



Prior knowledge	Key knowledge	Subsequent knowledge
Traditional tales - English Materials - science	I know what a mechanism is. I can name different mechanism (slider, lever and axis). I know how to make a pivot and lever.	Year 2 - levers and pivots - vehicles

National Curriculum Coverage	Lesson Series
<p>Design:</p> <ul style="list-style-type: none"> - Design purposeful, functional, appealing products for themselves and other users based on design criteria - Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology <p>Make:</p> <ul style="list-style-type: none"> - Select from and use a range of tools and equipment to perform practical tasks [for example, cutting, shaping, joining and finishing] - Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics <p>Technical knowledge:</p> <ul style="list-style-type: none"> - Explore and use mechanisms [for example, levers, sliders, wheels and axles], in their products <p>Evaluate:</p> <ul style="list-style-type: none"> - Explore and evaluate a range of existing products - Evaluate their ideas and products against design criteria 	<ol style="list-style-type: none"> 1. Explore and evaluate existing products. 2. Sliders 3. Levers 4. Wheel mechanisms 5. Designing 6. Making 7. Evaluating 8. KO quiz
Enrichment opportunities (including days, trips and fieldwork).	Reading traditional tales Looking for mechanisms in the home

Vocabulary	Meaning
Mechanism	Parts acting together to make an action take place.
Slider	A slider moves backwards and forwards in a straight line
Lever	A bar which turns around a point/pivot
Wheel mechanism	A circular object that moves around a point.