**GEOGRAPHY SCHEMES OF WORK**

**FORM FOUR 2016**

**TERM I**

**REFERENCES**

1. Secondary Geography KLB BK 4
2. Certified Geography BK 4
3. Comprehensive Geography BK 4

Compiled by Schools Net Kenya (SNK) in partnership with Jospa Publishers | P.O. Box 3029 – 00200 Nairobi |

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| **WK** | **LSN** | **TOPIC/S-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| 1 |  | **OPENING OF SCHOOL****INDEXING EXAMS – SCIENCE PRACTICAL** |  |
| 2 | 1 | Statistical MethodsAge-Sex Pyramid | **By the end of the lesson the learner should be able to:-**Represent data using age-sex pyramid | Drawing pyramidClass discussionTaking notes | Statistical dataChartTextbooksBlackwall | KLB BK 4 Pg 1-2Cert Geog BK 4Pg 1-2Compre Geog BK 4Pg 1-2 |  |
|  | 2 | Age-Sex Pyramids | **By the end of the lesson the learner should be able to:-**Analyze and interpret the pyramidState advantages and disadvantages of the age-sex pyramid | Class discussionObservationsMaking notes | TextbooksBlackwallCharts | KLB BK 4 Pg 2-3Cert Geog BK 4Pg 4Compre Geog BK 4Pg 2-3 |  |
|  | 3 | Dot maps | **By the end of the lesson the learner should be able to:-**Represent data using dots mapsAnalyze and interpret dots mapsState advantages and disadvantages of dot maps | Class discussionObservationsMaking notesDrawing maps | Charts and mapsData BlackwallCharts | KLB BK 4 Pg 3-6Cert Geog BK 4Pg 6-8Compre Geog BK 4Pg 4-6 |  |
|  | 4 | Choropleth maps | **By the end of the lesson the learner should be able to:-**Present data using choropleth mapState advantages and disadvantages of choropleth maps | Class discussionObservationsMaking notesDrawing maps | TextbooksBlackwallCharts/mapsData | KLB BK 4 Pg 6-8Cert Geog BK 4Pg 8-10Compre Geog BK 4Pg 7-8 |  |
|  | 5 |  Land Reclamation and RehabilitationDefinitionsReasons for reclaiming and rehabilitating land  | **By the end of the lesson the learner should be able to:-**Define land reclamation and land rehabilitationState reasons for reclaiming land | Class discussionMaking notes | TextbooksBlackwallOral exposition | KLB BK 4 Pg 6-8Cert Geog BK 4Pg 11-15Compre Geog BK 4Pg 10 |  |
| 3 | 1 | Methods of land reclamation and rehabilitation in Kenya | **By the end of the lesson the learner should be able to:-**Identify and explain methods used to reclaim land in Kenya as well as rehabilitating land | Class discussionObservationsMaking notesOral exposition | TextbooksBlackwallCharts | KLB BK 4 Pg 13-19Cert Geog BK 4Pg 24-28Compre Geog BK 4Pg 10-14 |  |
|  | 2 | Case StudiesMwea Tebere irrigation scheme | **By the end of the lesson the learner should be able to:-**State factors for the location of Mwea schemeState the problems facing the scheme | Class discussionObservationsMaking notes | TextbooksBlackwallMap of KenyaPhotographs  | KLB BK 4 Pg 9-11Cert Geog BK 4Pg 16-21Compre Geog BK 4Pg 10-12 |  |
|  | 3 | Perkerra Irrigation Scheme | **By the end of the lesson the learner should be able to:-**State factors for the location of the schemeState the problems facing the scheme | Class discussionObservationsMaking notes | TextbooksBlackwallMap of KenyaPhotographs  | KLB BK 4 Pg 11-13Cert Geog BK 4Pg 21-22Compre Geog BK 4Pg 14-15 |  |
|  | 4 | Irrigation farming in Kenya | **By the end of the lesson the learner should be able to:-**State the significance of irrigation farming in Kenya Discuss problems facing irrigation farming in Kenya | Class discussionOral expositionMaking notes | TextbooksBlackboard | KLB BK 4 Pg 13Cert Geog BK 4Pg 22-23Compre Geog BK 4Pg 14-15 |  |
|  | 5 | Land reclamation in the Netherlands | **By the end of the lesson the learner should be able to:-**Discuss how a polder is reclaimed in the Netherlands | Class discussionDrawing mapMaking notes | TextbooksBlackwallChartsMaps | KLB BK 4 Pg 19-21Cert Geog BK 4Pg 26-28Compre Geog BK 4Pg 16 |  |
| 4 | 1 | FishingDefinition of - Fishing- Fisheries Factors influencing fishing | **By the end of the lesson the learner should be able to:-**Define fishing and fisheriesState factors influencing fishing | Class discussionMaking notes | TextbooksBlackwallAtlas  | KLB BK 4 Pg 22-25Cert Geog BK 4Pg 33-35Compre Geog BK 4Pg 17-18 |  |
|  | 2 | Types of fishMajor fishing grounds of the world- Atlantic fishing  grounds  | **By the end of the lesson the learner should be able to:-**Explain types of fishAccount for the location of major fishing ground of the world | Class discussionMaking notes | TextbooksBlackwallAtlas  | KLB BK 4 Pg 28-32Cert Geog BK 4Pg 36-38Compre Geog BK 4Pg 19-28 |  |
|  | 3 | Major fishing groundsPacific grounds | **By the end of the lesson the learner should be able to:-**Account for the location of pacific fishing grounds | Class discussionDrawing mapsMaking notes | TextbooksBlackwallAtlas | KLB BK 4 Pg 32-33Cert Geog BK 4Pg 39-41Compre Geog BK 4Pg 28-40 |  |
|  | 4 | Methods of fishingTraditional methods | **By the end of the lesson the learner should be able to:-**Explain traditional methods of fishing | Class discussionObservationsMaking notes | TextbooksBlackwallphotographs | KLB BK 4 Pg 27-28Cert Geog BK 4Pg 44-45Compre Geog BK 4Pg 42-44 |  |
|  | 5 | Methods of fishingModern methods | **By the end of the lesson the learner should be able to:-**Identify and discuss modern methods of fishing | Class discussionObservationsMaking notes | TextbooksBlackwallPhotographs  | KLB BK 4 Pg 26-27Cert Geog BK 4Pg 45-46Compre Geog BK 4Pg 44-49 |  |
| 5 | 1 | Fresh waters and marine fisheries in East AfricaSignificance of fishing industry in Kenya  | **By the end of the lesson the learner should be able to:-**Discuss fresh water and marine fisheries in East Africa Explain significance of fishing in Kenya | Class discussionObservationsMaking notes | TextbooksBlackwallAtlas | KLB BK 4 Pg 35-44Cert Geog BK 4Pg 47-52Compre Geog BK 4Pg 49-54 |  |
|  | 2 | Problems facing fishing in Kenya and their possible solutions | **By the end of the lesson the learner should be able to:-**State problems facing fishing in KenyaState their possible solutions | Class discussionMaking notes | TextbooksBlackwall | KLB BK 4 Pg 44-47Cert Geog BK 4Pg 52-56Compre Geog BK 4Pg 55-57 |  |
|  | 3 | Fishing in Japan in comparison with KenyaManagement and conservation of freshwater and marine fisheries | **By the end of the lesson the learner should be able to:-**Account for fishing in JapanCompare fishing in Japan and KenyaState conservation and management of fisheries | Class discussionObservationsMaking notes | TextbooksBlackwallAtlas | KLB BK 4 Pg 47-49Cert Geog BK 4Pg 57-60Compre Geog BK 4Pg 57-62 |  |
|  | 4 | Wildlife and TourismDefinition of wildlifeFactors influencing wildlife in East Africa | **By the end of the lesson the learner should be able to:-**Define wildlifeState factors influencing wildlife in East Africa | Class discussionMaking notes | TextbooksBlackwallMaps | KLB BK 4 Pg 50-52Cert Geog BK 4Pg 61-63Compre Geog BK 4Pg 57-62 |  |
|  | 5 | National Parks, Game Reserves and Sanctuaries in East AfricaSignificance of wildlife | **By the end of the lesson the learner should be able to:-**Locate the national parks, game reserves and sanctuaries in East AfricaState significance of wildlife | Class discussionMaking notesObservationDrawing map of East Africa | TextbooksBlackwallAtlas | KLB BK 4 Pg 53-59Cert Geog BK 4Pg 64-70Compre Geog BK 4Pg 76-81 |  |
| 6 | 1 | Problems facing wildlife in East AfricaManagement and conservation of wildlife in East Africa | **By the end of the lesson the learner should be able to:-**Explain problems facing wildlife in East AfricaDiscuss management and conservation measures of wildlife in East Africa | Class discussionMaking notes | TextbooksBlackwall | KLB BK 4 Pg 54-59Cert Geog BK 4Pg 65-70Compre Geog BK 4Pg 76-81 |  |
|  | 2 | TourismDefinition of tourismTypes of tourism:Domestic, eco-tourism and international tourism | **By the end of the lesson the learner should be able to:-**Define tourismDiscuss types of tourism | Class discussionMaking notesClass presentation | TextbooksBlackwallMaps | KLB BK 4 Pg 59-64Cert Geog BK 4Pg 71-73Compre Geog BK 4Pg 82-83 |  |
|  | 3 | Factors influencing tourism in Kenya | **By the end of the lesson the learner should be able to:-**State factors influencing tourism in Kenya | Class discussionMaking notes | TextbooksBlackwallAtlas | KLB BK 4 Pg 62-64Cert Geog BK 4Pg 72-73Compre Geog BK 4Pg 84-86 |  |
|  | 4 | Tourists attractions in KenyaSignificance of tourism | **By the end of the lesson the learner should be able to:-**Identify and discuss tourists attractions in Kenya Explain the significance of tourism | Class discussionMaking notesDrawing map of Kenya | TextbooksChalkboardCharts/maps | KLB BK 4 Pg 64-67Cert Geog BK 4Pg 73-75Compre Geog BK 4Pg 86-93 |  |
|  | 5 | Problems facing and associated with tourism in KenyaFuture of tourism in Kenya | **By the end of the lesson the learner should be able to:-**Identify and discuss problems facing and associated with tourism in KenyaDiscuss the future of tourism  | Class discussionMaking notes | TextbooksBlackwall | KLB BK 4 Pg 70-74Cert Geog BK 4Pg 75-77, 83-86Compre Geog BK 4Pg 93-96 |  |
| 7 | 1 | Tourism in Switzerland | **By the end of the lesson the learner should be able to:-**Discuss tourism in Switzerland and future of tourism in Switzerland | Class discussionMaking notesDrawing map of Switzerland | TextbooksBlackwallChartsAtlas | KLB BK 4 Pg 70-74Cert Geog BK 4Pg 78-83Compre Geog BK 4Pg 99 |  |
|  | 2 | Comparison of tourism between Kenya and Switzerland | **By the end of the lesson the learner should be able to:-**Compare and contrast tourism in Kenya and Switzerland | Class discussionMaking notesOral exposition | TextbooksBlackwallWall chart | KLB BK 4 Pg 74Cert Geog BK 4Pg 83-87Compre Geog BK 4Pg 100-102 |  |
|  | 3 | Energy Sources and forms of energy | **By the end of the lesson the learner should be able to:-**Define energyIdentify and discuss types/forms of energy | Class discussionMaking notes | TextbooksBlackwallCharts | KLB BK 4 Pg 75-82Cert Geog BK 4Pg 88-98Compre Geog BK 4Pg 103-109 |  |
|  | 4 | Hydro-Power projects in Kenya and Uganda | **By the end of the lesson the learner should be able to:-**Identify various hydropower projects in Kenya and Uganda | Class discussionMaking notesDrawing maps | TextbooksAtlasCharts | KLB BK 4 Pg 83-86Cert Geog BK 4Pg 99-103Compre Geog BK 4Pg 110-115 |  |
|  | 5 | Geothermal Power Projects in Kenya | **By the end of the lesson the learner should be able to:-**Identify the Geothermal Power projects in Kenya | Class discussionMaking notesDrawing map of Kenya  | TextbooksBlackwallChartsAtlas | KLB BK 4 Pg 85-86Cert Geog BK 4Pg 103-104Compre Geog BK 4Pg 112-113 |  |
| 8 | 1 | Hydro-Power projects in Africa Significance of energy | **By the end of the lesson the learner should be able to:-**Locate other hydro-electric power projects in AfricaExplain significance of energy | Class discussionMaking notesObservationDrawing map of Africa | TextbooksBlackwallChartsAtlas | KLB BK 4 Pg 86-89Cert Geog BK 4Pg 104-105Compre Geog BK 4Pg 114-116 |  |
|  | 2 | Energy Crisis | **By the end of the lesson the learner should be able to:-**Define energy crisis Discuss effects of energy crisisDiscuss solutions to energy crisis | Class discussionMaking notesOral exposition | TextbooksBlackwall | KLB BK 4 Pg 89-90Cert Geog BK 4Pg 105-107Compre Geog BK 4Pg 116 |  |
|  | 3 | Management and conservation of energy | **By the end of the lesson the learner should be able to:-**Discuss the management and conservation measures of energy | Class discussionMaking notesOral exposition | TextbooksBlackwall | KLB BK 4 Pg 91-92Cert Geog BK 4Pg 107-108Compre Geog BK 4Pg 119 |  |
|  | 4 | IndustryDefinition of industryIndustrializationReasons for industrialization | **By the end of the lesson the learner should be able to:-**Define industry and industrialization State reasons for industrialization | Class discussionMaking notesOral exposition | TextbooksChalkboard | KLB BK 4 Pg 93-97Cert Geog BK 4Pg 112-115Compre Geog BK 4Pg 121-126 |  |
|  | 5 | Factors influencing location and development of industries | **By the end of the lesson the learner should be able to:-**Identify and discuss factors influencing the location and development of industries | Class discussionMaking notesOral exposition | TextbooksChalkboard | KLB BK 4 Pg 96-97Cert Geog BK 4Pg 114-116Compre Geog BK 4Pg 123-126 |  |
| 9 | 1 | Types of IndustriesDistribution of Industries in Kenya | **By the end of the lesson the learner should be able to:-**Discuss types of industriesAccount for the distribution of industries in Kenya | Class discussionMaking notes*© Education Plus Agencies* | TextbooksBlackwallAtlas | KLB Bk4 Pg 97-102Cert Geog BK 4Pg 116-124Compre Geog BK 4Pg 126-127 |  |
|  | 2 |  Significance of industrialization section in KenyaProblems of industrialization and possible solutions | **By the end of the lesson the learner should be able to:-**Explain significance of industrialization in KenyaDiscuss problems of industrialization and suggest their possible solutions | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 108-112Cert Geog BK 4Pg 123-128Compre Geog BK 4Pg 136-143 |  |
|  | 3 | Cottage Industry in India | **By the end of the lesson the learner should be able to:-**Identify and discuss cottage industries in India  | Class discussionMaking notes | TextbooksBlack wallAtlas Charts | KLB BK 4Pg 113-114Cert Geog BK 4Pg 128-129Compre Geog BK 4Pg 143-145 |  |
|  | 4 | Jua-Kali Industry in Kenya | **By the end of the lesson the learner should be able to:-**Identify Jua-kali industries in KenyaExplain importance of the Jua kali industries in Kenya | Class discussionMaking notes | TextbooksBlack wallChartsPhotographs | KLB BK 4Pg 103-105Cert Geog BK 4Pg 121-123Compre Geog BK 4Pg 142-143 |  |
|  | 5 | Iron and Steel Industry in the Ruhr Region of Germany | **By the end of the lesson the learner should be able to:-**Account for the location of iron and steel industry in the Ruhr region of Germany  | Class discussionMaking notesDrawing map of Germany | TextbooksAtlasBlack wall | KLB BK 4Pg 114-116Cert Geog BK 4Pg 130-132Compre Geog BK 4Pg 145-147 |  |
| 10 | 1 | Car Manufacture and Electronics Industry in Japan | **By the end of the lesson the learner should be able to:-**Identify car and electronics industry in JapanState factors influencing the location of industries in Japan  | Class discussionMaking notesDrawing map of Japan | TextbooksBlack wallAtlas | KLB BK 4Pg 116-119Cert Geog BK 4Pg 132-137Compre Geog BK 4Pg 147-151 |  |
|  | 2 | Transport and communication Definition of transport and communicationMeans of transport:Road transport | **By the end of the lesson the learner should be able to:-**Define transport and communicationDiscuss road as a means of transport | Class discussionMaking notes | TextbooksMap of AfricaChartsphotographs | KLB BK 4Pg 119-121Cert Geog BK 4Pg 138-142Compre Geog BK 4Pg 152-154 |  |
|  | 3 | Railway transport | **By the end of the lesson the learner should be able to:-**Discuss railway as a means of transport | Class discussionMaking notesObservation | TextbooksBlack wallAtlasPhotographs | KLB BK 4Pg 121-123Cert Geog BK 4Pg 142-144 |  |
|  | 4 | Pipeline transport, lifts and escalators | **By the end of the lesson the learner should be able to:-**Discuss pipeline, lifts and escalators as means of transport | Class discussionMaking notes | TextbooksBlack wallAtlasPhotographs | KLB BK 4Pg 126-127Cert Geog BK 4Pg 144-145Compre Geog BK 4Pg 161 |  |
|  | 5 | Air Transport in Africa | **By the end of the lesson the learner should be able to:-**Discuss air transport in Africa and identify problems facing it | Class discussionMaking notes | TextbooksBlack wallAtlasPhotograph | KLB BK 4Pg 124-126Cert Geog BK 4Pg 152-154Compre Geog BK 4Pg 160 |  |
| 11 | 1 | Water Transport | **By the end of the lesson the learner should be able to:-**Discuss water as a mode of transport and state problems facing it | Class discussionMaking notesObservation | TextbooksBlack wallPhotograph | KLB BK 4Pg 123-124Cert Geog BK 4Pg 146-152Compre Geog BK 4Pg 156-159 |  |
|  | 2 | Major Lines of Transport in Africa | **By the end of the lesson the learner should be able to:-**Identify and locate major road and air lines in Africa | Class discussionMaking notesObservationDrawing map of Africa | TextbooksBlack wallAtlasCharts | KLB BK 4Pg 129-134Cert Geog BK 4Pg 145-146Compre Geog BK 4Pg 162 |  |
|  | 3 | Types of CommunicationRole of Transport and Communication in Economic Development | **By the end of the lesson the learner should be able to:-**Discuss main types of communicationsOutline the role of transport and communication in economic development of Africa | Class discussionMaking notesObservation | TextbooksBlack wallPhotographGadgets of communication, mobiles | KLB BK 4Pg 127-136Cert Geog BK 4Pg 154-157Compre Geog BK 4Pg 177-180 |  |
|  | 4 | Problems facing transport and communication in Africa Efforts to solve these problems | **By the end of the lesson the learner should be able to:-**State problems facing transport and communication in AfricaDiscuss efforts being made to solve these problems | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 136-138Cert Geog BK 4Pg 162-165Compre Geog BK 4Pg 181-183 |  |
|  | 5 | Case StudyGreat lakes and St. Lawrence sea way | **By the end of the lesson the learner should be able to:-**Identify the great lakes of USA and CanadaExplain problems facing Great lakes and St. Lawrence sea way | Class discussionMaking notesDrawing map of St. Lawrence sea way | TextbooksChalkboardAtlas | KLB BK 4Pg 138-139Cert Geog BK 4Pg 162-165Compre Geog BK 4Pg 183 |  |
| 12 | 1 | Great lakes and St. Lawrence sea way | **By the end of the lesson the learner should be able to:-**Discuss efforts being made to solve the problems Explain role played by Great lakes and St. Lawrence sea way in the economies of USA and Canada | Class discussionMaking notes | TextbooksBlack wall | KLB BK 4Pg 140-143Cert Geog BK 4Pg 164-165Compre Geog BK 4Pg 185-187 |  |
|  | 2 | TradeDefinition of tradeTypes of trade | **By the end of the lesson the learner should be able to:-**Define tradeIdentify and discuss types of trade | Class discussionMaking notes | TextbooksBlack wall | KLBBK4Pg143-145Cert Geog BK 4Pg 166-172Compre Geog BK 4Pg 188-190 |  |
|  | 3 | Factors influencing tradeMajor exports and imports of Kenya  | **By the end of the lesson the learner should be able to:-**Explain factors influencing tradeIdentify major exports and imports of Kenya | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 147-149Cert Geog BK 4Pg 169-174Compre Geog BK 4Pg 190-194 |  |
|  | 4 | Significance of trade in KenyaProblems facing trade in Kenya | **By the end of the lesson the learner should be able to:-**Discuss significance of trade in KenyaState problems facing trade in Kenya | Class discussionMaking notes | TextbooksBlack wall | KLB BK 4Pg 149-152Cert Geog BK 4Pg 174-184Compre Geog BK 4Pg 195-198 |  |
|  | 5 | Future of international trade in KenyaCOMESA | **By the end of the lesson the learner should be able to:-**Asses the future of international trade in KenyaState objectives of COMESA | Class discussionMaking notesDrawing maps | TextbooksBlack wallCharts | KLB BK 4Pg 152-155Cert Geog BK 4Pg 83-185Compre Geog BK 4Pg 198-204 |  |
| 13 | 1 | COMESASADDC | **By the end of the lesson the learner should be able to:-**Outline the roles played by COMESA and SADDC in the economies of their respective regions | Class discussionMaking notes | TextbooksChalkboardAtlas | KLB BK 4Pg 156Cert Geog BK 4Pg 187-188Compre Geog BK 4Pg 200-205 |  |
|  | 2 | ECOWAS | **By the end of the lesson the learner should be able to:-**Outline the objectives and roles of ECOWAS in West African region | Class discussionMaking notesDrawing maps | TextbooksBlack wallAtlasMaps | KLB BK 4Pg 157-158Cert Geog BK 4Pg 188-191Compre Geog BK 4Pg 205-207 |  |
|  | 3 | European Union (EU) | **By the end of the lesson the learner should be able to:-**Outline the role played by EU in the economies of Europe and the world | Class discussionMaking notes | TextbooksBlack wallMap  | KLB BK 4 Pg 160Cert Geog BK 4Pg 191Compre Geog BK 4Pg 207-208 |  |
|  | 4 | Benefits and problems facing regional trading blocs | **By the end of the lesson the learner should be able to:-**Discuss the benefits and problems facing regional trading blocs | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 158-159Cert Geog BK 4Pg 180Compre Geog BK 4Pg 207 |  |
|  | 5 | PopulationDefinition of populationFactors influencing distribution of population in East Africa | **By the end of the lesson the learner should be able to:-**Define populationExplain factors influencing population distribution in East Africa | Class discussionMaking notes | TextbooksBlack wallAtlases | KLB BK 4Pg 162-164Cert Geog BK 4Pg 195-197Compre Geog BK 4Pg 209-212 |  |
| 14 | 1 | FertilityMortalityPopulation growth | **By the end of the lesson the learner should be able to:-**Define population growthDiscuss how fertility and mortality influence population | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 165-169Cert Geog BK 4Pg 197-199Compre Geog BK 4Pg 212-215 |  |
|  | 2 | Migration | **By the end of the lesson the learner should be able to:-**Define migrationExplain migration as a factor of population growthState causes of migrationDiscuss types of migrationExplain the effects of migration | Class discussionMaking notes | TextbooksBlack wall | KLB BK 4Pg 169-171Cert Geog BK 4Pg 199-205Compre Geog BK 4Pg 215-216 |  |
|  | 3 | Population structure of Kenya | **By the end of the lesson the learner should be able to:-**Describe Kenya’s population structure | Class discussionMaking notes | TextbooksBlack wallCharts | KLB BK 4Pg 177-178Cert Geog BK 4Pg 205-212Compre Geog BK 4Pg 216-219 |  |
|  | 4 | Consequences of population growth and structure | **By the end of the lesson the learner should be able to:-**Discuss the consequences of population growth and structure | Class discussionMaking notes | TextbooksBlack wall | KLB BK 4Pg 178-180Cert Geog BK 4Pg 212-213Compre Geog BK 4Pg 216-219 |  |
|  | 5 | Population of Sweden | **By the end of the lesson the learner should be able to:-**Explain the factors influencing population in Sweden | Class discussionMaking notesDrawing map of Sweden | TextbooksBlack wallChart  | KLB BK 4Pg 184-185Cert Geog BK 4Pg 213-214Compre Geog BK 4Pg 229 |  |
|  |  | **SCHOOL CLOSES FOR APRIL HOLIDAY** |  |

**GEOGRAPHY SCHEMES OF WORK**

**FORM FOUR 2016**

**TERM II**

**REFERENCES:**

1. Secondary Geography KLB BK 4
2. Certified Geography BK 4
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| **WK** | **LSN** | **TOPIC/S-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| 1 |  | **OPENING OF SCHOOL FOR 2ND TERM** |  |
| 2 | 1 | Population trend between Kenya and Sweden  | **By the end of the lesson the learner should be able to:-**Compare and contrast population trends of Kenya and Sweden | Class discussionMaking notesObservation  | TextbooksChalkboardChart  | KLB BK 4 Pg 184Cert Geog BK 4Pg 214Compre Geog BK 4Pg 231 |  |
|  | 2 | Population data and pyramid (Age-Sex) | **By the end of the lesson the learner should be able to:-**Present data using age-sex pyramid | Class discussionMaking notesQuestion and answer | TextbooksChalkboardChart  | KLB BK 4Pg 177-179Cert Geog BK 4Pg 214-215 |  |
|  | 3 | SettlementDefinition of settlement and urbanizationFactors influencing settlement | **By the end of the lesson the learner should be able to:-**Define settlement and urbanizationState factors influencing settlement and settlement patterns | Class discussionMaking notes | TextbooksBlack wall | KLB BK 4Pg 186-188Cert Geog BK 4Pg 217-220Compre Geog BK 4Pg 234-236 |  |
|  | 4 | Major urban centres in East AfricaFactors influencing distribution of major urban centres in East Africa | **By the end of the lesson the learner should be able to:-**Account for the distribution of urban centres in East Africa Identify major urban centres in East Africa | Class discussionMaking notes | TextbooksBlack wallAtlas | KLB BK 4Pg 193-196Cert Geog BK 4Pg 223-224Compre Geog BK 4Pg 236-238 |  |
|  | 5 | Internal structure of an ideal urban centreThika town (industrial town) | **By the end of the lesson the learner should be able to:-**Describe the internal structure of an ideal urban centreAccount for growth and functions of Thika town as industrial centre | Class discussionMaking notes | TextbooksBlack wallPhotographsCharts | KLB BK 4Pg 197-198Cert Geog BK 4Pg 224-225Compre Geog BK 4Pg 236-238 |  |
| 3 | 1 | Kisumu Town as a lake portEldoret town as agricultural and collecting centre | **By the end of the lesson the learner should be able to:-**Account for growth of Kisumu town as a lake portAccount for growth of Eldoret town as an agricultural centre | Class discussionMaking notes | TextbooksBlack wallAtlasPhotographs | KLB BK 4Pg 198-200Cert Geog BK 4Pg 226-228Compre Geog BK 4Pg 235-238 |  |
|  | 2 | CitiesNairobi and New York | **By the end of the lesson the learner should be able to:-**Compare and contrast the growth and functions of Nairobi and New York cities | Class discussionMaking notes | TextbooksChalkboardAtlas | KLB BK 4Pg 201-207Cert Geog BK 4Pg 223-233Compre Geog BK 4Pg 225-256 |  |
|  | 3 | PortsMombasa and Rotterdam  | **By the end of the lesson the learner should be able to:-**Compare and contrast the growth and functions of Mombasa and Rotterdam ports | Class discussionMaking notesQuestion and answer | TextbooksBlack wallAtlas  | KLB BK 4Pg 207-212Cert Geog BK 4Pg 234-238Compre Geog BK 4Pg 256-263 |  |
|  | 4 | Urbanization | **By the end of the lesson the learner should be able to:-**Discuss the effects of urbanization | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 212-215Cert Geog BK 4Pg 238-240Compre Geog BK 4Pg 238-240 |  |
|  | 5 | Management and conservation of environmentDefinition of:EnvironmentManagementConservation -Why manage and  conserve environment | **By the end of the lesson the learner should be able to:-**Define environment, management and conservationState reasons for managing and conserving environment | Class discussionMaking notes | TextbooksChalkboard | KLB BK 4Pg 216-218Cert Geog BK 4Pg 241-243Compre Geog BK 4Pg 268-270 |  |
| 4 | 1 | Major environment hazardsFloodsLightening | **By the end of the lesson the learner should be able to:-**Outline causes, effects and control measures of floods and lightening | Class discussionMaking notes | TextbooksChalkboardPhotographs | KLB BK 4Pg 224-227Cert Geog BK 4Pg 243-245Compre Geog BK 4Pg 270-275 |  |
|  | 2 | WindstormsPests and diseases | **By the end of the lesson the learner should be able to:-**Discuss the causes, effects and control measures of windstorms and pests and diseases | Class discussionMaking notes | TextbooksChalkboard  | KLB BK 4Pg 228-230Cert Geog BK 4Pg 245-247Compre Geog BK 4Pg 275-281 |  |
|  | 3 | Pollution | **By the end of the lesson the learner should be able to:-**Discuss the types, causes, effects and control measures of pollution | Class discussionMaking notes | TextbooksBlack wallPhotographs  | KLBBK4Pg230-239Cert Geog BK 4Pg 247-251Compre Geog BK 4Pg 281-286 |  |
|  | 4 | Measures taken to manage and conserve environment in Kenya  | **By the end of the lesson the learner should be able to:-**State the measures taken to manage and conserve environment in Kenya | Class discussionMaking notes | TextbooksBlack wall | KLBBK4Pg236-240Cert Geog BK 4Pg 252-255Compre Geog BK 4Pg 286-290 |  |
|  | 5 | Review of the topicEnvironment | **By the end of the lesson the learner should be able to:-**Answer questions based on the topic | Class discussionQuestioning and answering | TextbooksBlack wallPast papers | KLB BK 4Pg 216-240 |  |
| 5 | 1-5 | Revision on rivers and hydrological cycle | **By the end of the lesson the learner should be able to:-**Discuss various stages and features of a river and hydrological cycle | Class discussionAnswering Questions | TextbooksBlack wallPast papers | Question papers |  |
| 6 | 1-5 | Revision on Karst Scenery | **By the end of the lesson the learner should be able to:-**Discuss various landforms of karst scenery and answer questions | Class discussionAnswering Questions | TextbooksBlack wallPast papers | Question papers |  |
| 7 | 1-5 | Revision on Map work | **By the end of the lesson the learner should be able to:-**Read and interpret topographical maps | Observation Answering Questions | TextbooksBlack wallPast papers | Question papers |  |
| 8 | 1-5 | Revision on faulting and earthquakes | **By the end of the lesson the learner should be able to:-**Discuss faulting process and earthquakes | Class discussionAnswering Questions | TextbooksBlack wallPast papers | Question papers |  |
| 9 | 1-5 | Revision on statistics and photograph work | **By the end of the lesson the learner should be able to:-**Draw, analyze and interpret statistical methods, photographs | Class discussionAnswering Questions | TextbooksBlack wallPast papers | Question papers/books |  |
| 10,11,12 &13 | 1-5 | Mock Exams and revision | **By the end of the lesson the learner should be able to:-**Answer questions set in mock exams | Class discussionAnswering Questions | Black wallPast papers | Marking schemes |  |
|  |  | **SCHOOL CLOSES FOR AUGUST HOLIDAY** |  |

**GEOGRAPHY SCHEMES OF WORK**

**FORM FOUR 20156**

**TERM III**

**REFERENCES:**

1. Secondary Geography KLB BK 4
2. Certified Geography BK 4
3. Comprehensive Geography BK 4

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC/S-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| 1 | 1-5 | Revision of mock geography papers from other districtsPaper 1 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 1 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 1 |  |
| 2 | 1-5 | Revision of mock geography papers from other districtsPaper 2 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 2 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 2 |  |
| 3 | 1-5 | Revision of mock geography papers from other districtsPaper 1 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 1 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 1 |  |
| 4 | 1-5 | Revision of mock geography papers from other districtsPaper 2 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 2 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 2 |  |
| 5 | 1-5 | Revision of mock geography papers from other districtsPaper 1 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 1 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 1 |  |
| 6 | 1-5 | Revision of mock geography papers from other districtsPaper 2 | **By the end of the lesson the learner should be able to:-**Answer questions set in paper 2 | Answering questionsAsking questions | Black wallMock papersText booksMarking schemes | Mock papersPaper 2 |  |
| 7-12 |  | **KCSE EXAMINATIONS** |  |