basic education
Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

2023/24 ANNUAL TEACHING PLANS: GEOGRAPHY (INLAND): GRADE 11 (TERM 1 – THE ATMOSPHERE)

TERM 1	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
CAPS TOPICS	**Earth's energy balance**		**Global air circulation**		**Africa's weather and climate**		**Droughts and desertification**			**Consolidation and assessment**
TOPIC, CONCEPTS, SKILLS AND VALUES **GEOGRAPHICAL SKILLS AND TECHNIQUES**	Consolidation of Climatology from Grade 10 Unequal heating of the atmosphere: Latitudinal and seasonal **Mapwork skills** Oblique and vertical aerial photographs, orthophoto maps and 1:50 000 topographical map	Significance of the earth's axis and revolution around the sun Transfer of energy and energy balance **Mapwork skills** 1:50 000 map referencing system Direction: 16 cardinal points World map showing pressure belts and air circulation Map of monsoon winds	• Global air circulation- a response to unequal heating of the atmosphere • World pressure belts • Tri-cellular circulation • The relationships between air temperature, air pressure and wind **Mapwork skills** Consolidation of Grade 10 content Grid reference: Distance World map showing pressure belts and air circulation-	• Pressure gradient, Coriolis force and geostrophic flow • Winds related to global air circulation (westerlies, tropical easterlies and polar easterlies) • Air masses characteristics • Winds related to regional and local air movements • Monsoons and Föhn winds **Mapwork skills** True and magnetic bearing Map of the world showing climate regions and climate data Climate maps in atlases	• Subsidence and convergence: Link to rainfall • The role of oceans in climate control in Africa **Mapwork skills** Concept of GIS Applying concepts of remote sensing and how it works	El Niño and La Niña (basic knowledge – link to the weather conditions: Not for examination purposes) Reading and interpreting synoptic weather maps **Mapwork Skills** Cross-section	Causes of droughts Causes of desertification. **Mapwork skills** **GIS** Satellite images and application of GIS to climatology Maps showing the areas prone for droughts Map and maps with infographics regarding desertification	Effects of droughts and desertification on people and the environment Management strategies – case studies **Mapwork skills** **GIS** Spatial object, lines, points, nodes and scales Maps showing the areas prone for droughts Map and maps with infographics regarding desertification	
RESOURCES (OTHER THAN TEXTBOOK) **TO ENHANCE LEARNING**	Atlases and video clips	Atlases, synoptic weather maps, video clips, satellite images, topographical maps and orthophoto map		Atlases, video clips, newspaper articles, rainfall graphs: Google topographical maps, orthophoto map and satellite images	Atlases, video clips, newspaper articles, rainfall graphs, atlases, case studies on El Niño and La Niña, topographical maps, orthophoto map and satellite images		Atlases, topographic maps, orthophoto maps, oblique and vertical photographs, satellite image, video clips, newspaper articles, rainfall graphs, atlases and case studies			
INFORMAL ASSESSMENT (CONTENT & MAPWORK)	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities		Revision tasks	
SBA (FORMAL ASSESSMENT)							**TASK 1: MAPWORK (60)**		**TASK 2: CONTROLLED TEST (60)** **Preparation and discussion of research task and rubric with learners**	

2023/24 ANNUAL TEACHING PLANS: GEOGRAPHY (INLAND): GRADE 11 (TERM 2 – GEOMORPHOLOGY)

TERM 2	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
CAPS TOPICS	**Horizontally layered rocks**		**Inclined/tilted rock strata**	**Massive igneous rocks**		**Slopes**		**Mass movement**		**Consolidation, revision and assessment**
TOPIC, CONCEPTS, SKILLS AND VALUES GEOGRAPHICAL SKILLS AND TECHNIQUES	Characteristics and processes associated with the development of hilly landscapes and basaltic plateaux Concept of scarp retreat and back wasting **Topographic maps** • Consolidation of Grade 10 work • Map scale • Contours and landforms	Characteristics and processes canyon landscape and Karoo landscape **Topographic maps** • Cross-sections. • Vertical exaggeration • Gradient	Characteristics and processes associated with the development of a scarp slope, a dip slope, a cuesta, homoclinal ridge, hogsback, cuesta basin and cuesta dome **Topographic maps** • Contours and landforms • Cross-sections. • Vertical exaggeration • Gradient • Cross-sections (on 1:50 000 topographic maps)	Identification of batholiths, laccoliths, lopoliths dykes and sills **Topographic maps** • Gradient • Inter-visibility. • Vertical exaggeration	Characteristics and processes associated with the development of granite domes and tors **Topographic maps** • Contours and landforms • Cross-sections • Intervisibility	Overview of SA topography Types of slopes Slope elements: • Crest • Cliff (scarp slope, free face) • Talus (debris, scree slope) • Pediment **GIS** • Data • Spatial and spectral resolution • Different types of data: Line, point, area and attribute • Raster and vector data	Characteristics of the slope elements and the concept of slope retreat	Concept of mass movement Kinds of mass movement: • Soil creep • Solifluction • Landslide • Rock falls and mud flows • Slumps **GIS** Capturing different types of data from existing map on tracing paper	The impact of mass movements on people and the environment Strategies to prevent or minimise the effects of mass movement: South African case studies	
RESOURCES (OTHER THAN TEXTBOOK) **TO ENHANCE LEARNING**	Images of landscapes, topographical maps, orthophoto map and satellite images		Video clips, photographs, topographical maps and orthophoto map	Photographs, video clips, topographical maps and orthophoto map				Videos, pictures and news articles and case studies on mass movement, topographical maps and satellite images		
INFORMAL ASSESSMENT (CONTENT & MAPWORK)	Minimum of 6 data response tasks/activities (3 tasks per week)	Minimum of 3 data response tasks week/activities	Minimum of 3 data response task/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	
SBA (FORMAL ASSESSMENT)	Learners should be guided through the various steps of the research task NB: Integrate with the skills for fieldwork: For example, observation, collecting and recording data and processing, collating and presenting the findings			**TASK 3: Final submission of RESEARCH (100)**					**Task 4: MID-YEAR EXAM (150)**	

2023/24 ANNUAL TEACHING PLANS: GEOGRAPHY (INLAND): GRADE 11 (TERM 3 – DEVELOPMENT)

TERM 3	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEK 7	WEEK 8	WEEK 9	WEEK 10
CAPS TOPICS	**Development**		**Framework for development**		**Trade and development**		**Development issues and challenges**	**Role of development aid**		**Consolidation of assessment**
TOPIC, CONCEPTS, SKILLS AND VALUES **GEOGRAPHICAL SKILLS AND TECHNIQUES**	• Terminology associated with development • The concept of development • Developed, developing, MEDC's, LEDC's and industrial countries **Topographic Maps** Locating exact position: Degrees, minutes and seconds	The concept of economic, social, sustainable, appropriate scale and spatial aspects Economic, social and demographic indicators of development: GNP, GDP, HDI, GINI-coefficient, life expectancy and infant mortality Examples to illustrate differences in development from local, regional and global contexts **Topographic maps** Locating exact position: Degrees, minutes and seconds Relative position: Direction, true bearing, magnetic declination and magnetic bearing	Factors that affect development, including access to resources, energy, history, trade imbalances, population growth, education and training, natural resources limitations and environmental degradation **Topographic maps** • Scale • Distance • Calculating area	Note: Learners need to explore the complexity and interrelated nature of these factors Community-based development, including approaches to rural and urban development (case studies) **Topographic maps** • Scale • Distance • Calculating area	International trade and world markets Commodities traded and terms of trade Types of trading relationships **Using atlases** • Map index • Locating places on different maps: Degrees and minutes	The concept of globalisation and its impact on development Export-led development – critically examined with examples from around the world **Using atlases** Comparing information from different maps	The effect of development on the environment **Using atlases** • Map index • Locating places on different maps: Degrees and minutes	Concept of development aid and development co-operation Types of development: • Technical • Conditional • Humanitarian **Topographic maps** • Scale • Distance • Calculating area	Impact of aid on development (including case studies of development aid – positive and negative	
RESOURCES (OTHER THAN TEXTBOOK) **TO ENHANCE LEARNING**	Video clips, statistics and graphs regarding economic indicators, atlases, magazines, current economic issues (case studies), topographical maps, orthophoto map and satellite images									
INFORMAL ASSESSMENT (CONTENT & MAPWORK)	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 6 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	
SBA (FORMAL ASSESSMENT)									**TASK 5: CONTROLLED TEST (60)**	

2023/24 ANNUAL TEACHING PLANS: GEOGRAPHY (INLAND): GRADE 11 (TERM 4 – RESOURCES AND SUSTAINABILITY)

TERM 4	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5	WEEK 6	WEEKS 7 TO 10
CAPS TOPICS	**Soil and soil erosion**	**Conventional energy sources**	**Conventional energy sources**	**Non-conventional energy sources**	**Energy management in South Africa**	**All content**	**NOVEMBER EXAMINATION**
TOPIC, CONCEPTS, SKILLS AND VALUES **GEOGRAPHICAL SKILLS AND TECHNIQUES**	Causes of soil erosion: Human, animal, physical, and past and present Evidence of soil erosion in South Africa Effects of soil erosion on people and the environment Management strategies to prevent and control soil erosion **GIS** • Spatially referenced data • Spatial and spectral resolution • different types of data: Line, point and area	Maps and graphs to show thermal and hydro-energy production in South Africa Thermal electricity generation using coal – outline of principles and processes **GIS** Capturing different types of data from existing maps, photographs or other records on tracing paper	The impact of coal mining and thermal power stations – advantages and disadvantages SA's potential to meet long-term energy needs using conventional sources Case study of nuclear energy **GIS** • Contours and landforms • Cross section on 1:50 000 maps • Attribute, raster and vector data	Solar energy – examples from South Africa and the world Wind energy – examples from South Africa and the world The future of non-conventional energy in South Africa Possible effects of using more non-conventional energy on the South African economy and the environment **Topographic maps** • Vertical exaggeration • Intervisibility • Gradient	Energy management towards greener economies and sustainable lifestyles: Responsibilities of government, businesses and individuals **Topographic maps** • Vertical exaggeration • Intervisibility • Gradient	Consolidation and revision	**TASK 6: END-OF-YEAR EXAMINATION** **PAPER 1** **Mark allocation: 150 marks** **Time allocation: 3 hours** **Question 1** **The Atmosphere: 60 marks** • Short objective questions (15 marks) • Three questions of 15 marks each on the atmosphere NB: ONE paragraph question of 8 marks in any of the three sub-questions **Question 2** **Geomorphology: 60 marks** • Short objective questions (15 marks) • Three questions of 15 marks each on geomorphology NB: ONE paragraph question of 8 marks in any of the three sub-questions **Question 3** **Mapwork: 30 marks** • Map skills and calculations (10 marks) • Map interpretation (12 marks) • GIS (8 marks) **PAPER 2** **Mark allocation: 150 marks** **Time allocation: 3 hours** **Question 1** **(Development geography: 60 marks** • Short objective questions (15 marks) • Three questions of 15 marks each on development geography NB: ONE paragraph question of 8 marks in any of the three sub-questions **Question 2** **Resources and sustainability:** **60 marks** • Short objective questions (15 marks) • Three questions of 15 marks each on resources and sustainability in South Africa NB: ONE paragraph question of 8 marks in any of the three sub-questions **Question 3** **Mapwork: 30 marks** • Map skills and calculations (10 marks) • Map interpretation (12 marks) • GIS (8 marks) **Cognitive levels:** Lower order: 30% Middle order: 50% Higher order: 20%
RESOURCES (OTHER THAN TEXTBOOK) **TO ENHANCE LEARNING**	Video clips, case studies, newspaper articles, maps and graphs to show thermal and hydro-energy production in South Africa; video clips and photographs regarding energy sources, statistics and graphs showing use of non-conventional energy sources, e.g., 2529CC WITBANK (coal), maps showing thermal, hydro, and nuclear energy production in South Africa						
INFORMAL ASSESSMENT (CONTENT & MAPWORK)	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities.	Minimum of 3 data response tasks/activities	Minimum of 3 data response tasks/activities	