

Spirit of Innovation STEAM Engagement Year Four Activity Overview	S	T	E	A	M
	Science	Technology	Engineering DT	Art	Maths
Curriculum Topic	Circuits & Conductors	Communication	Pneumatics and Hydraulics	Sonia Delaunay	Number & Measure
Spirit of Innovation Programme Activities including Teaching Resources	Predict and explain which materials will be good conductors of electricity, and which are not	Design a 'Being GREEN' poster.	Exploring pneumatics and hydraulics	Study and depict a piece of artwork based on the techniques of artist Sonia Delaunay	Propeller Investigation
	Circuit drawings and testing theories	Using the 'key' message from their 'Being GREEN' poster from Activity One. Design a story board for an animation/advert	Design and make the Spirit of Innovation plane with a pneumatic undercarriage		Battleships: Spirit of Innovation Style Using single coordinates
	Design a Spirit of Innovation inspired electronic game	Add sound effects or their own jingle to their animation/advert	Pin Ball Racer: pneumatics or hydraulics game		
Other Activity Suggestions	Electricity Safety		Use construction kits to explore pneumatics and hydraulics.	*Link Technology Compose a jingle/rap to go with animation/advert	



PIONEERS OF POWER

