# **CURRICULUM PROGRESSION MAP: Design Technology 2023-2024**

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	Autumn 1	Autumn 2	Spring 3	Spring 4	Summer 5	Summer 6
Rotations	Rotation 1 – 8 weeks	Rotation 1 – 3 weeks Rotation 2 – 4 weeks	Rotation 2 – 6 weeks		Rotation 3 – 3 weeks Rotation 4 – 2 weeks	Rotation 4 – 7 weeks

Resistant Materials Food Technology	Textiles	Graphics/Photography
Topic: Bird Boxes  Knowledge: To understand how to use tools and a safe and skilful way Correct use of ACCESSFM to analyse products to better understand the existing market To develop effective and clear success criteria and communicate their features  Knowledge: To understand how to work safely and hygienically within a kitchen environment. To be able to select appropriate equipment and utensils for each recipe. To understand The Eatwell Guide and current government guidelines for healthy eating. To learn how to follow a recipe and demonstrate safe cooking skills whilst learning about Seasonality.  Skills: Isometric drawing, Tool Safety, Planning, Research.	TOPIC: Junk Monsters (9-10 weeks)  Knowledge: Based around the environment and using recycled materials students will dive into the world of Jon Burgerman's monsters.	Topic: Exciting Typography (Graphics)  Knowledge: To learn about what graphic design is and what graphic designers do as a job. They will understand what qualities are needed to be a good graphic designer. They will learn about typography and how to create unique lettering based on their research. They will learn the difference between Sans and Sans serif fonts. They will learn about the history of illuminated letters  Skills: Researching appropriate images Designing lettering (combining with imagery) Watercolour techniques Illuminated letter design Card construction Paper mache

Topic: Pinball/Bagat	elle Games project	TOPIC: 8 Tips For Healthy Eating, Healthy Swaps and	TOPIC: Seasonal Wall Hanging (9-10 weeks)	<u>Topic:</u> Film poster logo design (Graphics)
		Reducing Food Waste		
				Knowledge:
Knowledge:		Knowledge:	Knowledge:	To develop their understanding of what makes a
To understand how t	o use tools and a safe and	To understand how to multitask safely and hygienically	Observing our world around us students will be looking the	good graphic designer. They will learn about Ben
skilful way		within a kitchen environment. To understand The 8 Tips	works of mother nature as inspiration for their wall	Eine and his alphabet design, the importance of
Correct use of ACCES	SFM to analyse products to	For Healthy Eating and current government guidelines for	hanging diving into all four seasons and building on	being creative and unique through designing a
better understand th	e existing market	healthy eating. To practice independently following	previous skills from Year 7	range of different typography ideas based on film.
To develop effective	and clear success criteria for a	savoury recipes and making Healthy Swaps when cooking.		Students will understand the importance of
product		Learning how to reduce Food waste within the Hospitality	Skills:	advertising and what makes a good poster for film
To create ideas linke communicate their for	d to success criteria and	industry.	Artist Research	and also the history of animation. Throughout the
communicate their fo	eatures		Pattern Design	topic they will develop a range of life skills
		Skills:	Applique	
Skills:		Weighing, Measuring, Use Oven, Divide ingredients, Use	Hand sewing	Skills:
The skills build and e	xtend the foundation skills	hob, use grill, Knead dough, form dough, peel, de-seed,	Machine sewing	Life skills such as resilience, patience,
learnt in Year 7:		dice, knife precision	Embroidery	perseverance, problem solving
Extend Making Skills,	Recording Accurate Details,	Products Made: Carrot skills 2, Rainbow Salad, Garlic &	Health and Safety of Textiles	Analysing Ben Eine's work
Broader range of ma	terials, Reflection and Effective	Rosemary focaccia, Chilli veg noodles, Breakfast muffins,	Painting onto fabric	Artist replica
Evaluation, building i	n a moving element into design	Mac, veg 'n' cheese		Designing unique typography
				Developing page layouts for film poster
				Thaumatrope animation

**Topic:** Clock design

# **Knowledge:**

To explore the ranges of clock faces and designs and assess these through correct use of ACCESSFM to analyse products. To design a modern clock design using a range of materials for the face and numbering. To accurately mount the hand mechanism achieving a higher degree of professional finish to the clock.

#### Skills

Build upon those already established in Years 7 and 8. To include:

Deeper research skills, Detailed design board, Extended knowledge of skill in working with a broader range of tools. Development of refined finishing skills, . <u>TOPIC:</u> Function of Nutrients, Dietary needs of different groups, Allergies & Intolerances

# **Knowledge:**

To improve precision and safety whilst working in a kitchen. Learning about the function of a variety of nutrients (Protein, Carbohydrate, Fat, Vitamins, Minerals, NSP, Water) and how different groups need them in different quantities. Learn about different dietary needs and the importance of understanding about food allergies and intolerances.

# **Food Skills:**

Weighing, Measuring, Use Oven, use hob, use grill, drain, peel, brunoise, julienne, grate, crush, shape, coating <a href="Products Made: Knife skills apple swan, Croque Monsieur, Chilli sin Carne, Spinach, chickpea & Potato Curry, Chelsea Buns, Lentil Bolognese, Fish Cakes">Potato Curry, Chelsea Buns, Lentil Bolognese, Fish Cakes</a>

**TOPIC:** Graffiti Tote Bag (9-10 weeks)

# Knowledge:

Delving into the positive and colourful mind of Mr. Brainwash students will be exploring the artform of graffiti through creating their own tote bag and name tag.

# Skills:

Tie Dye

**Heat Transfer** 

Artist Research
Pattern Design
Applique
Hand sewing
Machine sewing
Embroidery
Health and Safety of Textiles
Painting onto fabric

<u>Topic:</u> Introduction to Photoshop (photography) and portraiture

Knowledge: An introduction to Photography.
How to take photos, upload and edit using
Photoshop technology.

Looking at Artists such as, Ben Heine and Slinkachu.

Students will start to personalise their own projects and start to see their own style developing.

Creating own unit based on Portraiture.
Capturing yourself, friends and family effectively is very hard and students will work through this process, whilst exploring different artists named in the skills section below.

Students will develop their own style and develop a final piece linked to the artist.

Looking at unique artists and their work, recreating and developing final piece.

# Skills:

Evaluation

Analysis

**Exploring artists** 

Using Photoshop Flipping circles

Glitch

Colour splash

Double exposure

Lee Mckenna

Luke Gram

Joe Cruz

Text filters