

Grade 7 – Teaching and Assessment Plans overview for Maths, Social Sciences and Technology, from 20/07 – 07/08 – WEEK 7, 8 and 9

Maths

Week 7 and 8	
<p>EXPONENTS:</p> <ul style="list-style-type: none"> • • The exponential notation: meaning of the concepts exponential notation, power, base and exponent/index • • Determine squares to at least 122 and their square roots • • Determine cubes to at least 63 and cube roots • • Calculating squares and cubes • • Calculating square roots and cube roots • • Comparing and representing numbers in exponential form: • • Calculations using numbers in exponential form • • Recognize and use the appropriate laws of operations with numbers involving exponents and square and cube roots • • Calculations involving all four operations using numbers in exponential form, limited to 	
<p>WCED Lesson Plan for Week 7 attached separately.</p>	

SS – Geography

Week	Main topic	Sub-topics	Resources	Online explanations and visuals
7	Structure of the Earth	<ul style="list-style-type: none"> - Core, crust and mantle - How the crust moves 	Platinum pg.'s 26 - 31	https://www.youtube.com/watch?v=RpGyPos8xfc&t=178s
8	Volcanoes	<ul style="list-style-type: none"> - Location - The Ring of Fire - Occurrence 	Platinum pg.'s 32 - 35	https://www.youtube.com/watch?v=WgktM2luLok
9	Earthquakes	<ul style="list-style-type: none"> - Location - Causes - Effects - vulnerable communities - reducing the impact 	Platinum pg.'s 36 - 43	https://www.youtube.com/watch?v=e7ho6z32yyo

Technology

Key topic	Week 7 and 8	Week 9
Simple Mechanisms	<ul style="list-style-type: none"> - Mechanical Systems and control - Mechanisms can be designed to give mechanical advantage. - The crank, the pulley - What is mechanical advantage? 	<ul style="list-style-type: none"> - What is magnetism? - Investigate magnetism
	Platinum pg.'s 118 - 127	Platinum pg.'s 94 - 99

