

## 18. Geography

### Revised National Teaching Plan

#### 2020 National Revised ATP: Grade 12– Term 1: Geography

TERM 1 (46 days)	Week 1 15 - 17 Jan (3 days)	Week 2 20 – 24 Jan (5 days)	Week 3 27 - 31 Jan (5 days)	Week 4 3 - 7 Feb (5 days)	Week 5 10 – 14 Feb (5 days)	Week 6 17 - 21 Feb (5 days)	Week 7 24 - 28 Feb (5 days)	Week 8 2 - 6 March (5 days)	Week 9 9 - 13 March (5 days)	Week 10 16 - 18 March (3 days)
CAPS Topics	Mid-latitude cyclones	Tropical Cyclones	Subtropical Anticyclones	Valley and urban climates	Drainage systems in SA	Fluvial Processes	Catchment /management	Mapwork techniques	Topographic maps	Assessment /consolidation
Concepts, skills and values	Cold, warm and occluded front, areas stages, characteristics, weather conditions, read of synoptic weather maps	Characteristics, areas, factors, stages, weather patterns, read of synoptic weather maps, impact, management	Location, characteristics, circulation and influence, Travelling disturbances: moisture front, line thunder-storms, coastal LP, SA Berg wind, weather maps	Aspect, anabatic and katabatic winds, inversions, frost pockets, radiation fog, influence on human activities(settlement/farming)	Drainage basin, catchment area, river system, watershed, tributary, river mouth, source, confluence, water table, surface run-off and groundwater, types of rivers, drainage patterns	Transverse longitudinal profile, fluvial landforms: meanders, oxbow lakes, braided streams, floodplain, natural levee, waterfall, rapids, delta. River grading, rejuvenation, river capture	Importance of managing drainage basins and catchment areas; impact of people on drainage basins and catchment areas. Case study of one catchment area management strategy in SA	Application to Climatology and Geomorphology	Contours & landforms, cross sections, direction, gradient, inter-visibility, grid reference	
Requisite pre-knowledge	Gr 11: High/Low pressures, and pressure belts. Weather changes during cold fronts	Gr 11: High/Low pressures, and pressure belts	Grade 11 content regarding HP, LP and pressure belts, global circulation	Knowledge of temperatures in valley/slopes and urban/rural	Grade 9 concepts and stages of rivers.	Concepts used in Grade 9. Where and why river flows at different velocities.	Management, changes and challenges of a local/nearby stream or river	Techniques and skills Grades 9-11	Techniques and skills Grades 9-11	
Resources (other than textbook) to enhance learning	Synoptic weather maps, windy tv, weather radar app on smartphones or tablets	Synoptic weather maps, windy tv, weather radar app on smartphones or tablets	Synoptic weather maps, windy tv, weather radar app on smartphones or tablets	Topographic maps, temperature data, video clips, google search(learners)	Topographic maps, video clips, photos, google search by learners.	Topographic maps, video clips, photos, google search by learners.	Topographic maps, video clips, photos, google search by learners, case studies	Topographic maps, orthophoto maps.	Topographic maps, orthophoto maps.	
Informal assessment Remediation	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks. Case studies tasks	Map work tasks. Old Paper 2 question papers.	Map work tasks. Old Paper 2 question papers.	
SBA (Formal Assessment)	Discuss <b>research task</b> and rubric with learners in week 1.			<b>TASK: Research Task:</b> Research activities	Preparation for <b>Task 1 &amp; Task 2.</b>			<b>TASK 1</b> Data Handling	<b>TASK 2</b> Test 1	

**2020 National Revised ATP: Grade 12– Term 2: Geography**

<b>TERM 2</b> <b>(39 days)</b>	<b>Week 1</b> <b>1–5 JUNE</b> <b>(5 days)</b>	<b>Week 2</b> <b>8 - 12 JUNE</b> <b>(5 days)</b>	<b>Week 3</b> <b>15 JUNE</b> <b>(4 days)</b>	<b>Week 4</b> <b>22 - 26 JUNE</b> <b>(5 days)</b>	<b>Week 5</b> <b>29 JUNE - 3 JULY</b> <b>(5 days)</b>	<b>Week 6</b> <b>6 - 10 JULY</b> <b>(5 days)</b>	<b>Week 7</b> <b>13 -17 JULY</b> <b>(5 days)</b>	<b>Week 8</b> <b>20-24 JULY</b> <b>(5 days)</b>
<b>CAPS Topics</b>	<b>Study of Settlements</b>	<b>Rural Settlements</b>	<b>Rural Settlement Issues</b>	<b>Urban Settlements and Hierarchies</b>	<b>Urban Structure &amp; Patterns</b>	<b>Urban Settlement/GIS Issues</b>	<b>Urban settlement Issues/Mapwork</b>	<b>Urban settlement Issues</b>
<b>Concepts, Skills and Values</b>	<p>Concept of settlement; site and situation; rural and urban settlements; and settlement classification according to size, complexity, pattern and function</p> <p>GIS Remote-sensing and resolution; Spatial/attribute data; vector/raster data; data standardisation</p>	<p>How site and situation affect the location of rural settlements; classification of rural settlements according to pattern and function; shapes of settlements: round, linear, T-shaped and cross-road; and land use in rural settlements</p> <p>GIS Data manipulation: data integration, buffering, querying and statistical</p>	<p>Rural-urban migration; causes and consequences of rural depopulation; case study that illustrates effects of rural depopulation and strategies to address them; and social justice issues in rural areas, such as access to resources and land reform.</p>	<p>Origin and development, urbanisation; site and situation (location); classification-function: central places, trade and transport, break of bulk points, specialised cities, junction towns gap towns.</p> <p>Concepts of urban hierarchy, central place, threshold population, sphere of influence, range; lower &amp; higher order functions and services; lower &amp; higher order centres.</p>	<p>Land use zones; Central business district, Rural –urban fringe, residential area, industrial zones, Transitional area concept of urban profile; factors influencing the Morphological structure of a city</p> <p>Street patterns, shape of the town/city.</p> <p>Topography/Ortho map</p> <p>Street patterns; Land use zones map interpretation</p>	<p>Models of urban structure, such as multiple-nuclei model, the modern American-western city, the Third World city and the South African city; and Changing urban patterns and land use in South African cities.</p> <p>GIS data sharing and data security; analysis; application of GIS developing a “paper GIS”</p>	<p>Recent urbanisation patterns in SA; urban issues: lack of planning, housing shortage, overcrowding, traffic congestion and service provision; informal settlements and</p> <p>Revision of all map skills and GIS Grades 12</p>	<p>Associated issues: case studies - world and SA; case studies that show how selected urban areas in SA are managing urban challenges, handling environmental, economic, and social justice concerns.</p>
<b>Requisite pre-knowledge</b>	<p>Grade 8 content as baseline knowledge.</p> <p>Land use in urban settlement, types of rural settlement, investigation of a settlement (project).</p> <p>Urbanisation. SA rural – urban migration (Grade 10) social issues.</p> <p>Learners’ knowledge and experiences of their own settlement and surroundings.</p>							
<b>Resources (other than textbook) to enhance learning</b>	<p>Topographic and orthophoto maps.</p> <p>Municipal maps and street maps of local area.</p> <p>Case studies, photographs, video clips, google search by learners. Google Earth. Statistics and graphs.</p>							
<b>Informal assessment Remediation</b>	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	Map work tasks. Old Paper 2 question papers.
<b>SBA (Formal Assessment)</b>	<b>TASK: Research Task</b> Research activities steps 5 and 6				Preparation for <b>Task 3</b> .		<b>TASK 3: MAP WORK</b>	

**\*\*NB map and photo interpretation must be integrated in all topics in rural and urban settlements**

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TERM 3 (21 days)	Week 1 3 - 7 Aug (5 days)	Week 2 10 - 14 Aug (5 days)	Week 3 17 - 21 Aug (4 days)	Week 4 24 - 28 Aug (5 days)	Week 5 31 Aug (2 days)		
<b>CAPS Topics</b>	<b>Structure of the Economy/GIS</b>	<b>Agriculture/Mining/GIS</b>	<b>Secondary/Tertiary sectors/MAP</b>	<b>SA Industrial regions/MAP</b>	<b>Informal Sector/MAP</b>	<b>TASK 5: TRIAL EXAMINATION</b> Marks: 225 Time: 3 hours Learners must answer any three questions.0	
<b>Concepts, Skills and Values</b>	Economic sectors; Contribution to the South African economy: value and employment; and use of statistical and graphical information. Role of small- and large-scale farmer, main products produced: home- and export market; favourable and unfavourable factors.	Contribution to economy; food security: importance; factors; significance of Agriculture/ Mining to the development of SA; factors that favours and hinder Agriculture/Mining in SA; and a case study of one of South Africa's main minerals, Food security and food insecurity	Contribution to the SA economy; types of industries, factors influencing industrial development in SA. Tertiary: International Trade. (Exam guidelines, not CAPS)	PWV (Gauteng), Durban-Pinetown, SW Cape and Port Elizabeth-Uitenhage (Nelson Mandela Metropole): factors influencing their location; main industrial activities. Industrial development IDZ (Saldanha bay) SDI (Platinum/Richards bay) Issues, centralisation/ Decentralisation.	Concept and characteristics of informal sector employment; reasons for high informal sector employment in SA. Challenges facing SA's informal sector. Case studies.	<b>PAPER 1</b>	
	GIS: Consolidation of GIS content and skills Grade12;	GIS: Consolidation of GIS content and skills Grade 12;	Map work: Consolidation of map skills Grades 12; map and photo interpretation; applying map-	Map work: Consolidation of map skills Grades 12; map and photo interpretation; applying map-	Map work: Consolidation of map skills Grades 12; map and photo interpretation; applying map-	<b>Section A</b> <b>Question 1 •</b> Short questions (15) Climate & weather (30) Geomorphology (30)	<b>Section B</b> <b>Question 3 •</b> Short questions (15) Settlement Geography (30) Economic Geography (30)
<b>Requisite pre-knowledge</b>	Definitions of primary, secondary, tertiary and quaternary sectors	Food resources and food security done in Grade 9	Map of SA. Location of industrial regions	Grade 11: Trade and development. International trade and world markets	Contact and knowledge of informal sector like street vendors.	<b>Question 2 •</b> Short questions (15) Climate & weather (30) Geomorphology (30)	<b>Question 4 •</b> Short questions (15) Settlement Geography (30) Economic Geography (30)
<b>Resources (other than textbook) to enhance learning</b>	Statistics, graphs	Statistics, graphs, case studies	Statistics, graphs, case studies	Statistics, graphs, case studies	Maps of SA showing location and factors influencing location. Graphs & statistics	<b>PAPER 2</b> <b>Marks: 75</b> <b>Time: 1½ hours</b> Learners must answer all 4 questions. <b>Question 1</b> Multiple choice questions (15 marks) <b>Question 2</b> Map calculations (20 marks) <b>Question 3</b> Analysis and interpretation of a topographic map and a photograph, and application of theory (25 marks) <b>Question 4</b> GIS (15 marks)	
						<b>Cognitive levels</b> Lower order – 25% Middle order-50%	

<b>Informal Assessment Remediation</b>	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	3 data response tasks.	Higher order-25%
<b>SBA (Formal Assessment)</b>	<b>Research Task:</b> Steps 7, 8 & 9		<b>TASK 4:</b> Step 10 Submit Research Task			

**2020 National Revised ATP: Grade 12– Term 4: Geography**

<b>TERM 4 20 days</b>	<b>1: 28 Sept-2 Oct (5 days)</b>	<b>2: 5-9 Oct</b>	<b>3.: 12-16 Oct</b>	<b>4: 19-23 Oct</b>	<b>26 October - 9 Dec 2020</b>
<b>CAPS topic</b>	Revision Climate & map work	Revision Geomorphology & map work	Revision Settlement & map work	Revision Econ Geography of SA & Map work	<b>FINAL NSC EXAMINATION</b>