

GEOGRAPHY SCHEMES OF WORK

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NAME OF THE SCHOOL: ST JOHN THUNGURI

ADM: 19912

COMB: GMA

SUBJECT: GEOGRAPHY

TERM: 2

ROLL: 8

YEAR : 2024

WEEK DATE	LESSON NO	TOPIC	SUB- TOPIC	context	OBJECTIVES	T/L ACTIVITIES	T/L RESOURCES	REFERENCE S	RE MARKS
1 13 TH -17 TH	1	OPENING WEEK AND REVISION OF END TERM EXAM							
2 20 TH -24 TH May 2024	1	WEATHER	(a) Definition on weather. (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 • Convectional • 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>Learner activities</u> Observing the chart. Taking key points questions Answering	Textbook charts blackboard Pen and notebook	Secondary Geography by KLB Bk 1 pg.41-42 certificate Geography by oxford Bk1	
	3	WEATHER	(a) Elements of 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	Textbooks Blackboard Charts	Secondary Geography by KLB BK 1 Pg29-31 Certificate	

						Answering questions Taking notes		Geography by oxford Bk1		
3 27 th - 31st May 2024	1	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 Wind vane Anemometer sunshine	By the end of the lesson the learner should be able to: i. Define a weather a station ii. Explain the condition necessary for siting a weather station Use instruments to measure elements of weather.	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>leaner activities</u> Answering questions Taking notes Discussion	Textbook Blackboard Pen and notebook ok	Secondary Geography by KLB Bk 1 pg32-40 Certificate Geography by Oxford Bk 1		
	2	WEATHER	(a)The atmosphere (b)structure of the atmosphere ©Composition of the atmosphere	What is the atmosphere Troposphere Stratosphere Mesosphere Troposphere Nitrogen Oxygen Carbon Water vapor argon	By the end of the lesson the learner should be able to: i. Define the term atmosphere Describe the structure and composition of the atmosphere.	<u>Teacher activities:</u> Writing key points Asking questions Displaying chart <u>Leaner activities:</u> observing chart Answering questions Taking notes Discussion	Textbooks Black board Pen and notebook chart	Secondary Geography by KLB bk 1 Pg41-42 Certificate Geography by oxford Bk 1		
	3	OPENER EXAMS								

4	1	WEATHER	(a)weather forecasting (b)methods of weather forecasting (c)Factors influencing	What is weather forecasting	By the end of the lesson the learner should be able to: i. Define weather forecasting ii. Explain the method of weather forecasting iii. Explain factors influencing weather	<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 Pg43-46 Certificate Geography by oxford Bk1 1	
				Ancient methods					
				Weather lore					
				Modern methods					
	2	STATISTICAL METHODS	(a)Definition (b)Types and sources of statistical data	What is statistics ,statistical data and statistical methods	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>leaner 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	
				Primary sources					
				secondary sources					
	3	STATISTICAL METHODS	(a)Methods of collecting data.	Questionnaire	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	Textbooks Chart Chalkboard Pen and notebook	Secondary Geography by KLB bk 1 pg51-54 Certificate oxford Bk1 Geography by	
				Interview Observation					
				Sampling					
				Taking measurement					

				experimentation extracting from secondary sources		<u>Learner activities</u> observing chart Answering questions Taking notes			
5 10 th - 14 th June	1	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 board Chalk	Secondary Geography by KLB bk 1 Pg55-57 Certificate oxford Bk1 Geography by	
	2	STATISTICAL METHODS	(a)Analysis of data (b)statistical presentation of data	Calculation of percentage Measure of central tendencies Measure of dispersion Graph:	By the end of the lesson the learner should be able to: i. Analyze and present statistical data using appropriate graphical method	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>Learner activities:</u> Answering questions Taking notes	Textbook Pen and notebook Chalk board	Secondary Geography by KLB Bk 1 Pg57-60 Certificate Geography by oxford Bk1	

				simple line graph	ii. State the advantages and disadvantages of each method of presentation data	Discussion			
	3	STATISTICAL METHODS	(a)statistical presentation of data	Graphs: simple bar graph	By the end of the lesson the learner should be able to: i. Present statistical data using appropriate graphical methods. ii. State the advantages and disadvantages of each method of data presentation	<u>Teacher activities:</u> Writing key points Asking questions Explaining content <u>leaner activities:</u> Answering questions Taking notes Discussion	Textbook Meter rule Pen and notebook Grid square board Chalk board	Secondary Geography by KLB BK 1 Pg62 Certificate Geography by oxford Bk1	
6 17 th – 21 st June 2024	1-3	MID TERM EXAM AND MID TERM BREAK							
7 24 th – 28 th June 2024	1	STATISTICAL METHODS	(a)statistical presentation of data	Graphs : combined line and bar graph	By the end of the lesson the learner should be able to: i. Present statistical data	<u>Teacher activities:</u> Writing key points Asking questions Explaining content	Textbook Pen and notebook Grid square board	Secondary Geography Bk 1 Pg63 Certificate oxford Bk1	

					<p>using appropriate graphical methods</p> <p>ii. State the advantages and disadvantages of each method of data presentation.</p>	<p><u>Learner activities:</u></p> <p>Answering questions</p> <p>Taking notes</p> <p>Discussion</p>	<p>Meter rule</p> <p>Chalk board</p>	Geography by	
	2	STATISTICAL METHODS	(a)statistical Presentation of data.	Wind rose	<p>By the end of the lesson the learner should be able to:</p> <p>i. Present statistical data using appropriate graphical method.</p> <p>ii. State the advantages and disadvantages of each method of data presentation</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>Meter rule</p> <p>Black board</p> <p>Grid square</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB BK 1 Pg64-65</p> <p>Certificate Geography by oxford Bk1</p>	
	3	MAP AND MAPWORK	<p>(a)definition</p> <p>(b)Types of maps</p>	<p>What is a picture?</p> <p>Topographical maps</p> <p>Atlas map</p> <p>Sketch map</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Define a picture ,plan and maps</p> <p>ii. Explain the relationship</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>Textbooks</p> <p>Photographs</p> <p>Maps</p> <p>Black board</p>	<p>Secondary Geography by KLB bk 1 Pg66-69</p> <p>Certificate</p>	

					<p>between pictures, plans and maps</p> <p>iii. Identify types of maps and their uses</p>	<p>Taking notes</p> <p>Discussion</p>	Pen and notebook	Geography by oxford Bk1	
<p>8</p> <p>1st – 5th July 2024</p>	1	MAP AND MAPWORK	(a)Types of marginal information	<p>Map series</p> <p>Sheet name and title</p> <p>Sheet index number</p> <p>Grid systems</p> <p>Latitude and longitude</p> <p>Compass direction</p> <p>Magnetic variation</p> <p>Key</p> <p>Edition , Publisher and copyright</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Identify and use marginal information on maps</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>Topographical maps</p> <p>Text book</p> <p>Black board</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB BK 1 Pg71-73</p> <p>Certificate Geography by oxford Bk1</p>	
	2	MAP AND MAPWORK	<p>(a)Definition</p> <p>(b)Types of scale</p> <p>©Sizes of scales</p>	<p>What is a scale?</p> <p>Statement scale</p> <p>Representative Fraction(RF)</p> <p>Linear scale</p> <p>Small scale</p> <p>Large scale</p> <p>Medium scale</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Identify types and uses of scale</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</p> <p>Certificate Geogray by oxford Bk1</p>	

	3	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	
9 8 th – 12 th July 2024	1	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: 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	
	2	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>Learner activities</u> Answering questions Taking notes	Textbooks Black board Pen and notebook	Secondary Geography by KLB Bk 1 Certificate Geography by oxford BK 1	

	3	FIELD WORK	Importance of fieldwork	<p>Breaks the class monotony</p> <p>Enables learner to develop practical skills</p> <p>Enables learners to manage time</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Explain the of fieldwork importance</p>	<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>Textbook s</p> <p>Black board</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB Bk 1</p> <p>Certificate Geography by oxford BK 1</p>	
10 15 th – 19 th July	1	FIELD WORK	Fieldwork procedure	<p>Identify topic of study</p> <p>Statement of objectives</p> <p>Formulation of hypothesis</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Explain the procedur e to be followed during fieldwor k</p>	<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>Textbook s</p> <p>Black board</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB Bk 1</p> <p>Certificate Geography by oxford BK 1</p>	
	2	FIELD WORK	Field work procedure	<p>Preparation of the topic of study</p> <p>Conduct the actual study</p>	<p>By the end of the lesson the learner should be able to:</p> <p>i. Explain the procedur e followed work during field</p>	<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>Textbook s</p> <p>Black board</p> <p>Pen and notebook</p>	<p>Secondary Geography by KLB Bk 1</p> <p>Certificate Geography by oxford BK 1</p>	
	3	FIELD WORK	Problems likely to be encountered during fieldwork	<p>Language barrier</p> <p>Hostile</p>	<p>By the end of the lesson the learner should be able to:</p>	<p><u>Teacher activities:</u></p> <p>Writing key points</p> <p>Asking questions</p>	<p>Textbook s</p>	<p>Secondary Geography by KLB Bk 1</p>	

				environmen t	i. Identify possible problems encountered fieldwork during	Explaining content <u>Learner activities</u> Answering questions Taking notes	Black board Pen and notebook	Certificate Geography by oxford BK 1	
11 22 nd – 26 th July 2024	1	FIELD WORK	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 BK 1	
11 22 nd – 26 th July 2024	2-3	END TERM II EXAMS							
12 29 th _2 nd August 2024	1-3	END TERM II EXAMS							