KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

2026 KZN OFFICIAL ATP: GRADE 10– TERM 1: GEOGRAPHY

TERM 1 53 Days	Week 1 14-16 Jan 2.9%	Week 2 19-23 Jan 5.7%	Week 3 26-30 Jan 8.6%	Week 4 2-6 Feb 11.4%	Week 5 9-13 Feb 14.3%	Week 6 16-20 Feb 17.1%	Week 7 23-27 Feb 20%	Week 8 2-6 March 22.9%	Week 9 9-13 March 25.7%	Week 10 16-20 March 28.6%	Week 11 23-27 March
CAPS Topics	**Consolidation of Grade 8 and 9 Map skills**		**Composition and structure of the atmosphere**	**Heating of the atmosphere**	**Heating of the atmosphere**	**Heating of the atmosphere**	**Moisture in the atmosphere**	**Moisture in the atmosphere**	**Reading and interpreting Synoptic Weather maps**	**Reading and interpreting synoptic Weather maps**	**Revision and assessment**
Concepts; Skills and Value	**1: 10 000 Orthophoto maps* Vertical aerial photographs** (Review Grade 8) - Orthophoto images made from aerial photographs - How height is shown on Orthophoto maps - Contour lines on Orthophoto maps – identifying features **• 1: 50 000 Topographic maps Read map symbols to identify**: natural features on topographic maps constructed features on topographic maps - Height clues on topographic maps - Contour patterns showing river valleys, hills, mountains, ridges and spurs – **Scale and measuring distance** on topographic maps - using line and ratio scales – **Co-ordinates to locate features** • Information from maps and photographs - Interpret information from topographic and **Orthophoto maps** and aerial photographs: describe landscape; identify land use; settlement patterns – identify shape, size, location. **Using atlases**		✓ Importance of the atmosphere ✓ Composition and structure of the atmosphere ✓ The ozone layer ✓ Causes and effects of ozone depletion ✓ Ways to reduce ozone **Topographic Maps** Locating exact position: degrees, minutes and seconds **Using atlases**	Processes associated with the heating of the atmosphere: ✓ Insolation ✓ Reflection ✓ Scattering ✓ Absorption ✓ Radiation ✓ Conduction and convection **Topographic Maps** Scales: ✓ Word ✓ Ratio ✓ Fraction ✓ line , **Using atlases NB. Fieldwork: Introduction of the concept.**	Factors that affect the temperature of different places around the world: ✓ Latitude ✓ Altitude ✓ Ocean currents, the ✓ Distance from oceans **Using atlases and Fieldwork** **Topographic Maps and orthophoto maps.** Map referencing on 1:50 000 SA map	The Greenhouse Effect: ✓ Impact on people and the environment Global warming: ✓Evidence ✓Causes ✓Consequences The impact of climate and climate change on Africa's environment and people: ✓Deserts ✓Droughts ✓Floods ✓Rising sea levels **Topographic Maps and orthophoto maps.** Conventional signs and map symbols	Water in the atmosphere in different forms: ✓ Water vapour ✓ Liquid Processes associated with: ✓ Evaporation ✓ condensation and ✓ precipitation Concepts of: ✓ dew point ✓ condensation level ✓ humidity ✓ relative humidity ✓ factors affecting relative humidity How and why clouds form. Cloud names and associated weather conditions. **Using atlases and Fieldwork**	Different forms of precipitation: ✓ hail ✓ snow ✓ rain ✓ dew and ✓ frost Mechanisation that produce different kinds of rainfall: ✓ relief ✓ convectional ✓ frontal, **Using atlases and Fieldwork** **Geographical Information Systems (GIS)** Concept of remote sensing	Weather elements: ✓ temperature ✓ dew-point temperature ✓ cloud cover ✓ wind direction ✓ wind speed ✓ atmospheric pressure Weather conditions: ✓ Rain ✓ Drizzle ✓ Thunderstorms ✓ Hail ✓ Snow **Focus on the use of Synoptic Weather Map** Reading and Interpreting Synoptic Weather Maps	Reading and Interpreting Synoptic Weather Maps: Types of precipitation: ✓ rain ✓ drizzle ✓ thunderstorms ✓ hail and ✓ snow, as illustrated on station models. **Topographic maps and orthophoto maps:** ✓ Compass direction ✓ True bearing	

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							\Geographical Information Systems (GIS) Concept of GIS; Components of GIS. Reasons for the development of GIS	How remote sensing works GIS concepts: spatial objects, lines, points, nodes and scales			
Requisite pre-knowledge			Grade 9 Natural Science: Structure and composition of the atmosphere.	Grade 8: World climate zones Greenhouse Effect.		Weather maps in newspapers and weather forecasts.					
Resources (other than textbook)	Topographic maps, Orthophoto maps, oblique and vertical photographs, satellite images.		Synoptic weather maps; video clips, climate maps in Atlas. Windy App; weather and radar			Video clips, newspaper articles, rainfall graphs	Video clips, newspaper articles, rainfall graphs, atlas. Case studies				
Map integration (Use maps available in your school)				Maps in Atlases showing temperature change statistics with regard to latitude, altitude, distance from the ocean and ocean currents. Examples of Topographic maps showing mountains for application of the influence of height on temperature: Synoptic weather maps:			Symbols representing precipitation, cloud types and different kinds of rainfall A variety of synoptic weather maps showing summer and winter conditions. Interpretation of weather stations.		Use of a variety of Synoptic weather maps throughout the lesson presentation		
Informal Assessment (content and 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	Minimum of 3 data response tasks/ activities	Minimum of 3 data response tasks/ activities	
SBA Formal Assessment									**TASK 1: MAPWORK (60)**	**TASK 2- CONTROLLED TEST (60)** **DISCUSS: ARGUMENTATIVE ESSAY TOPICS OF AND PROVIDE GUIDELINES ON COLLECTION OF DATA.**	

TERM 2 54 Days	Week 1 8-10 April 31.4%	Week 2 13-17 April 34.3%	Week 3 20-24 April 37.1%	Week 4 28-30 April 40%	Week 5 4-8 May 42.9%	Week 6 11-15 May 45.7%	Week 7 18-22 May 48.6%	Week 8 25-29 May 51.4%	Week 9 1-5 June 54.3%	Week 10 8-12 June 57.1%	Week 11 +12 17-26 June
CAPS Topics	**The structure of the Earth**	**Plate tectonics**		**Folding and faulting**		**Earthquakes**		**Volcanoes**	**JUNE EXAMINATION**		
Concepts; Skills and Value	The internal structure of the Earth. Classification of rocks: ✓ Igneous ✓ sedimentary, ✓ metamorphic. **Mapwork skills** Magnetic declination	Changes in the position of continents over time Evidence for the movement of continents over time; Plate tectonics–an explanation for the movement of continents The world's volcanic and earthquake zones. **Mapwork skills** Landforms and contours: ✓ Steep and gentle slopes ✓ Valley and ✓ Conical hills. World map showing location plates and plate boundaries (including folding and faulting		The process of rock folding The process of faulting Different types of faults. Landforms associated with faulting, **Mapwork skills** Simple cross-sections		How and where earthquakes occur Measuring and predicting earthquakes How earthquakes and tsunamis affect people and settlements – differences in vulnerability; **Mapwork skills** Distance: measuring distance on maps and converting to ground distance, straight line and curved . World maps showing the ring of fire and location of earthquakes	Strategies to reduce the impact of earthquakes; Case examples of the effects of selected earthquakes. **Mapwork skills** Photographs of landscapes Oblique and vertical aerial photos Orthophoto maps in conjunction with 1:50 000 maps and aerial photos	Types of volcanoes: ✓ Extrusive ✓ Intrusive ✓ Active ✓ Dormant and extinct Structure of volcanoes Impact of volcanoes on people and the environment: ✓ Positive ✓ Negative **Mapwork skills** Mapwork revision			
Requisite pre-knowledge	Grade 7: the structure of the Earth Grade 9: Natural Science The lithosphere; the rock cycle	Grade 7 Plate tectonics and introduction to folding and faulting				Grade 7-9 Local Aerial Maps Grade 7: Recent earthquakes and volcanic eruptions in news. .					
Resources (other than textbook) to enhance learning	Atlases, video clips, photographs, maps showing location, newspaper articles			Atlases, video clips, photographs, maps showing location, newspaper articles		Topographical maps, Orthophoto maps			Atlases showing Aerial photographs		
Informal Assessment (content and 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	Minimum of 3 data response tasks/ activities	Minimum of 3 data response tasks/ activities	
SBA (Formal Assessment)	**TASK 3: ESSAY Issued in the First Term (7 WEEKS) Learners to be guided on the step by step process of writing an argumentative essay and to be checked continuously.**							**Submission and recording of argumentative essay issued in term one**			**TASK 4: JUNE EXAMS (150)**

TERM 3 46 Days	Week 1 21-24 July 60%	Week 2 27-31 July 62.9%	Week 3 3-7 Aug 65.7%	Week 4 11-14 Aug 68.6%	Week 5 17-21 Aug 71.4%	Week 6 24-28 Aug 74.3%	Week 7 31 Aug-4 Sep 77.1%	Week 8 7-11 Sep 85.7%	Week 9 14-18 Sep	Week 10 21-25 Sep
CAPS Topics	**Population distribution and density**		**Population structure**		**Population growth**	**Population movements**	**Population movements**	**Population movements**	**REVISION AND COMPLETION OF TEST 2**	
Concepts; Skills and Values	Meaning of population distribution and population density. **Map skills and GIS.** Maps showing distribution of population in	Factors that affect distribution and density of the world's population **Atlases:** Factors that affect population density. **Map skills** Identification of low- and high-density areas on a topographical map.	Population indicators: ✓ Birth rates ✓ Death rates ✓ Life expectancy ✓ Fertility rate ✓ Natural increase Factors that influence population indicators. Population structure– age and sex, gender represented as population pyramids **Map skills and GIS** Components of GIS. Concept of remote sensing		World Population growth over time Concept of overpopulation; Managing population growth **Map skills and GIS.** Identification of features on a topographical map and orthophoto maps. Maps with info graphics showing population growth over time.	Kinds of population movement: ✓ International migration ✓ Emigration ✓ Immigration Regional migration: ✓ Rural-urban migration ✓ Urbanisation ✓ Voluntary and forced migration **Map skills** Revision	Causes and effects of population movements. Temporary and permanent: ✓ Migrant labour ✓ Economic migrants ✓ Political migrants ✓ refugees **Map skills and GIS** Satellite images that are related to population topics.	Attitudes to migrants and refugees. **Map skills revision 1: 10 000 Orthophoto maps*** ✓ **Vertical aerial photographs** Orthophoto images made from aerial photographs ✓ How height is shown on Orthophoto maps ✓ Contour lines on Orthophoto maps – identifying features		
Requisite pre-knowledge	Grade 7– Population indices, birth, death, growth rates, and factors influencing these. World population growth								Knowledge from news, magazines	
Resources	Video clips, statistics and graphs, case studies, Atlases, magazines. Google maps and ***sagta.org.za*** Maps (A3 Digital Maps Topographic maps and Orthophoto maps)									
Informal Assessment (content and 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	Minimum of 3 data response tasks/ activities	Minimum of 3 data response tasks/ activities
SBA (Formal Assessment)	**CONTINUOUS PREPARATION AND REVISION FOR CONTROLLED TEST**									**TASK 5: CONTROLLED TEST (60)**

TERM 4 47 Days	Week 1 6-9 Okt 88.6%	Week 2 12-16 Okt 91.4%	Week 3 19-23 Okt 94.3%	Week 4 26-30 Okt 97.1%	Week 5 2-6 Nov 100%	Week 6-10 9 Nov-9 Dec
CAPS Topics	**Water management in South Africa**		**Water management in South Africa**	**Floods**	**REVISION**	
Concepts; Skills and Values	Rivers, lakes and dams in South Africa Factors influencing the availability of water in SA **Mapwork Skills Atlases** Map showing % water and % land in the world.	Challenges of providing free basic water to rural and urban communities in SA Role of government: ✓ Initiatives towards securing water ✓ Inter-basin transfers ✓ building dams **Mapwork Skills Revision:** ✓ Exact location ✓ Scales ✓ Map reference	Role of municipalities: ✓ Provision and water purification Strategies towards sustainable use of water– role of government and individuals **Mapwork Skills** Geographical Information Systems (GIS) - revision GIS concepts: spatial objects, lines, points, nodes and scales.	Causes of flooding: ✓ Physical and ✓ Human Characteristics of floods: ✓ Analysis and interpretation of flood hydrographs (Not for exam purposes) Managing flooding in urban, rural and informal settlement areas Case study of a flood in South Africa **Mapwork Skills Revision:** ✓ Distance ✓ Magnetic declination ✓ Magnetic bearing		**PAPER 1** **Marks: 150** **Time: 3 Hours** Question 1 (The Atmosphere) 60 Marks Short objective questions (15 marks) 3 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) 3 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: 150** **Time: 3 Hours** Question 1 (Population) 60 Marks Short objective questions (15 marks) 3 questions of 15 marks each on Population Geography NB. ONE paragraph question of 8 marks in any of the three sub-questions Question 2 (Water resources) 60 Marks Short objective questions (15 marks) 3 questions of 15 marks each on Water resources of 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 (10marks) Map interpretation (12 marks) GIS (8 marks)
Requisite pre-knowledge	**Grade 4 - 7**: Water in South Africa Knowledge of recent drought and possibilities of water shortages in some areas of South Africa			Grade 7: Flooding		**Cognitive levels** Lower order 40% Middle order-40% Higher order-20%
Resources (other than textbook) to Enhance learning	Atlases, video clips, maps, newspaper articles			Atlases, video clips, hydrographs, photographs, statistics and graphs		
Informal Assessment (content and 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	
SBA (Formal Assessment)	**PREPARATION AND REVISION FOR CONTROLLED TEST**					**FINAL EXAMINATION**

Programme of Assessment: Grade 10

Grade 10

Term	Assessment no	Type of Assessment	Raw Mark	Term Weighting	SBA Weighting
1	1	Mapwork	60	40%	**20**
	2	Controlled Test	60	60%	**20**
2	3	Essay	100	40%	**20**
	4	June Exams	150	60%	**20**
3	5	Controlled Test	60	100%	**20**
				SBA Mark	**100 (40%)**
4	6	End-of-year examinations (Paper 1 and 2)			**300 (60%)**