

GEOGRAPHY SCHEMES OF WORK

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ADM:19912

COMB : GMA

SUBJECT: GEOGRAPHY

TERM : 2

ROLL:

YEAR : 2024

DATE/WEEK	LESSON NO.	TOPIC	SUBTOPIC	CONTENT	OBJECTIVES	T/LACTIVITIES	T/L RESOURCES	REFERENCES	REMARKS
13/05/2024	1	WEATHER	(a)definition (b)elements of weather	What is weather? Temperature humidity	By the end of the lesson the learner should be able to: i. Define the term weather ii. State the elements of weather	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>learner :</u> Answering questions Taking notes Discussion	Textbooks Black board Pen and notebook	Secondary Geography by KLB Bk 1 pg.24-26 Certificate Geography by Oxford Bk 1	
	2	WEATHER	(a)Elements of weather	Precipitation : Dew Frost Mist and fog Rainfall: ❖ Relief ❖ Convictional ❖ cyclonic	By the end of the lesson the learner should be able to: i. State the elements of weather	<u>Teacher activities</u> displaying charts with different types of rainfall asking questions writing key points Explaining content <u>Leaner activities</u> Observing the chart Taking key points Answering questions	Textbooks charts blackboard Pen and notebooks	Secondary Geography by KLB Bk 1 pg.41-42 certificate Geography by oxford Bk1	

	3	WEATHER		Air pressure Wind Sunshine Cloud cover	By the end of the lesson the learner should be able to: i. State the elements of weather	<u>Teacher activities</u> Displaying charts Asking questions Writing key points <u>Learner activities</u> Observing chart Answering questions Taking notes	Textbooks Blackboard Charts	Secondary Geography by KLB bk 1 Pg29-31 Certificate Geography by oxford Bk1	
20/05/2024	21	WEATHER	(a) a weather station (b) Factors for siting a weather station © Instruments for measuring elements of weather	What is a weather station? Thermometer Rain gauge Hygrometer Barometer Windvane Anemometer Sunshine	By the end of the lesson the learner should be able to: i. Define a weather station ii. Explain the condition necessary for siting a weather station iii. Use instruments to measure elements of weather	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>learner activities</u> Answering questions Taking notes Discussion	Textbooks Blackboard Pen and notebook	Secondary Geography by KLB Bk 1 pg32-40 Certificate Geography by Oxford Bk 1	

2	WEATHER	<p>(a)The atmosphere</p> <p>(b)structure of the atmosphere</p> <p>©Composition of the atmosphere</p>	<p>What is the atmosphere</p> <p>Troposphere</p> <p>Stratosphere</p> <p>Mesosphere</p> <p>Troposphere</p> <p>Nitrogen</p> <p>Oxygen</p> <p>Carbon</p> <p>Water vapour</p> <p>argon</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Define the term atmosphere</p> <p>ii. Describe the structure and composition of the atmosphere.</p>	<p><u>Teacher activities:</u></p> <p>Writing key points</p> <p>Asking questions</p> <p>Displaying chart</p> <p><u>Learner activities:</u></p> <p>observing chart</p> <p>Answering questions</p> <p>Taking notes</p> <p>Discussion</p>	<p>Textbooks</p> <p>Black board</p> <p>Pen and notebook</p> <p>chart</p>	<p>Secondary Geography by KLB bk 1 Pg41-42</p> <p>Certificate Geography by oxford Bk1</p>	
3	WEATHER	<p>(a)weather forecasting</p> <p>(b)methods of weather forecasting</p> <p>(c)Factors influencing</p>	<p>What is weather forecasting</p> <p>Ancient methods</p> <p>Weather lore</p> <p>Modern methods</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Define weather forecasting</p> <p>ii. Explain the method of weather forecasting</p> <p>iii. Explain factors influencing weather</p>	<p><u>Teacher activities:</u></p> <p>Writing key points</p> <p>Asking questions</p> <p>Explaining content</p> <p><u>learner activities</u></p> <p>Answering questions</p> <p>Taking notes</p> <p>Discussion</p>	<p>Textbooks</p> <p>Black board</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB bk 1 Pg43-46</p> <p>Certificate Geography by oxford Bk1</p>	

			weather						
3	1	STATISTICAL METHODS	(a) Definition (b) Types and source of statistical data	What is statistics, statistical data and statistical methods Primary sources secondary sources	By the end of the lesson the learner should be able to: i. Define the term statistics ii. Identify types and sources of statistical data	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>learner activities</u> Answering questions Taking notes Discussion	Textbook Pen and notebook Chalkboard	Secondary Geography by KLB Bk 1 Pg49-50 Certificate Geography by oxford Bk1	
	2	STATISTICAL METHODS	(a) Methods of collecting data	Questionnaire Interview Observation Sampling taking measurement experimentation extracting from secondary sources	By the end of the lesson the learner should be able to: i. Identify and describe methods of collecting data	<u>Teacher activities</u> Displaying chart Writing key points Asking questions Explaining content <u>Leaner activities</u> observing chart Answering questions Taking notes	Textbooks Chart Chalkboard Pen and notebook	Secondary Geography by KLB bk 1 pg51-54 Certificate Geography by oxford Bk1	

	3	STATISTICAL METHODS	(a) methods of recording statistical data	Field sketching Tallying Tabulation Taking photograph Tape-recording Note-taking Mapping Labeling of samples Filling in the questionnaires	By the end of the lesson the learner should be able to: i. Identify and describe methods of recording data	<u>Teacher activities:</u> Displaying chart Writing key points Asking questions Explaining content <u>Learner activities</u> observing chart Answering questions Taking notes Discussion	Textbook Pen and notebook Chart Chalk board	Secondary Geography by KLB bk 1 Pg55-57 Certificate Geography by oxford Bk1	
4	1	STATISTICAL METHODS	(a) Analysis of data (b) statistical presentation of data	Calculation of percentage Measure of central tendencies Measure of dispersion Graph: simple line graph	By the end of the lesson the learner should be able to: i. Analyse and present statistical data using appropriate graphical method State the advantages and disadvantages of each method of data presentation	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities:</u> Answering questions Taking notes Discussion	Textbook Pen and notebook Chalk board	Secondary Geography by KLB Bk 1 Pg57-60 Certificate Geography by oxford Bk1	

	2	STATISTICAL METHODS	(a) statistical presentation of data	Graphs: simple bar graph	<p>By the end of the lesson the learner should be able to:</p> <ol style="list-style-type: none"> present statistical data using appropriate graphical methods State the advantages and disadvantages of each method of data presentation 	<p><u>Teacher activities:</u></p> <p>Writing key points</p> <p>Asking questions</p> <p>Explaining content</p> <p><u>learner activities:</u></p> <p>Answering questions</p> <p>Taking notes</p> <p>Discussion</p>	<p>Textbook</p> <p>Meter rule</p> <p>Pen and notebook</p> <p>Grid square board</p> <p>Chalk board</p>	<p>Secondary Geography by KLB bk 1 Pg62</p> <p>Certificate Geography by oxford Bk1</p>	
	3	STATISTICAL METHODS	(a) statistical presentation of data	Graphs : combined line and bar graph	<p>By the end of the lesson the learner should be able to:</p> <ol style="list-style-type: none"> present statistical data using appropriate graphical methods State the advantages and disadvantages of each method of data presentation 	<p><u>Teacher activities:</u></p> <p>Writing key points</p> <p>Asking questions</p> <p>Explaining content</p> <p><u>Leaner activities:</u></p> <p>Answering questions</p> <p>Taking notes</p> <p>Discussion</p>	<p>Textbook</p> <p>Pen and notebook</p> <p>Grid square board</p> <p>Meter rule</p> <p>Chalk board</p>	<p>Secondary Geography Bk 1 Pg63</p> <p>Certificate Geography by oxford Bk1</p>	

5	1	STATISTICAL METHODS	(a) statistical presentation of data	Windrose	By the end of the lesson the learner should be able to: <ul style="list-style-type: none"> i. present statistical data using appropriate graphical method ii. State the advantages and disadvantages of each method of data presentation 	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities:</u> Answering questions Taking notes Discussion	Textbooks Meter rule Black board Grid square Pen and notebook	Secondary Geography by KLB bk 1 Pg64-65 Certificate Geography by oxford Bk1	
	2	MAP AND MAPWORK	(a) definition (b) Types of maps	What is a picture? Topographical maps Atlas map Sketch map	By the end of the lesson the learner should be able to: <ul style="list-style-type: none"> i. Define a picture, plan and maps ii. Explain the relationship between pictures, plans and maps iii. Identify types of maps and their uses 	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities:</u> Answering questions Taking notes Discussion	Textbooks Photographs Maps Black board Pen and notebook	Secondary Geography by KLB bk 1 Pg66-69 Certificate Geography by oxford Bk1	

6	3	MAP AND MAPWORK	(a)Types of marginal information	Map series Sheet name and title Sheet index number Grid systems Latitude and longitude Compass direction Magnetic variation Key Edition , Publisher and copyright	By the end of the lesson the learner should be able to: i. Identify and use marginal information on maps	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities</u> Answering questions Taking notes Discussion	Topographical maps Text book Black board Pen and notebook	Secondary Geography by KLB bk 1 Pg71-73 Certificate Geography by oxford Bk1	
	1	MAP AND MAPWORK	(a)Definition (b)Types of scale ©Sizes of scales	What is a scale? Statement scale Representative Fraction(RF) Linear scale Small scale Large scale Medium scale	By the end of the lesson the learner should be able to: i. Identify types and uses of scale	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities</u> Answering questions Taking notes Discussion	Textbooks Black board Pen and notebook	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	

	2	MAP AND MAPWORK	(a) Measuring distances on maps	Measuring distances along a straight line Determine distance along a curved line	By the end of the lesson the learner should be able to: i. Determine distances using scales	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities</u> Answering questions Taking notes Discussion	Strings dividers Sheet of paper Textbooks blackboard	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	
	3	MAP AND MAPWORK	(a) Finding areas of regular and irregular shapes	Regular: Squares Triangles Circles rectangles	By the end of the lesson the learner should be able to: i. Calculate areas of regular and irregular shapes.	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities</u> Answering questions Taking notes Discussion	Grid square (from square book) Strips Textbooks Black board Pen and notebook	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	

7	1	FIELD WORK	(a)definition (b)Types of fieldwork	Definition Types of fieldwork	By the end of the lesson the learner should be able to: i. Define field work ii. state different types of field work	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities</u> Answering questions Taking notes	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate Geography by oxford BK 1	
	2	FIELDWO RK	Importan ce of fieldwork	Breaks the class monotony Enables learner to develop practical skills Enables learners to manage time	By the end of the lesson the learner should be able to: i. Explain the importance of fieldwork	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities</u> Answering questions Taking notes	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate Geography by oxford BK 1	
	3	FIELDWO RK	Fieldwor k procedur e	Identify topic of study Statement of objectives Formulation of hypothesis	By the end of the lesson the learner should be able to: i. Explain the procedure to be followed during fieldwork	<u>Teacher activities:</u> Writing key points Asking questions Explaining content	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate	

						<u>Leaner activities</u> Answering questions Taking notes		Geography by oxford	
8	1	FIELDWORK	Field work procedure	Preparation of the topic of study Conduct the actual study	By the end of the lesson the learner should be able to: i. Explain the procedure followed during field work	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities:</u> Answering questions Taking notes	Textbooks Black board Pen and notebook	Secondary Geography by KLB Bk 1 Certificate Geography by oxford	
	2	FIELDWORK	Problems likely to be encountered during fieldwork	Language barrier Hostile environment	By the end of the lesson the learner should be able to: i. Identify possible problems encountered during fieldwork	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Leaner activities</u> Answering questions Taking notes	Textbooks Black board Pen and notebook	Secondary Geography by KLB bk 1 Certificate Geography by oxford	
	3	FIELDWORK	fieldwork within the local environment	St john farm	By the end of the lesson the learner should be able to: i. Carry out fieldwork within the local environment	<u>Teacher activities:</u> Asking questions Explaining content <u>Leaner activities</u> Answering questions Observing the farm Taking notes	Pen and notebook	Secondary Geography by KLB Bk 1 Certificate Geography by oxford	

