

Subject overview: Design & Technology

Term	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Whole school theme	What made Grimsby great?	How do we celebrate?	Who is that?	What on Earth . . . ?	Life on Earth	Where in the world?
N	<p>Food-exploring tasting and making through celebrations and fairy tales.</p> <p>Structures-building with small & large construction.</p> <p>Mechanisms- rip, scrunch, shred and begin to cut. Fixing back together.</p> <p>Textiles- exploring weaving using natural & manmade materials</p>	Taught throughout the year during continuous provision				
R	<p>Food-Explore the production and tasting of foods linked to Farm Box</p> <p>Structures-building using small, large construction & junk modelling e.g London landmarks.</p> <p>Mechanisms- manipulating paper and re-joining in various ways. Design and making own products using the techniques taught and junk modelling.</p> <p>Textiles- Using a variety of materials to weave. Exploring</p>	Taught throughout the year during continuous provision				

	binca to produce patterns.					
1		Mechanisms Sliders & levers Christmas cards	Structures Freestanding 1666 House			Food Preparing fruit Making a tropical smoothie
2		Textiles Template and joining techniques Mini stockings			Food Preparing vegetables and adding carbs Making a salad or wrap	Mechanisms Wheels & axles Design a moving vehicle
3		Mechanisms Design a vehicle using pneumatics			Food Eating seasonally-making a crumble or tart	Structures Shell structures Make a case to protect the fossils in transportation
4		Structures & Electrical systems Simple circuits/ Frame structure Making a night light			Textiles 2D shape to 3D shape Making an animal cushion	Food Adapt a recipe and have a set budget Making cakes
5		Food Change of state, adapt a recipe Christmas biscuits	Mechanisms Pulley, levers & linkages Titanic- how can we escape?			Structures Frame structure- Bridge building Making a bridge
6					Food Ethical & hygienic issues of food Making a moussaka	Textiles Combining different fabric shapes Making a levers bag.