

Knowledge Organiser



Anglo-Saxon Purse

Before	Now	Next	
Y2 Pirate hats	Y5 Anglo-Saxon purse		



Sutton Hoo is the site of two Anglo-Saxon cemeteries dating to the 6th and early 7th centuries CE that is located near Woodbridge, Suffolk, England. One contained an undisturbed ship burial including a wealth of Anglo-Saxon artefacts of outstanding art-historical and archaeological significance, which are now held in the British Museum in London. Other sites had produced significant finds, but had previously been looted.

The ship-burial, probably dating from the early 7th century and excavated in 1939, is one of the most magnificent archaeological finds in England for its size and completeness, its meaning, the quality and beauty of its contents, and for the profound interest of the burial ritual itself.



Vocabulary			
Fabric	A natural or man-made woven or knitted materials, that are made from plant fibres, animal fur or synthetic material.		
Felt	A cloth made of wool or other animal fibres that have been pressed instead woven together		
Cotton	A British word for thread, often on a spool, used for sewing.		
Thread	A fine cord used in sewing, weaving, and the like. Thread is usually made of two or more fibres such as cotton twisted together.		
Thread (verb)	To pass (something) through a hole or slit.		
Eye of the needle	The hole/slit in the needle.		
Thread a needle	To pass a piece of cotton through the eye of the needle.		
Sew	To join or fasten by stitches made using a needle and thread.		
Design criteria	To help designers focus their ideas and test the success of them.		
Detail	The small features of an object.		
Template	A stencil that is used for making many copies of a shape.		
Tie off	Leave a tail, make a loop, sew through loop not once but twice. (To secure th thread at the end of sewing).		
Pin	To temporarily hold fabric in place prior to stitching.		
Evaluation	When you look at the good and bad points about something, then think about how you could improve it.		

Types of stitching





Knowledge Organiser Romans - Catapult



Before	Now	Next
Y5 Mars Rover	Y6 Catapults	

Key Knowledge

A **catapult** is a mechanism to **launch** a **missile**, such as a stone or spear, over a distance. In ancien times a catapult was used as a military weapon.



involves the sudden release

of tension to propel the

An ancient catapult

missile.

The ancient Greeks and Romans used a crossbow-like weapon called a ballista which launched arrows, darts or stones at enemy soldiers.





A medieval trebuchet uses gravity and a heavy counterweight to launch the **missiles**.

Technical Knowledge

Triangulation involves



the use of triangular shapes to give stability to a structure. This can be seen on bridges or towers, such as the Eiffel Tower in France.



Triangulation can relate to hinged or pinned structures, these types of structure usually offer no resistance to bending movements when a force is applied. Triangulation allows the force to be spread.



Vocabulary

Catapult Missile	A mechanism used to launch a missile An object which is forcibly propelled at a target, either	
	by hand or from a mechanical weapon	
Ballista	A type of catapult that works a little like a crossbow	
Trebuchet	A catapult that uses a counterbalanced weight to fling	
	the object forward	
Mangonel	A catapult that uses a bucket and long wooden arm to	
	fling the object forward	
Onager	Similar to a Mangonel, but uses a sling to throw items	
Forces	Energy caused by a physical action	
Elastic	A material able to resume its normal shape	
	spontaneously after being stretched	
Energy	The strength required for physical and mental activity	
Triangulation	Using triangle shapes in a structure to make it strong	
Launch	To hurl something with force	

Roman Catapults -

The Ballista



It could fire a 60lb (27kg) stone forward or a 3rt bolt (100m) and was capable of hitting a wall up to 550 yards (503m) away. This was far outside the range of enemy bowmen who could only fire the arrows to a distance of about 10 yards (100m). It therefore allowed the soldiers to set it up away from the enemy. It could also move with speed and was enabled to hit its target at speeds of 115mph and it was therefore likely to kill someone instantly or at least seriously injure them.

The Onager



The onager was a base frame with wheels at each corner. In the middle was a vertical framework with a crossbar at the top. At the bottom was a long beam of wood which was attached at the lower end to a very tightly twisted plaited rope. This was to give the spring action to the weapon. At the other end of the arm was a large spoon-like container that held

the missile, which was normally filled with a heavy rock or masses of stones. The rocks could weigh up to 150lbs (68kg) and were used to smash through walls, ramparts and turgets

The ballista looked and worked like the scorpion, but it was bigger and much more powerful.

