

Grade 7 – Teaching and Assessment Plans overview for Maths, Natural Science, Social Sciences and Technology, from 22/06 – 03/07 – Weeks 3 and 4

Maths

Week 2	Week 3	Week 4
<p>Classification of 2 D shapes</p> <ul style="list-style-type: none"> - Describe, sort, name and compare triangles - Describe, sort, name and compare quadrilaterals -Describe and name parts of a circle <p>Similar and congruent 2D shapes</p> <ul style="list-style-type: none"> -Recognize and describe similar and congruent figures by comparing size and shape <p>Solving problems</p> <ul style="list-style-type: none"> -Solve simple geometric problems involving unknown sides and angles in triangles and quadrilaterals, using known properties. <p>Monday: Geometry of 2D Shapes : Sasol: 78 -80</p> <p>Tuesday: Triangles, sasol 81 – 83</p> <p>Wednesday: Quadrilaterals, sasol 84 – 88</p> <p>Thursday: Circles, sasol 88-89</p> <p>Friday: Similar and Congruent shapes – sasol 90 -93</p> <p>Worksheetcloud.com: 24April - Lesson: Angles in Parallel Lines 28 April - Lesson: Angles Revision</p> <p><u>Extra</u> Oxford Successful Textbook – pg.'s 84-86; 63 -70</p>	<p>Transformation Geometry Recognize, describe and perform translations, reflections and rotations with geometric figures and shapes on squared paper Identify and draw lines of symmetry in geometric figures Enlargements and reductions - draw enlargements and reductions of geometric figures on squared paper and compare them in terms of shape and size.</p> <p>Monday: Symmetry sasol, 194 - 197</p> <p>Tuesday: Translation sasol,197 - 199</p> <p>Wednesday: Reflection Sasol, 200 -204 Play Lesson: Reflective Symmetry</p> <p>Thursday: Rotation Sasol, 205 -207</p> <p>Friday: Enlargement and Reduction Sasol, 209 -212 Play Lesson: Enlargements</p>	<p>AREA AND PERIMETER: Perimeter</p> <ul style="list-style-type: none"> • Use appropriate formulae to calculate • perimeter of a square, perimeter of a rectangle perimeter of a triangle • (No formulae) Area • Use appropriate formulae to calculate: o area of a square o area of a rectangle o area of a triangle <p>Solving problems Solve problems involving perimeter and area of polygons calculations to at least 1 decimal place Use and convert between appropriate SI units Solving equations using formulae solving equations by inspection</p> <p>Monday: Perimeter and area sasol, 133 – 136 Play Lesson: Perimeter</p> <p>Tuesday & Wednesday: Area of squares and rectangles. Play Lesson: Perimeter Sasol, 137 - 142</p> <p>Thursday and Friday: Area of triangles Sasol 143 - 144</p>
	Green shoots: T2-Brain Quest 2 – Geometry – Transformation.	Green shoots – T2 - Brain Quest 3 – Area & Perimeter
Formal Assessment Task: Assignment		

SS – History

Week	Key Topics	Sub-topics	Resources	Activities
3	The Transatlantic slave trade.	The impact of the trans-Atlantic Slaves on the plantation Songs, stories	Platinum – Social Sciences	Pg.'s 140 - 143
4		Resistance to Slavery: Rebellion		Pg.'s 144 - 149
https://www.sahistory.org.za/article/grade-7-term-2-transatlantic-slave-trade				

Technology

Key Topic	Week 3	Week 4
STRUCTURES	Case study: examine existing towers strengthened by triangulation, including pylons, windmills and mine headgear	Evaluate: worksheet on the advantages and disadvantages of telephone systems;
Resources	Platinum Technology pg.'s 62 and 63	Platinum Technology Pg.'s 64 -65
Activities	Enabling Task 4 pg. 63	Enabling Task 5 pg. 65
Online resources	https://www.youtube.com/watch?v=jh3wLR-bG-l https://www.youtube.com/watch?v=8mxx8UAgPAI https://www.youtube.com/watch?v=mBHJtWbsiaA	

Natural Science

Weeks 3 – 4	
Key topic	Separating mixtures
Resources	Platinum Natural Sciences pg.'s 79- 94
Activities	Act 1 page 79; Act 2 page 81; Act 4 page 83; Act 7 page 86; Act 9 page 92; Act 10 page 93; Topic 6 revision page 94
Online resources	https://www.youtube.com/watch?v=0IWy_hdgKJM use for Act 7 https://www.youtube.com/watch?v=b7GMpJx2jDQ use for Act 9

