



Common ASSESSMENT TASK 3 NOTIFICATION – YEAR 9

Faculty: TAS

Year / Class: 9iSTEM

Course: Year 9 iSTEM

Class Teacher: Mr. Dong

Task Title: Industry Study

Due Date: 05/06/2017











Weighting: 10% / Total: 100 Marks

(Period 5/Week 6/Term 2)

TASK INSTRUCTIONS & REQUIREMENTS:

Task Description:

There are the following methods to attack castles in Middle Ages.

<p style="text-align: center;">Aim it high!</p> <p>Tactics: Use a catapult known as a trebuchet to fling stuff over the castle walls on to the enemy.</p> <p>Weapons: Trebuchet - fires missiles ¼ of a mile. Stones - shatter into deadly splinters. Plague victims/poo to spread disease!</p> 	<p style="text-align: center;">Break through the doors!</p> <p>Tactics: Use a battering ram. Set the wooden door on fire.</p> <p>Weapons: Battering ram. Flaming arrows. Your cunning to lure them out!</p> 
<p style="text-align: center;">Make it through the drawbridge!</p> <p>Tactics: Use grappling hooks to pull it down. Disguise yourself and try to charm your way in.</p> <p>Weapons: Grappling hook. Costume to disguise yourself Your charm/wits.</p> 	<p style="text-align: center;">Scale the walls!</p> <p>Tactics: Put ladders against the walls. Use a siege tower to protect the soldiers. Use grappling hooks to climb the walls.</p> <p>Weapons: Ladder. Siege tower.</p> 
<p style="text-align: center;">Surprise attack!</p> <p>Tactics: Look for hiding places to wait, then attack at night. Aim for the archers on the walls. Sneak in - through the garderobe!</p> <p>Weapons: Long bows/crossbows. Sword.</p> 	<p style="text-align: center;">Cross the moat!</p> <p>Tactics: Lay planks/ladders across the moat. Set fire the timber spikes in a dry moat or dig a channel to drain a wet moat.</p> <p>Weapons: Ladder. Fire (or shovel to dig with!).</p> 
<p style="text-align: center;">Siege!</p> <p>Tactics: Block roads to stop supplies of food. Poison the water supply. Fling diseased over the walls to make them ill.</p> <p>Weapons: Trebuchet (catapult) & diseased animals. Time – you need to be patient</p> 	<p style="text-align: center;">Smash down the walls!</p> <p>Tactics: Fire heavy missiles into the walls at high speed using a mangonel - a specialised short range catapult Pick the weakest part of the wall.</p> <p>Weapons: Mangonel Very big stones!</p> 
<p style="text-align: center;">Send in the sappers!</p> <p>Tactics: Use skilled miners (sappers) to dig tunnels under the walls/towers, using wooden poles to support the tunnel. Burn the poles to make the tunnel and the wall/tower collapse.</p> <p>Weapons: Miners with tools for digging.</p> 	<p style="text-align: center;">Shoot them down!</p> <p>Tactics: Use your skilled archers to shoot the defenders. Fire burning missiles at the wooden parts of the castle and kill the soldiers living there.</p> <p>Weapons: Arrows. Long bows/crossbows.</p> 

- USE PEEL method (Point; Explanation; Examples; Link) to explain which method is the best method to attack castles and why?
- Please use your highlighter to highlight “Point” (red colour); “Explanation” (blue colour); “Examples” (green colour); “Link” (yellow colour).

OUTCOMES ASSESSED:

5.2.1 describe how scientific and mechanical concepts relate to technological and engineering practice
 5.2.2 applies cognitive processes to address real world STEM based problems in a variety of contexts
 5.5.1 applies a range of communication techniques in the presentation of research and design solutions

Marking Criteria		
A Outstanding	Extensive applied knowledge & understanding of content - Achieved a very high level of competence	100 - 86
B High	Thorough knowledge & understanding of content - Achieved a high level of competence	85 - 76
C Sound	Sound knowledge & understanding of content - Achieved adequate level of competence	75 - 56
D Basic	Basic knowledge & understanding of content - Achieved a limited level of competence	55 - 41
E Limited	Elementary knowledge & understanding of some content - Achieved very limited level of competence	40 - 0
Teacher Feedback:		