


How can an astronaut transport his moon rocks?

<u>Year Group: Two</u>	<u>Subject: Design and Technology</u> <u>(Mechanisms: wheels and axles)</u>	<u>Topic:</u> <u>Design and Make a Moon Buggy</u>
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What will I learn?	Key vocabulary:	
<ul style="list-style-type: none"> How to design and make a moon buggy for a toy astronaut for carrying moon rocks. Link to the first moon landing. How to safely use a range of tools and equipment to cut and join materials and finish my product. How to evaluate existing designs of moon buggies to help me with my design, possible joining techniques and decoration ideas. How to evaluate my own moon buggy against my original design and whether it will be able to move. I will learn and understand the technical vocabulary linked to my project. I will mark out, cut and attach materials to construct a moon buggy. I will learn how to attach wheels and axels to my moon buggy. 	vehicle	wheel
	axle	axle holder
	chassis	body
	cab	mechanism
	junior hacksaw	glue gun
	vice	design
		make
		evaluate
How will I learn?		
<ul style="list-style-type: none"> I will choose materials which I think are best suited to making my moon buggy. I will explore other vehicles with wheels and axles to see how they are designed and how they move. I will ask questions such as, 'how do the wheels move? How are the wheels fixed on? 'how many wheels will I need. 		