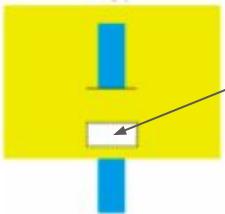
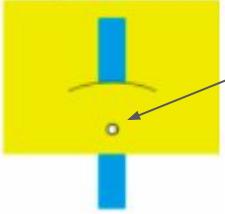
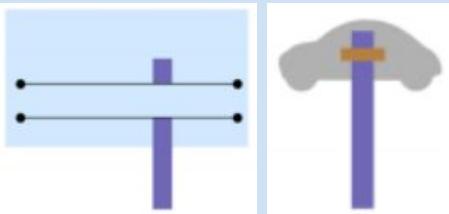
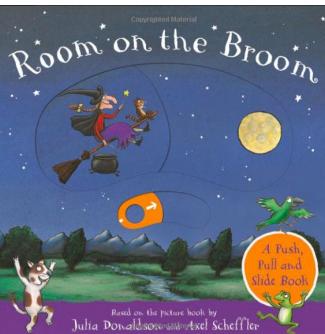
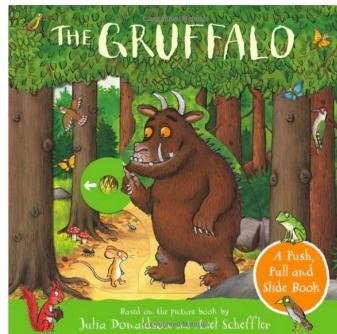
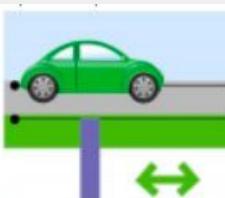


# Grange Park Primary School Year 1 Spring 1 Design and Technology

## Sliders and levers (mechanisms): A page with moving parts for an information book on the history of London transport

Key People and Events		Key Knowledge and Skills		Key Vocabulary	
1750	The first movable books, called Harlequinades, had flaps which changed the stories and pictures..	Simple slider with guide	 A diagram showing a blue rectangular slider moving horizontally within a yellow rectangular frame. A vertical blue line, labeled 'Guide or bridge', runs through the center of the slider. An arrow points to this line with the label 'Guide or bridge'.	slider	A rigid bar which moves backwards and forwards along a straight line.
1862	A German man called Lothar Meggendorfer made the first book with levers. The levers made different parts of the pictures move.	Simple lever	 A diagram showing a blue rectangular slider pivoted at the bottom center. A curved blue line, labeled 'Paper fastener used as a pivot', connects the slider to the pivot point. An arrow points to this line with the label 'Paper fastener used as a pivot'.	lever	A rigid bar which moves around a pivot. Levers are used in many everyday products such as door handles and seesaws.
		Sliders move from side to side and up and down	 Two diagrams. The left one shows a purple slider moving horizontally between two black dots. The right one shows a purple slider moving vertically between two black dots, with a small grey cloud icon above it.	pivot	Fixed point that a lever rests on.
 		Front view of slider	 A diagram showing a green car on a grey track. A vertical purple bar, labeled 'Slider', is attached to the front of the car. A double-headed arrow below the car indicates horizontal movement.	mechanism	A device used to create movement in a product.
		Rear view of slider	 A diagram showing a green car on a grey track. A vertical purple bar, labeled 'Slider', is attached to the back of the car. A double-headed arrow below the car indicates horizontal movement.	product	An item designed to do a particular job.
			 A colorful illustration of a city street at night. There are several buildings with lit windows, a green car, a yellow bus, and a red car. The sky is blue with a full moon and stars.	guide or bridge	A short card strip used to keep sliders in place and control movement.
				slot	The hole through which a lever or slider is placed to enable part of a picture to move.