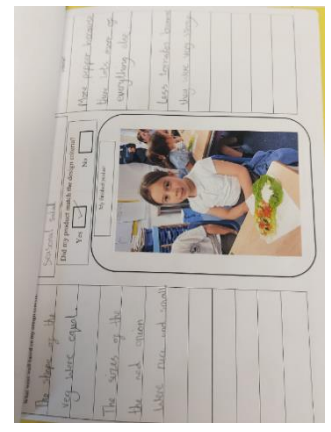
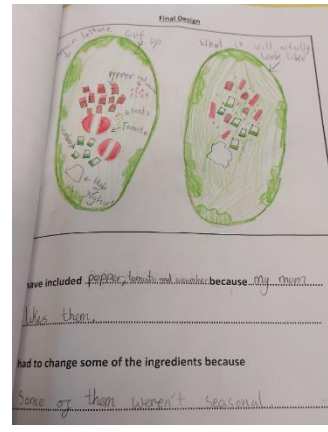
DT folders established with units of work covering all of the progression statements (design, make, build and evaluate).



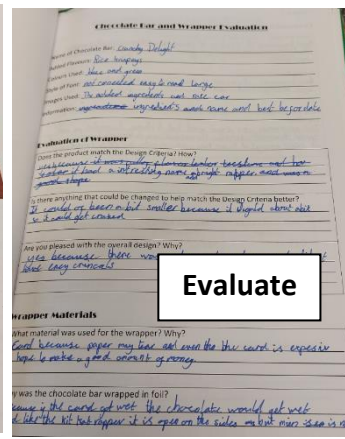
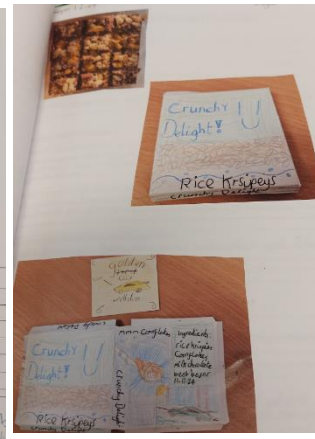
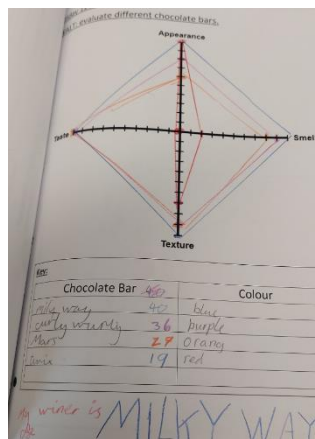
Target Market



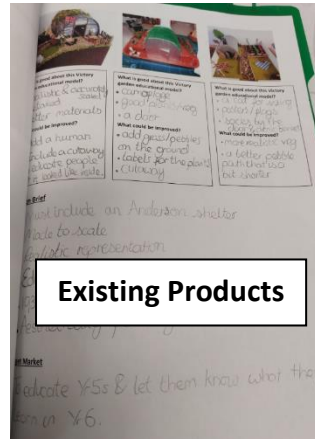
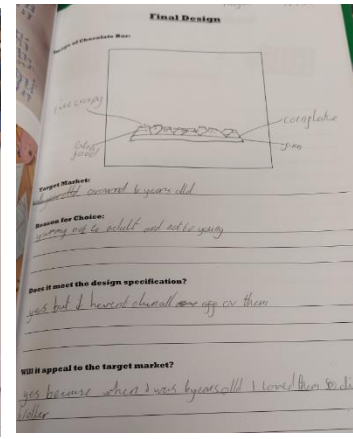
Design Criteria



Initial Ideas



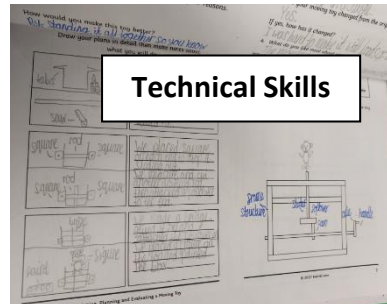
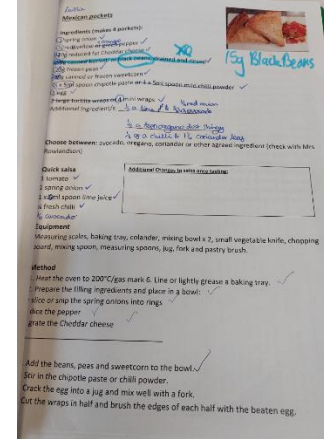
Evaluate



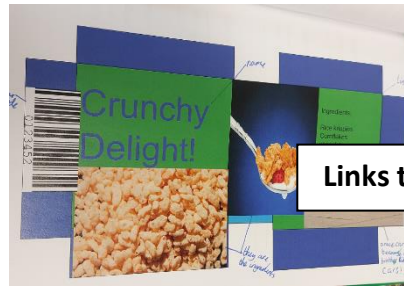
Existing Products



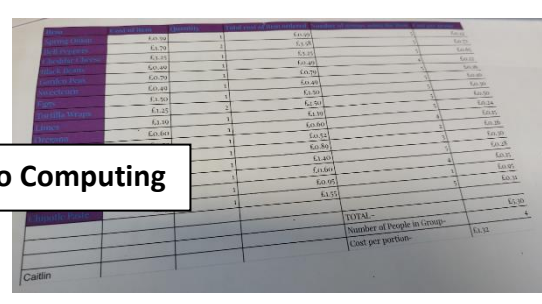
Final Design



Technical Skills



Links to Computing





Healthy Eating Week

How did you do this week?

Rate yourself between (X) and (O)

I have...

- tried a new fruit or vegetable (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)
- had plenty of tap water (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)
- moved more (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)
- had some wholegrain foods (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)
- wasted less food (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)

This week, I wasted less food by...

1. reheat it
2. Put in compost bin
3. Ask my parents to put us on my plate

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5 A Day tracker

Count in a glass each time you have a drink this week. You should have at least 5 A Day every day.

	Breakfast	Lunch	Afternoon	Evening	TOTAL
Monday	1	2	1	1	5
Tuesday	1	2	1	1	5
Wednesday	1	2	1	1	5
Thursday	1	2	1	1	5
Friday	1	2	1	1	5

Drink tracker

Count in a glass each time you have a drink this week. You should have at least 5 A Day every day.

	Monday	Tuesday	Wednesday	Thursday	Friday
Monday	1	2	1	1	1
Tuesday	1	2	1	1	1
Wednesday	1	2	1	1	1
Thursday	1	2	1	1	1
Friday	1	2	1	1	1

Higher fibre foods

Make a list of the higher fibre foods you have this week. You could have wholegrain (brown) bread, wholemeal bread and wholemeal pasta.

Whole Biscuits
Box of Porridge

Move more

Track your activity by colouring in part of an arrow each time you are active for 10 minutes. Aim to be active for 60 minutes each day.

	Monday	Tuesday	Wednesday	Thursday	Friday
Monday	1	2	1	1	1
Tuesday	1	2	1	1	1
Wednesday	1	2	1	1	1
Thursday	1	2	1	1	1
Friday	1	2	1	1	1

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Higher fibre foods

Make a list of the higher fibre foods you have this week. You could have wholegrain (brown) bread, wholemeal bread and wholemeal pasta.

1. Wholemeal Pasta
2. dried fruits
4 lentils

Move more

Track your activity by colouring in part of an arrow each time you are active for 10 minutes. Aim to be active for 60 minutes each day.

	Monday	Tuesday	Wednesday	Thursday	Friday
Monday	1	2	1	1	1
Tuesday	1	2	1	1	1
Wednesday	1	2	1	1	1
Thursday	1	2	1	1	1
Friday	1	2	1	1	1

Which of these have you done this week?

Rate yourself between (X) and (O)

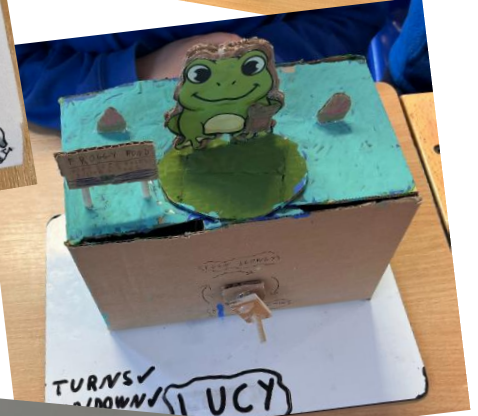
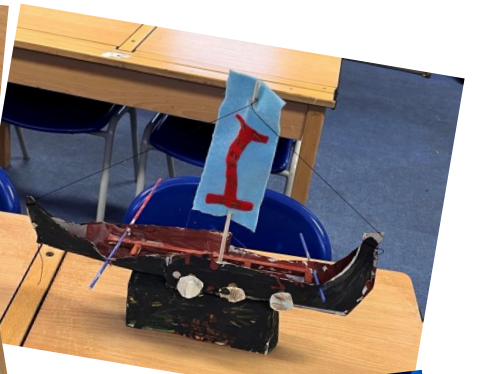
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- moved more (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)
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- wasted less food (X) (O) (O) (O) (O) (O) (O) (O) (O) (O)

This week, I wasted less food by...

1. Eating everything on my plate
2. Eating what we already have in
3. Asking my parents to put us on my plate

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DT projects across the school

