GEOGRAPHY SCHEMES OF WORK

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NAME OF THE SCHOOL: ST JOHN	THUNGURI
ADM:19912	COMB : GMA
SUBJECT: GEOGRAPHY	
TERM: 2	
ROLL:	

YEAR: 2024

DATE/WEE	LESSON	TOPIC	SUBTOPIC	CONTENT	OBJECTIVES	T/LACTIVITIES	T/L	REFERENCES	REM
K	NO.						RESOUR CES		ARKS
							CES		
13/05/202	1	WEATHER	(a)definiti	What is	By the end of the lesson	Teacher activities:	Textboo	Secondary	
4	1		on	weather?	the learner should be able to:	Writing key points	ks	Geography by KLB Bk 1 pg.24-	
			(b)elemen	Temperature	abic to:	writing key points	Black	26	
			ts of		i. Define	Asking questions	board		
			weather	humidity	the term weather	Explaining content			
1						Explaining content	Pen and notebo		
					ii. State the elements		ok	Certificate	
					of	<u>leaner :</u>		Geography by	
					weather			Oxford Bk 1	
						Answering questions			
						Taking notes			
						Discussion			
		WEATHER	(a)Eleme	Precipitation	By the end of the	Teacher activities	Textboo	Secondary	
	2		nts of	:	lesson the leaner		ks	Geography by	
			weather	Dew	should be able to:	displaying charts with different	charts	KLB Bk 1 pg.41-42	
					i. State	types of rainfall		P8 = . =	
				Frost	the		blackbo		
				Mist and fog	element s of	asking questions	ard		
				IVIIST ATTA TOB	weather	writing key points	Pen and		
				Rainfall:			notebo		
				❖ Reli		Explaining content	oks	certificate	
				Reli ef		<u>Leaner activities</u>		Geography by	
								oxford Bk1	
						Observing the chart			
				❖ Con		Cildit			
				vec		Taking key points			
				tion		A			
				al		Answering questions			
						1,200.000			
				⋄ cvcl					
				cycl oni					
				С					
]				<u> </u>		

	3	WEATHER		Air pressure Wind Sunshine Cloud cover	By the end of the lesson the leaner should be able to i. State the element weather	Displaying charts Asking questions ts of	Textboo ks Blackbo ard	Secondary Geography by KLB bk 1 Pg29-31 Certificate Geography by	
						Observing chart Answering questions Taking notes	Charts	oxford Bk1	
20/05/20 24	1	WEATHER	(a)a weather station (b)Factor s for siting a weather station	What is a weather station?	By the end of the lesson the leaner should be able to i. Define a weather station	Writing key points Asking questions	Textboo ks Blackbo ard Pen and notebo ok	Secondary Geography by KLB Bk 1 pg32- 40	
2	1		©Instruments for measuring elements of weather	er Raingauge Hygrometer Barometer Windvane Anenometer	ii. Explain condition necessa for siting weather station iii. Use instrum to meas element	Answering questions ry g a Taking notes Discussion ents sure		Certificate Geography by Oxford Bk 1	
				sunshine	weathe				

2	WEATHER (a)The atmosph ere (b)struct ure of the atmosph ere ©Compo sition of the atmosph ere	What is the atmosphere Troposphere Stratosphere Mesosphere Troposphere Nitrogen Oxygen Carbon Water vapour argon	By the end of the lesson the learner should be able to: i. Define the term atmosphere ii. Describe the structure and composition of the atmosphere.	Teacher activities: Writing key points Asking questions Displaying chart Leaner activities: observing chart Answering questions Taking notes Discussion	Textboo ks Black board Pen and notebo ok chart	Secondary Geography by KLB bk 1 Pg41-42 Certificate Geography by oxford Bk1	
3	WEATHER (a)weath er forecasting (b)methods of weather forecasting (c)Factor s influencing	What is weather forecasting Ancient methods Weather lore Modern methods	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	Teacher activities: Writing key points Asking questions Explaining content leaner activities Answering questions Taking notes Discussion	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB bk 1 Pg43-46 Certificate Geography by oxford Bk1	

		weather						
3	AL METHODS	(a)Definit ion (b)Types and source sof 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	Teacher activities: Writing key points Asking questions Explaining content leaner activities Answering questions Taking notes Discussion	Textboo k Pen and notebo ok Chalk board	Secondary Geography by KLB Bk 1 Pg49-50 Certificate Geography by oxford Bk1	
2	STATISTIC AL METHODS	(a)Metho ds of collectin g data	Questionnai re Interview Observation Sampling taking measureme nt experimenta tion extracting from secondary sources	By the end of the lesson the learner should be able to: i. Identify and describe methods of collecting data	Teacher activities Displaying chart Writing key points Asking questions Explaining content Leaner activities observing chart Answering questions Taking notes	Textboo ks Chart Chalkbo ard Pen and notebo ok	Secondary Geography by KLB bk 1 pg51-54 Certificate Geography by oxford Bk1	

	2	STATISTIC	(a)metho	Field	By the end of the	Teacher activities:	Textboo	Secondary	
	3	AL METHODS	ds of recordin	sketching	lesson the learner should be able to:	Displaying chart	k	Geography by KLB bk 1	
			g	Tallying			Pen and	Pg55-57	
			statistical	Talandatian	i. Identify and	Writing key points	notebo		
			data	Tabulation	describe methods of	Asking questions	ok		
				Taking	recording	Explaining content	Chart		
				photograph	data	Explaining content	CI II	C 1.t. 1	
				Tape-			Chalk board	Certificate Geography by	
				recording		<u>Leaner activitie</u> s	200.0	oxford Bk1	
						<u>zeaner aetrete</u> s			
				Note-taking		observing chart			
				Mapping		Answering questions			
				Labeling of samples		Taking notes			
						Discussion			
				Filling in the questionnair					
				es					
		STASTICAL	(a)Analys	Calculation	By the end of the	Teacher activities:	Textboo	Secondary	
_	1	METHODS	is of data	of	lesson the learner	reaction activities.	k	Geography by	
Λ				percentage	should be able to:	Writing key points		KLB Bk 1	
Д				Measure of		Asking questions	Pen and notebo	Pg57-60	
				central			ok		
				tendencies	i. Analyse and	Explaining content			
				Measure of	present statistical data				
				dispersion	using	<u>Leaner activitie</u> s:	Chalk	Certificate	
			(1-)-4-4:-4:		appropriate	<u>Leaner activitie</u> s.	board	Geography by	
			(b)statisti cal		graphical method	Answering questions		oxford Bk1	
			presenta	Graph:		Taking notes			
			tion of	simple line					
			data	graph	State the	Discussion			
					advantages and				
					disadvantages of				
					each method of data				
					presentation				

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1	STATISTIC	(a)statisti	Graphs:	By the end of the	Teacher activities:	Textboo	Secondary	
2	AL	cal	simple bar	lesson the learner		k	Geography by	
	METHODS	presenta	graph	should be able to:	Writing key points		KLB bk 1	
		tion of				Meter	Pg62	
		data		i. present	Asking questions	rule		
				statistical				
				data using	Explaining content	Pen and		
				appropriate		notebo		
				graphical		ok		
				methods			Certificate	
					leaner activities:		Geography by	
							oxford Bk1	
					Answering questions	Grid	OMOIG BRI	
				ii. State the		square		
					Taking notes	board		
				advantages and		Doaru		
					Discussion			
				disadvantag				
				es of each		CI- II		
				method of		Chalk		
				data		board		
				presentation				
2	STATISTIC	(a)statisti	Graphs :	By the end of the	Teacher activities:	Textboo	Secondary	
3	AL	cal	combined	lesson the learner		Textboo k	Geography	
3		cal presenta	combined line and bar	-	Teacher activities: Writing key points	k		
3	AL	cal presenta tion of	combined	lesson the learner	Writing key points	k Pen and	Geography	
3	AL	cal presenta	combined line and bar	lesson the learner should be able to: i. present		k Pen and notebo	Geography	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to:	Writing key points Asking questions	k Pen and	Geography	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present	Writing key points	k Pen and notebo	Geography	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical	Writing key points Asking questions	k Pen and notebo	Geography	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using	Writing key points Asking questions	k Pen and notebo ok	Geography	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate	Writing key points Asking questions Explaining content	k Pen and notebo ok Grid	Geography Bk 1 Pg63	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical	Writing key points Asking questions	k Pen and notebo ok Grid square	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods	Writing key points Asking questions Explaining content Leaner activities:	k Pen and notebo ok Grid square board	Geography Bk 1 Pg63 Certificate	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods ii. State the	Writing key points Asking questions Explaining content	k Pen and notebo ok Grid square board Meter	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	i. present statistical data using appropriate graphical methods ii. State the advantages	Writing key points Asking questions Explaining content Leaner activities: Answering questions	k Pen and notebo ok Grid square board	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	i. present statistical data using appropriate graphical methods ii. State the advantages and	Writing key points Asking questions Explaining content Leaner activities:	k Pen and notebo ok Grid square board Meter rule	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each	Writing key points Asking questions Explaining content Leaner activities: Answering questions	k Pen and notebo ok Grid square board Meter rule	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each method of	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each method of data	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	lesson the learner should be able to: i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each method of	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each method of data presentation	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	
3	AL	cal presenta tion of	combined line and bar	i. present statistical data using appropriate graphical methods ii. State the advantages and disadvantag es of each method of data	Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes	k Pen and notebo ok Grid square board Meter rule Chalk	Geography Bk 1 Pg63 Certificate Geography by	

5 1 STATISTIC AL METHOD	cal	Windrose	By the end of the lesson the learner should be able to: i. present statistical data using appropriate graphical method ii. State the advantages and disadvantag es of each method of data presentation	Teacher activities: Writing key points Asking questions Explaining content Leaner activities: Answering questions Taking notes Discussion	Textbooks Meterrule Blackboard Gridsquare Pen and notebook	Secondary Geography by KLB bk 1 Pg64-65 Certificate Geography by oxford Bk1	
2 MAP ANI MAPWORK		What is a picture? Topographic al maps Atlas map Sketch map	By the end of the lesson the learner should be able to: i. Define a picture, plan and maps ii. Explain the relationship between pictures, plans and maps iii. Identify types of maps and their uses	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes Discussion	Textboo ks Photogr aphs Maps Black board Pen and notebo ok	Secondary Geography by KLB bk 1 Pg66-69 Certificate Geography by oxford Bk1	

	3	MAP AND MAPWOR K	(a)Types of marginal informati on	Map series Sheet name and title Sheet index number Grid systems Latitude and longitude Compass direction Magnetic variation Key Edition , Publisher and	By the end of the lesson the learner should be able to: i. Identify and use marginal information on maps	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes Discussion	Topogra phical maps Text book Black board Pen and notebo ok	Secondary Geography by KLB bk 1 Pg71-73 Certificate Geography by oxford Bk1	
6	1	MAP AND MAPWOR K	(a)Definit ion (b)Types of scale ©Sizes of scales	and copyright What is a scale? Statement scale Representati ve 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	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes Discussion	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	

2	MAP AND MAPWOR K	(a) Measurin g 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	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes Discussion	Strings dividers Sheet of paper Textboo ks blackbo ard	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	
3	MAP AND MAP WORK	(a)Findin g 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.	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes Discussion	Grid square(f rom square book) Strips Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate Geography by oxford Bk1	

7 1	WORK	(a)definit ion (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	Teacher activities: Writing key points Asking questions Explaining content Leaner activities 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	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	Teacher activities: Writing key points Asking questions Explaining content Leaner activities 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	Teacher activities: Writing key points Asking questions Explaining content	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB Bk 1	

8	1	FIELDWO RK	Field work procedur e	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	Leaner activities Answering questions Taking notes Teacher activities: Writing key points Asking questions Explaining content	Textboo ks Black board Pen and notebo ok	Geography by oxford Secondary Geography by KLB Bk 1	
						Leaner activities: Answering questions Taking notes		Certificate Geography by oxford	
	2	FIELD WORK	Problems likely to be encounte red during fieldwork	Language barrier Hostile environmen t	By the end of the lesson the learner should be able to: i. Identify possible problems encountere d during fieldwork	Teacher activities: Writing key points Asking questions Explaining content Leaner activities Answering questions Taking notes	Textboo ks Black board Pen and notebo ok	Secondary Geography by KLB bk 1 Certificate Geography by oxford	
	3	FIELDWO RK	fieldwork within the local environ ment	St john farm	By the end of the lesson the learner should be able to: i. Carry out fieldwork within the local environmen t	Teacher activities: Asking questions Explaining content Leaner activities Answering questions Observing the farm Taking notes	Pen and notebo ok	Secondary Geography by KLB Bk 1 Certificate Geography by oxford	