

Title: Marvellous Mechanisms and Magical Machines	Project overview The aim of the project is to develop an understanding of how different things move.	Hook Races	Text(s) Quest story – literacy text Instructions on building a cart – non-fiction text Mrs Armitage on Wheels - guided reading	Maths overview Time Mass, Capacity, Temperature
Year group 2				
Driving question What makes me move?	Key Vocabulary Suitability, move, compare, wood, metal, cardboard, plastic, glass, brick, rock, paper, uses, shape, squash, bend, twist, stretch, solid, change, wheels, axles	Intended outcome By the end of the project the overall outcome will be a presentation from the children showing their ‘magical machines’ and explaining how they work.	Resources Range of materials/surfaces, wheels, axels, chrome books, Jackson Pollock artwork examples.	Areas of learning Subjects Science, Art, DT, Music, PE, ICT, RE
How does learning build on prior understanding? Other year groups and other learning?	Content What will we learn?	Creativity How will we show our learning in different ways?	Ethos How does the project embed our values?	How will this project prepare for future learning?
Link to FC – <ul style="list-style-type: none"> Understanding the world – knowing similarities and differences about materials. Link to year 1 – <ul style="list-style-type: none"> Identify and name everyday materials. Describe the simple properties of everyday materials. 	<ul style="list-style-type: none"> How to identify and compare the suitability of everyday materials for particular uses. Compare how wheels move on different surfaces. How the shapes of materials can be changed. How to use multimedia correctly. How to use different colours to portray different movements. Who Jackson Pollock is and 	<ul style="list-style-type: none"> Design and create a cart after exploring different materials to decide which works best. Use textiles to design and create an add on to the cart. Mix colours for the cart and choose the best media to use for the best coverage, colour wheels and colour spectrums. Create artwork in the style 	<ul style="list-style-type: none"> Being resilient to learning new and challenging vocabulary. Being respectful when testing and comparing different things that move. Being resourceful when designing and creating something that moves. 	Link to year 3 – <ul style="list-style-type: none"> How things move on different surfaces. Railways and their driving force project. Link to year 5 –

<ul style="list-style-type: none"> ● Group everyday materials. <p>Link to previous term –</p> <ul style="list-style-type: none"> ● Important people – inventors ● Under the sea – materials of boats, wheels used, how they move on water. 	<p>why he is a respected artist.</p>	<p>of Jackson Pollock to show a vehicles journey and the way it moves.</p> <ul style="list-style-type: none"> ● Learn about the way our bodies move and how we can make our bodies move in different ways. ● Use songs about famous and magical vehicles. 		<ul style="list-style-type: none"> ● Fair testing on everyday materials. ● Fairground Forces project – investigating mechanisms
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