

Maths

Weeks 5 / 6
<p>SURFACE AREA AND VOLUME OF 3D OBJECTS: Surface area and volume • Use appropriate formulae to calculate the volume, capacity and surface area of rectangular prisms and cubes • Describe the interrelationship between surface area and volume of the objects mentioned above • Solve problems involving surface area, volume and capacity • Convert between appropriate SI units • Use equivalence between units when solving problems • Investigate the nets of cubes and rectangular prisms in order to deduce formulae for calculating their surface areas.</p>
<p>WCED LESSON PLANS: Week 5 & 6 https://drive.google.com/drive/folders/1ifUa_SlPtqS5gN6QbtO-V3TnxuMPXYN6</p>
<p>Online resources: https://www.worksheetcloud.com/live/grade-7-online-classroom/ MCO – GREEN SHOOTS: T2 - Brain Quest 4 - Measurement II - volume & capacity - 3D objectsQuiz T2 - Brain Quest 5 - Measurement III - surface area - 3D objects</p>
<p>Additional resources: Sasol Learner Workbook: pg.'s 146 - 154</p>

SS – History

Week	Key Topics	Sub-topics	Resources	Activities
5	The Transatlantic slave trade.	<p>Joseph Cinque https://youtu.be/tCZ7zvnHlzQ</p>	Platinum – Social Sciences	Pg.'s 144 - 145
6		<p>Harriet Tubman: Slave who escaped - The underground railroad https://youtu.be/H1NzFuunWO8 https://youtu.be/ylqQibHXL_4</p>		Pg.'s 144 – 149 Activities 4 and 5

Technology

Key Topic	Weeks 5 and 6	
<p>Action research: to stiffen materials / structures</p>	<p>Action research: to stiffen materials / structures Practical activity 1 – Stiffen a structural material by tubing individual activity Practical activity 2 – Stiffen a structural material by folding individual activity Practical activity 3 – stiffen a frame structure by triangulation individual activity</p>	<p>Instructions:</p> <ol style="list-style-type: none"> 1. Learners must read through the entire activity on pg.'s 66 and 67 of their Platinum textbook. 2. Learners must record their results in their workbook – no's 4 and 5 on page 67. 3. This is a home based task.
Resources	Platinum Technology Pg.'s 66 -67	