

St. Hugh's Catholic Primary School

Design & Technology Subject Plan

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Mechanical Systems (Sliders and Levers) Children learn about the movements and characteristics of sliders and levers		Mechanical Systems (Levers and Linkages) Children create a greetings card using levers and linkages		Mechanical Systems (Gears and Pulleys) Children investigate a range of gears and pulleys	
Autumn 2		Mechanical Systems (Wheels and Axles) Children make a wheel and axle product using their own designs		Mechanical Systems (Levers and Linkages) Children create an Egyptian shaduf by joining materials with accuracy		Mechanical Systems (Motors and Circuits) Children make a fairground ride.
Spring 1	Structures (Free-standing) Children make a free standing bridge		Food (Healthy and Varied diet) Children make a wrap		Food (Celebrating culture and seasonality) Children make soup	
Spring 2		Textiles (Templates and Joining Techniques) Children make a puppet		Textiles (2D shape to 3D product) Children make a pencil case		Textiles (Combining Fabric) Children create a phone case
Summer 1	Food (Preparing Fruit and vegetables) Children make a fruit salad		Structures (Shell Structures) Children make a gift box		Electrical Systems (Complex switches and Circuits) Children make a torch	
Summer 2		Food (Preparing Fruit and Vegetables) Children make a sandwich		Food (Healthy and Varied diet) Children make a salad		Food (Celebrating culture and seasonality) Children create a pizz