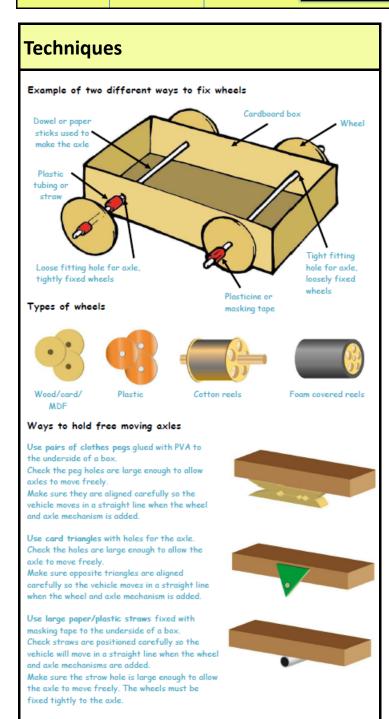
Year 2

DT

Mechanisms: Wheels and Axles

Knowledge Organiser



Vocabulary	
vehicle	something used to carry and move people or things
wheel	a round frame that turns on an 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
axle holder	the component through which an axle fits and rotates
chassis	the frame or base on which a vehicle is built
body	the main part of an object
cab	the enclosed part of a vehicle where the driver or operator sits
assemble	to construct by joining the parts of something together
cut	to divide something with a sharp tool such as a saw
join	to put, bring, or fasten together
shape	to give a certain form or shape to an object
fixed	firmly placed, fastened, or positioned; unmoving
free	able to move—not fixed in place
moving	producing or causing motion
mechanism	a device used to create movement in a product
design	to generate, develop and communicate ideas for a product
evaluate	to judge how a product meets chosen criteria
purpose	a reason or plan that guides an action, design or goal
user	the intended person in mind when designing a product
criteria	the precise goals that a project must achieve in order to be successful
functional	able to serve the intended purpose

Health and Safety

Pay close attention when using sharp tools

Stop what you're doing as soon as the teacher or your partner says "stop".