

















Subject Map: Design & Technology Y1-Y6 coverage

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 2	Summer 2
Year 1		What makes a Christmas card sell? (6 hours) Pop up cards		Will your model cause the Great Fire of Park Spring? (8 hours) Construction	Construction and adhesive	How many features will you 'Bonkers animal' be made of? (9 hours) Construction and adhesive
Year 2		How will we keep our luggage safe when travelling? (5 hours) Running stitch	Which type of stitch is best to make a Victorian bookmark? (3 hours) Cross stitch 	How many linkages do you need to make a bee fly? (3 hours) Levers and sliders		
Year 3	Which is better pen and paper vs digital sketching? (? Hours) ICT design			Is a v-fold mechanism or an internal stand mechanism most desirable in a card? (? Hours)	Will a vehicle use more force with fixed axles and moving wheels or moving axles and fixed wheels? (? Hours)	Pneumatics mechanisms (? Hours)
Year 4	Which Greek god would need the most linkages to make move? (18.5 hours) Linkage					What features will a night light need to make a toddler sleepy? (5 hours) Electrical components
Year 5	Which combination of pulleys or gears will make the vehicle travel fastest? (9.5 hours) Pulleys and gears		How many varieties of bridges do you think are in the world? (3 hours) Famous designer knowledge			Is it possible to sew a river using only back stitch? (12 hours) Textiles



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Year 6				How could an alarm affect the safety of the vehicle? (9 hours)	Are bird boxes good homes for birds? (9 hours) Wooden construction	Why was Thomas Heatherwick known as the Pied Piper? (3 hours) Famous designer knowledge
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