

# RANDFONTEIN HIGH SCHOOL

## DAILY PLANNER – TERM 1, 2016 NATURAL SCIENCES – GRADE 9

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Cycle Date	TOPIC	CLASSWORK	HOMEWORK	SBA
01 - 02 13 - 07 January/February	<p><i>Classroom rules discussion</i> <i>Mind map: Knowledge Strands</i> <i>Mind map: Specific aims</i> <i>Mind map: Life and living</i> <i>Textbook: Theory Work Book Gr. 9</i> : <i>Spot On Grade 9</i> : <i>Doc Scientia Grade 9</i></p> <p><b>The scientific method</b></p> <p><b>Cells as the basic units of life.</b></p>	<p>Glossary (Scientific method). Investigation (Scientist at work). Notes (Scientific method). How the scientific method works. Plotting a line graph. Glossary (The cell).</p> <p>Notes (The cell). Identifying cells. Tabulating information. Assignment.</p>	<p>Young scientists at work. Interpreting graphs and tables</p> <p>Structure of plant and animal cell</p>	
03 02 - 07 February	<p><i>Textbook: Theory Work Book Gr. 9</i> : <i>Spot On Grade 9</i> : <i>Doc Scientia Grade 9</i></p> <p><b>Systems in the human body</b></p> <p><b>Nutrition</b> <b>Digestive System.</b></p>	<p>Human layout.</p> <p>Glossary (Nutrition and Digestion System). Nutrition (notes). Nutrition. Analyse a graph on obesity. Human Digestive System (notes).</p>	<p>Life processes in the human body.</p> <p>Analyse the composition of some foods.</p> <p>Digestion.</p>	<b>Investigation</b>
04 11 - 19 February	<p><i>Textbook: Theory Work Book Gr. 9</i> : <i>Spot On Grade 9</i> : <i>Doc Scientia Grade 9</i></p> <p><b>Circulatory System.</b> } <b>Respiratory System.</b> }</p>	<p>Glossary (Circulatory and Respiratory system). Circulatory System (notes). The concept map. Blood and the heart. Respiratory System (notes). Breathing and gaseous exchange.</p>	<p>Different circulatory systems. Health issues related to circulatory system.</p>	
05 22 - 01 February/March	<p><i>Textbook: Theory Work Book Gr. 9</i> : <i>Spot On Grade 9</i> : <i>Doc Scientia Grade 9</i></p> <p><b>Musculoskeletal System.</b> <b>Excretory System.</b> <b>Nervous System.</b></p>	<p>Glossary (Musculoskeletal System) Musculoskeletal System (notes) Movement and motion Glossary (Excretion) Human excretion system (notes) Excretion Glossary (Nervous System) Sensitivity and Nervous System</p>	<p>Movement and motion</p> <p>Excretion. Sensitivity and Nervous system.</p>	
06 02 - 04 March/April	<p><i>Textbook: Theory Work Book Gr. 9</i> : <i>Spot On Grade 9</i> : <i>Doc Scientia Grade 9</i></p> <p><b>Reproductive System.</b> <b>Purpose of puberty.</b> <b>Reproductive organs.</b> <b>Stages of reproduction.</b></p>	<p>Glossary (Reproduction). Reproduction (notes). Male Reproductive system Reproductive system - Birth</p>	<p>Female Reproductive system.</p>	
07 - 18 March	<b>Standardised Tests</b>			