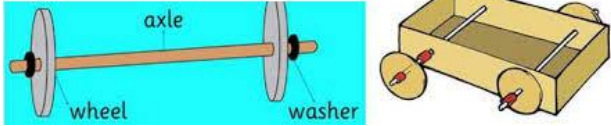
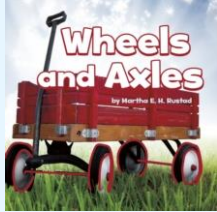
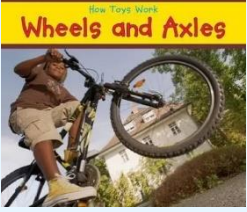


Year 2: D&T - Wheels and Axles

Subject Specific Vocabulary		Memorable Image	Exciting Books
wheel	a round frame that turns on the axle.		 
axle	a rod that enables a wheel to rotate. The wheel can rotate freely on the axle or be fixed to, and turn with, the axle.		
chassis	the frame or base on which a vehicle is built.		
		Sticky Assessment Knowledge	
axle holder	the component through which an axle fits and rotates.	<input type="checkbox"/> I know what wheels, axles and chassis are.	Useful Websites
mechanism	the whole or parts of a machine, mechanical system, or device.	<input type="checkbox"/> I know that there are two different ways of attaching wheels to axles. <input type="checkbox"/> I know how simple mechanisms related to moving vehicles work.	BBC- D&T Axles https://www.bbc.co.uk/teach/class-clips-video/design-and-technology-ks2-axles/zmhfvk7 Interactive activity http://resources.hwb.wales.gov.uk/VTC/wheels_axles/eng/Introduction/default.htm
body	the shape of a vehicle		
friction	the rubbing of objects against each other.		
dowel	narrow wooden rods used for making axles to hold wheels	<input type="checkbox"/> I can combine wheels, axles, and chassis.	Misconceptions and Facts
design	to make or draw plans for the structure or form of.	<input type="checkbox"/> I can design a vehicle to include wheels, axles, chassis, and bodies.	<ul style="list-style-type: none"> Wheels and axles are mechanisms that help things to move. Wheels are circular objects that roll on the ground, helping vehicles and other objects to easily move. Axles are rods that help wheels to rotate. The wheel can either rotate freely on the axle or be attached to (and turn with) the axle.
evaluate	to judge the level or value of.	<input type="checkbox"/> I can follow a design to create a vehicle and evaluate the finished product.	