

Year 1			
	Autumn Term	Spring Term	Summer Term
Focus:	Structures - Kites – Link to History - Toys	Food – Preparing Fruit and Veg – Fruit Kebabs	Mechanical systems – levers and pulleys
Design Brief:	Can you make a better kite for Bear and Mole?	Can you design a fruit kebab that will be popular at snack time?	Can you design a catapult to help the queen escape from the dragon?
Year 2			
	Autumn Term	Spring Term	Summer Term
Focus:	Food – Bread – History Link - Great Fire of London	Textiles - Puppets – History link – China/Festivals	Mechanisms – Wheels and Axels – Vehicle - History Link – Explorers
Design Brief:	The Bakery is open again – how can we get people to come back to Pudding Lane Bakery?	Can you make puppets to retell the CNY origin story?	Can you make a vehicle for an explorer to travel in?
Year 3			
	Autumn Term	Spring Term	Summer Term
Focus:	Food - Healthy Pizza – Science Link – Animals Including Humans	Textiles – Roman Coin Purse – History Link – Romans	Structures - Bridges
Design Brief:	Can we design a pizza for a balanced diet?	Can you improve the design of a roman purse?	Can you design a bridge strong enough to support _____?
Year 4			
	Autumn Term	Spring Term	Summer Term
Focus:	Textiles – Joining Fabric – Pencil Cases	Mechanical systems – levers and linkages	Electrical Systems – Torch– Electricity
Design Brief:	Can we make a pencil case to fit your school equipment?	Can you make a mechanical poster to promote good wellbeing in school?	Can we design a torch to use in our science lessons?
Year 5			
	Autumn Term	Spring Term	Summer Term
Focus:	Structure – Frames – Mobile Phone Holder	Food – Rationing (using alternative ingredients) – nutritional value	Mechanical Systems – pulleys & gears - fairground rides
Design Brief:	Can you make a mobile phone holder appropriate for _____ to use.	Can you make a meal an appealing for The Drive restaurant only using ingredients available in WW2. (ready steady cook)	Can you design a new ride to attract people to The Hopping's?
Year 6			
	Autumn Term	Spring Term	Summer Term
Focus:	Food – Celebrating Culture – RE link –Diwali	Textiles – Combining different fabrics – History link – Greek Sandals.	Electrical Systems – Complex switches, programme, and monitoring – Battery powered vehicle.
Design Brief:	Can you design a traditional Diwali meal to be served in the dinner hall?	Can you design a new sandal to be sold in shops based on Greek styles?	Can you make a moving vehicle that will survive the obstacle course?