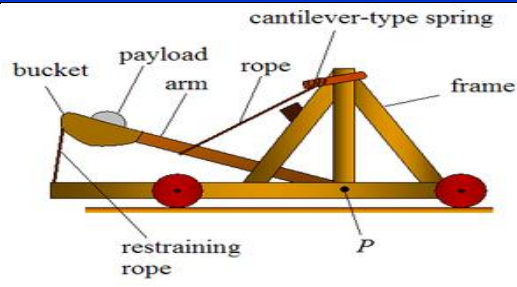
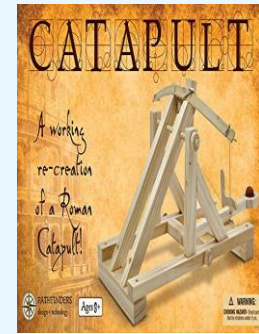
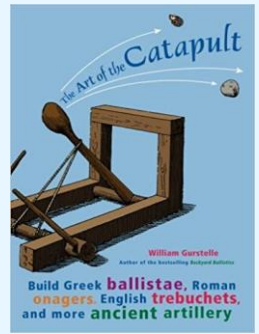


Year Group 4: DT (Levers and Linkages)

Subject Specific Vocabulary		Memorable Image	Exciting Books
design	To plan and make a detailed drawing of something from which it can be built or made.		 
components	The components of something are the parts that it is made of.		
specifications	A requirement which is clearly stated, for example about the necessary features in the design of something.		
research	To study something and try and discover facts about it.	<p>Sticky Assessment Knowledge</p> <p><input type="checkbox"/> I can use the ideas of experts and existing designs to help design a product.</p> <p><input type="checkbox"/> I can make a detailed plan for a Roman soldier's catapult and explain it.</p> <p><input type="checkbox"/> I know how to consider the views of others including any intended users to improve the work/product.</p> <p><input type="checkbox"/> I know how and when to evaluate my design for purpose and appearance and can suggest improvements.</p> <p><input type="checkbox"/> I can select materials and components suitable for a task.</p> <p><input type="checkbox"/> I can make accurate measurements to the nearest cm.</p>	<p>Useful Websites</p> <p>Instructables.com https://www.instructables.com/How-to-make-a-model-Roman-catapult/</p> <p>Kids.kiddle.com https://kids.kiddle.co/Catapult</p>
lever	A handle or bar that is attached to a piece of machinery and which you push or pull in order to operate the machinery.		
linkages	A link between two things is the link or connection between them.		
catapult	A device for shooting small stones made with a Y shaped stick with a piece of elastic tied between the two top parts.		
evaluate	To judge or determine the worth or quality of something.		<p>Misconceptions and Facts</p> <ul style="list-style-type: none"> The Romans were the ones to introduce catapults on wheels. Catapults were invented by the Greeks.