**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 |

Coordinated by KENPRO, Macjo Arcade, 4th Floor, Suite 15E, Off Magadi Road, Ongata Rongai |Tel: +254202319748 |

E-mail: [infosnkenya@gmail.com](mailto:infosnkenya@gmail.com) | Website: [www.schoolsnetkenya.com/](http://www.schoolsnetkenya.com/)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC/S-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| 1 |  | **OPENING OF SCHOOL**  **INDEXING EXAMS – SCIENCE PRACTICAL** | | | | |  |
| 2 | 1 | Statistical Methods  Age-Sex Pyramid | **By the end of the lesson the learner should be able to:-**  Represent data using age-sex pyramid | Drawing pyramid  Class discussion  Taking notes | Statistical data  Chart  Textbooks  Blackwall | KLB BK 4 Pg 1-2  Cert Geog BK 4  Pg 1-2  Compre Geog BK 4  Pg 1-2 |  |
|  | 2 | Age-Sex Pyramids | **By the end of the lesson the learner should be able to:-**  Analyze and interpret the pyramid  State advantages and disadvantages of the age-sex pyramid | Class discussion  Observations  Making notes | Textbooks  Blackwall  Charts | KLB BK 4 Pg 2-3  Cert Geog BK 4  Pg 4  Compre Geog BK 4  Pg 2-3 |  |
|  | 3 | Dot maps | **By the end of the lesson the learner should be able to:-**  Represent data using dots maps  Analyze and interpret dots maps  State advantages and disadvantages of dot maps | Class discussion  Observations  Making notes  Drawing maps | Charts and maps  Data  Blackwall  Charts | KLB BK 4 Pg 3-6  Cert Geog BK 4  Pg 6-8  Compre Geog BK 4  Pg 4-6 |  |
|  | 4 | Choropleth maps | **By the end of the lesson the learner should be able to:-**  Present data using choropleth map  State advantages and disadvantages of choropleth maps | Class discussion  Observations  Making notes  Drawing maps | Textbooks  Blackwall  Charts/maps  Data | KLB BK 4 Pg 6-8  Cert Geog BK 4  Pg 8-10  Compre Geog BK 4  Pg 7-8 |  |
|  | 5 | Land Reclamation and Rehabilitation  Definitions  Reasons for reclaiming and rehabilitating land | **By the end of the lesson the learner should be able to:-**  Define land reclamation and land rehabilitation  State reasons for reclaiming land | Class discussion  Making notes | Textbooks  Blackwall  Oral exposition | KLB BK 4 Pg 6-8  Cert Geog BK 4  Pg 11-15  Compre Geog BK 4  Pg 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 discussion  Observations  Making notes  Oral exposition | Textbooks  Blackwall  Charts | KLB BK 4 Pg 13-19  Cert Geog BK 4  Pg 24-28  Compre Geog BK 4  Pg 10-14 |  |
|  | 2 | Case Studies  Mwea Tebere irrigation scheme | **By the end of the lesson the learner should be able to:-**  State factors for the location of Mwea scheme  State the problems facing the scheme | Class discussion  Observations  Making notes | Textbooks  Blackwall  Map of Kenya  Photographs | KLB BK 4 Pg 9-11  Cert Geog BK 4  Pg 16-21  Compre Geog BK 4  Pg 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 scheme  State the problems facing the scheme | Class discussion  Observations  Making notes | Textbooks  Blackwall  Map of Kenya  Photographs | KLB BK 4 Pg 11-13  Cert Geog BK 4  Pg 21-22  Compre Geog BK 4  Pg 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 discussion  Oral exposition  Making notes | Textbooks  Blackboard | KLB BK 4 Pg 13  Cert Geog BK 4  Pg 22-23  Compre Geog BK 4  Pg 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 discussion  Drawing map  Making notes | Textbooks  Blackwall  Charts  Maps | KLB BK 4 Pg 19-21  Cert Geog BK 4  Pg 26-28  Compre Geog BK 4  Pg 16 |  |
| 4 | 1 | Fishing  Definition of  - Fishing  - Fisheries  Factors influencing fishing | **By the end of the lesson the learner should be able to:-**  Define fishing and fisheries  State factors influencing fishing | Class discussion  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 22-25  Cert Geog BK 4  Pg 33-35  Compre Geog BK 4  Pg 17-18 |  |
|  | 2 | Types of fish  Major fishing grounds of the world  - Atlantic fishing  grounds | **By the end of the lesson the learner should be able to:-**  Explain types of fish  Account for the location of major fishing ground of the world | Class discussion  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 28-32  Cert Geog BK 4  Pg 36-38  Compre Geog BK 4  Pg 19-28 |  |
|  | 3 | Major fishing grounds  Pacific grounds | **By the end of the lesson the learner should be able to:-**  Account for the location of pacific fishing grounds | Class discussion  Drawing maps  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 32-33  Cert Geog BK 4  Pg 39-41  Compre Geog BK 4  Pg 28-40 |  |
|  | 4 | Methods of fishing  Traditional methods | **By the end of the lesson the learner should be able to:-**  Explain traditional methods of fishing | Class discussion  Observations  Making notes | Textbooks  Blackwall  photographs | KLB BK 4 Pg 27-28  Cert Geog BK 4  Pg 44-45  Compre Geog BK 4  Pg 42-44 |  |
|  | 5 | Methods of fishing  Modern methods | **By the end of the lesson the learner should be able to:-**  Identify and discuss modern methods of fishing | Class discussion  Observations  Making notes | Textbooks  Blackwall  Photographs | KLB BK 4 Pg 26-27  Cert Geog BK 4  Pg 45-46  Compre Geog BK 4  Pg 44-49 |  |
| 5 | 1 | Fresh waters and marine fisheries in East Africa  Significance 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 discussion  Observations  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 35-44  Cert Geog BK 4  Pg 47-52  Compre Geog BK 4  Pg 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 Kenya  State their possible solutions | Class discussion  Making notes | Textbooks  Blackwall | KLB BK 4 Pg 44-47  Cert Geog BK 4  Pg 52-56  Compre Geog BK 4  Pg 55-57 |  |
|  | 3 | Fishing in Japan in comparison with Kenya  Management and conservation of freshwater and marine fisheries | **By the end of the lesson the learner should be able to:-**  Account for fishing in Japan  Compare fishing in Japan and Kenya  State conservation and management of fisheries | Class discussion  Observations  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 47-49  Cert Geog BK 4  Pg 57-60  Compre Geog BK 4  Pg 57-62 |  |
|  | 4 | Wildlife and Tourism  Definition of wildlife  Factors influencing wildlife in East Africa | **By the end of the lesson the learner should be able to:-**  Define wildlife  State factors influencing wildlife in East Africa | Class discussion  Making notes | Textbooks  Blackwall  Maps | KLB BK 4 Pg 50-52  Cert Geog BK 4  Pg 61-63  Compre Geog BK 4  Pg 57-62 |  |
|  | 5 | National Parks, Game Reserves and Sanctuaries in East Africa  Significance of wildlife | **By the end of the lesson the learner should be able to:-**  Locate the national parks, game reserves and sanctuaries in East Africa  State significance of wildlife | Class discussion  Making notes  Observation  Drawing map of East Africa | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 53-59  Cert Geog BK 4  Pg 64-70  Compre Geog BK 4  Pg 76-81 |  |
| 6 | 1 | Problems facing wildlife in East Africa  Management 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 Africa  Discuss management and conservation measures of wildlife in East Africa | Class discussion  Making notes | Textbooks  Blackwall | KLB BK 4 Pg 54-59  Cert Geog BK 4  Pg 65-70  Compre Geog BK 4  Pg 76-81 |  |
|  | 2 | Tourism  Definition of tourism  Types of tourism:  Domestic, eco-tourism and international tourism | **By the end of the lesson the learner should be able to:-**  Define tourism  Discuss types of tourism | Class discussion  Making notes  Class presentation | Textbooks  Blackwall  Maps | KLB BK 4 Pg 59-64  Cert Geog BK 4  Pg 71-73  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Blackwall  Atlas | KLB BK 4 Pg 62-64  Cert Geog BK 4  Pg 72-73  Compre Geog BK 4  Pg 84-86 |  |
|  | 4 | Tourists attractions in Kenya  Significance 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 discussion  Making notes  Drawing map of Kenya | Textbooks  Chalkboard  Charts/maps | KLB BK 4 Pg 64-67  Cert Geog BK 4  Pg 73-75  Compre Geog BK 4  Pg 86-93 |  |
|  | 5 | Problems facing and associated with tourism in Kenya  Future 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 Kenya  Discuss the future of tourism | Class discussion  Making notes | Textbooks  Blackwall | KLB BK 4 Pg 70-74  Cert Geog BK 4  Pg 75-77, 83-86  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing map of Switzerland | Textbooks  Blackwall  Charts  Atlas | KLB BK 4 Pg 70-74  Cert Geog BK 4  Pg 78-83  Compre Geog BK 4  Pg 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 discussion  Making notes  Oral exposition | Textbooks  Blackwall  Wall chart | KLB BK 4 Pg 74  Cert Geog BK 4  Pg 83-87  Compre Geog BK 4  Pg 100-102 |  |
|  | 3 | Energy  Sources and forms of energy | **By the end of the lesson the learner should be able to:-**  Define energy  Identify and discuss types/forms of energy | Class discussion  Making notes | Textbooks  Blackwall  Charts | KLB BK 4 Pg 75-82  Cert Geog BK 4  Pg 88-98  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing maps | Textbooks  Atlas  Charts | KLB BK 4 Pg 83-86  Cert Geog BK 4  Pg 99-103  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing map of Kenya | Textbooks  Blackwall  Charts  Atlas | KLB BK 4 Pg 85-86  Cert Geog BK 4  Pg 103-104  Compre Geog BK 4  Pg 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 Africa  Explain significance of energy | Class discussion  Making notes  Observation  Drawing map of Africa | Textbooks  Blackwall  Charts  Atlas | KLB BK 4 Pg 86-89  Cert Geog BK 4  Pg 104-105  Compre Geog BK 4  Pg 114-116 |  |
|  | 2 | Energy Crisis | **By the end of the lesson the learner should be able to:-**  Define energy crisis  Discuss effects of energy crisis  Discuss solutions to energy crisis | Class discussion  Making notes  Oral exposition | Textbooks  Blackwall | KLB BK 4 Pg 89-90  Cert Geog BK 4  Pg 105-107  Compre Geog BK 4  Pg 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 discussion  Making notes  Oral exposition | Textbooks  Blackwall | KLB BK 4 Pg 91-92  Cert Geog BK 4  Pg 107-108  Compre Geog BK 4  Pg 119 |  |
|  | 4 | Industry  Definition of industry  Industrialization  Reasons for industrialization | **By the end of the lesson the learner should be able to:-**  Define industry and industrialization  State reasons for industrialization | Class discussion  Making notes  Oral exposition | Textbooks  Chalkboard | KLB BK 4 Pg 93-97  Cert Geog BK 4  Pg 112-115  Compre Geog BK 4  Pg 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 discussion  Making notes  Oral exposition | Textbooks  Chalkboard | KLB BK 4 Pg 96-97  Cert Geog BK 4  Pg 114-116  Compre Geog BK 4  Pg 123-126 |  |
| 9 | 1 | Types of Industries  Distribution of Industries in Kenya | **By the end of the lesson the learner should be able to:-**  Discuss types of industries  Account for the distribution of industries in Kenya | Class discussion  Making notes  *© Education Plus Agencies* | Textbooks  Blackwall  Atlas | KLB Bk4 Pg 97-102  Cert Geog BK 4  Pg 116-124  Compre Geog BK 4  Pg 126-127 |  |
|  | 2 | Significance of industrialization section in Kenya  Problems of industrialization and possible solutions | **By the end of the lesson the learner should be able to:-**  Explain significance of industrialization in Kenya  Discuss problems of industrialization and suggest their possible solutions | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 108-112  Cert Geog BK 4  Pg 123-128  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Atlas  Charts | KLB BK 4  Pg 113-114  Cert Geog BK 4  Pg 128-129  Compre Geog BK 4  Pg 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 Kenya  Explain importance of the Jua kali industries in Kenya | Class discussion  Making notes | Textbooks  Black wall  Charts  Photographs | KLB BK 4  Pg 103-105  Cert Geog BK 4  Pg 121-123  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing map of Germany | Textbooks  Atlas  Black wall | KLB BK 4  Pg 114-116  Cert Geog BK 4  Pg 130-132  Compre Geog BK 4  Pg 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 Japan  State factors influencing the location of industries in Japan | Class discussion  Making notes  Drawing map of Japan | Textbooks  Black wall  Atlas | KLB BK 4  Pg 116-119  Cert Geog BK 4  Pg 132-137  Compre Geog BK 4  Pg 147-151 |  |
|  | 2 | Transport and communication  Definition of transport and communication  Means of transport:  Road transport | **By the end of the lesson the learner should be able to:-**  Define transport and communication  Discuss road as a means of transport | Class discussion  Making notes | Textbooks  Map of Africa  Charts  photographs | KLB BK 4  Pg 119-121  Cert Geog BK 4  Pg 138-142  Compre Geog BK 4  Pg 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 discussion  Making notes  Observation | Textbooks  Black wall  Atlas  Photographs | KLB BK 4  Pg 121-123  Cert Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Atlas  Photographs | KLB BK 4  Pg 126-127  Cert Geog BK 4  Pg 144-145  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Atlas  Photograph | KLB BK 4  Pg 124-126  Cert Geog BK 4  Pg 152-154  Compre Geog BK 4  Pg 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 discussion  Making notes  Observation | Textbooks  Black wall  Photograph | KLB BK 4  Pg 123-124  Cert Geog BK 4  Pg 146-152  Compre Geog BK 4  Pg 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 discussion  Making notes  Observation  Drawing map of Africa | Textbooks  Black wall  Atlas  Charts | KLB BK 4  Pg 129-134  Cert Geog BK 4  Pg 145-146  Compre Geog BK 4  Pg 162 |  |
|  | 3 | Types of Communication  Role of Transport and Communication in Economic Development | **By the end of the lesson the learner should be able to:-**  Discuss main types of communications  Outline the role of transport and communication in economic development of Africa | Class discussion  Making notes  Observation | Textbooks  Black wall  Photograph  Gadgets of communication, mobiles | KLB BK 4  Pg 127-136  Cert Geog BK 4  Pg 154-157  Compre Geog BK 4  Pg 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 Africa  Discuss efforts being made to solve these problems | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 136-138  Cert Geog BK 4  Pg 162-165  Compre Geog BK 4  Pg 181-183 |  |
|  | 5 | Case Study  Great 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 Canada  Explain problems facing Great lakes and St. Lawrence sea way | Class discussion  Making notes  Drawing map of St. Lawrence sea way | Textbooks  Chalkboard  Atlas | KLB BK 4  Pg 138-139  Cert Geog BK 4  Pg 162-165  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall | KLB BK 4  Pg 140-143  Cert Geog BK 4  Pg 164-165  Compre Geog BK 4  Pg 185-187 |  |
|  | 2 | Trade  Definition of trade  Types of trade | **By the end of the lesson the learner should be able to:-**  Define trade  Identify and discuss types of trade | Class discussion  Making notes | Textbooks  Black wall | KLBBK4Pg143-145  Cert Geog BK 4  Pg 166-172  Compre Geog BK 4  Pg 188-190 |  |
|  | 3 | Factors influencing trade  Major exports and imports of Kenya | **By the end of the lesson the learner should be able to:-**  Explain factors influencing trade  Identify major exports and imports of Kenya | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 147-149  Cert Geog BK 4  Pg 169-174  Compre Geog BK 4  Pg 190-194 |  |
|  | 4 | Significance of trade in Kenya  Problems facing trade in Kenya | **By the end of the lesson the learner should be able to:-**  Discuss significance of trade in Kenya  State problems facing trade in Kenya | Class discussion  Making notes | Textbooks  Black wall | KLB BK 4  Pg 149-152  Cert Geog BK 4  Pg 174-184  Compre Geog BK 4  Pg 195-198 |  |
|  | 5 | Future of international trade in Kenya  COMESA | **By the end of the lesson the learner should be able to:-**  Asses the future of international trade in Kenya  State objectives of COMESA | Class discussion  Making notes  Drawing maps | Textbooks  Black wall  Charts | KLB BK 4  Pg 152-155  Cert Geog BK 4  Pg 83-185  Compre Geog BK 4  Pg 198-204 |  |
| 13 | 1 | COMESA  SADDC | **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 discussion  Making notes | Textbooks  Chalkboard  Atlas | KLB BK 4  Pg 156  Cert Geog BK 4  Pg 187-188  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing maps | Textbooks  Black wall  Atlas  Maps | KLB BK 4  Pg 157-158  Cert Geog BK 4  Pg 188-191  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Map | KLB BK 4 Pg 160  Cert Geog BK 4  Pg 191  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 158-159  Cert Geog BK 4  Pg 180  Compre Geog BK 4  Pg 207 |  |
|  | 5 | Population  Definition of population  Factors influencing distribution of population in East Africa | **By the end of the lesson the learner should be able to:-**  Define population  Explain factors influencing population distribution in East Africa | Class discussion  Making notes | Textbooks  Black wall  Atlases | KLB BK 4  Pg 162-164  Cert Geog BK 4  Pg 195-197  Compre Geog BK 4  Pg 209-212 |  |
| 14 | 1 | Fertility  Mortality  Population growth | **By the end of the lesson the learner should be able to:-**  Define population growth  Discuss how fertility and mortality influence population | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 165-169  Cert Geog BK 4  Pg 197-199  Compre Geog BK 4  Pg 212-215 |  |
|  | 2 | Migration | **By the end of the lesson the learner should be able to:-**  Define migration  Explain migration as a factor of population growth  State causes of migration  Discuss types of migration  Explain the effects of migration | Class discussion  Making notes | Textbooks  Black wall | KLB BK 4  Pg 169-171  Cert Geog BK 4  Pg 199-205  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Charts | KLB BK 4  Pg 177-178  Cert Geog BK 4  Pg 205-212  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall | KLB BK 4  Pg 178-180  Cert Geog BK 4  Pg 212-213  Compre Geog BK 4  Pg 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 discussion  Making notes  Drawing map of Sweden | Textbooks  Black wall  Chart | KLB BK 4  Pg 184-185  Cert Geog BK 4  Pg 213-214  Compre Geog BK 4  Pg 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
3. Comprehensive Geography BK 4

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **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 discussion  Making notes  Observation | Textbooks  Chalkboard  Chart | KLB BK 4 Pg 184  Cert Geog BK 4  Pg 214  Compre Geog BK 4  Pg 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 discussion  Making notes  Question and answer | Textbooks  Chalkboard  Chart | KLB BK 4  Pg 177-179  Cert Geog BK 4  Pg 214-215 |  |
|  | 3 | Settlement  Definition of settlement and urbanization  Factors influencing settlement | **By the end of the lesson the learner should be able to:-**  Define settlement and urbanization  State factors influencing settlement and settlement patterns | Class discussion  Making notes | Textbooks  Black wall | KLB BK 4  Pg 186-188  Cert Geog BK 4  Pg 217-220  Compre Geog BK 4  Pg 234-236 |  |
|  | 4 | Major urban centres in East Africa  Factors 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 discussion  Making notes | Textbooks  Black wall  Atlas | KLB BK 4  Pg 193-196  Cert Geog BK 4  Pg 223-224  Compre Geog BK 4  Pg 236-238 |  |
|  | 5 | Internal structure of an ideal urban centre  Thika town (industrial town) | **By the end of the lesson the learner should be able to:-**  Describe the internal structure of an ideal urban centre  Account for growth and functions of Thika town as industrial centre | Class discussion  Making notes | Textbooks  Black wall  Photographs  Charts | KLB BK 4  Pg 197-198  Cert Geog BK 4  Pg 224-225  Compre Geog BK 4  Pg 236-238 |  |
| 3 | 1 | Kisumu Town as a lake port  Eldoret 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 port  Account for growth of Eldoret town as an agricultural centre | Class discussion  Making notes | Textbooks  Black wall  Atlas  Photographs | KLB BK 4  Pg 198-200  Cert Geog BK 4  Pg 226-228  Compre Geog BK 4  Pg 235-238 |  |
|  | 2 | Cities  Nairobi 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 discussion  Making notes | Textbooks  Chalkboard  Atlas | KLB BK 4  Pg 201-207  Cert Geog BK 4  Pg 223-233  Compre Geog BK 4  Pg 225-256 |  |
|  | 3 | Ports  Mombasa 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 discussion  Making notes  Question and answer | Textbooks  Black wall  Atlas | KLB BK 4  Pg 207-212  Cert Geog BK 4  Pg 234-238  Compre Geog BK 4  Pg 256-263 |  |
|  | 4 | Urbanization | **By the end of the lesson the learner should be able to:-**  Discuss the effects of urbanization | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 212-215  Cert Geog BK 4  Pg 238-240  Compre Geog BK 4  Pg 238-240 |  |
|  | 5 | Management and conservation of environment  Definition of:  Environment  Management  Conservation  -Why manage and  conserve environment | **By the end of the lesson the learner should be able to:-**  Define environment, management and conservation  State reasons for managing and conserving environment | Class discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 216-218  Cert Geog BK 4  Pg 241-243  Compre Geog BK 4  Pg 268-270 |  |
| 4 | 1 | Major environment hazards  Floods  Lightening | **By the end of the lesson the learner should be able to:-**  Outline causes, effects and control measures of floods and lightening | Class discussion  Making notes | Textbooks  Chalkboard  Photographs | KLB BK 4  Pg 224-227  Cert Geog BK 4  Pg 243-245  Compre Geog BK 4  Pg 270-275 |  |
|  | 2 | Windstorms  Pests 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 discussion  Making notes | Textbooks  Chalkboard | KLB BK 4  Pg 228-230  Cert Geog BK 4  Pg 245-247  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall  Photographs | KLBBK4Pg230-239  Cert Geog BK 4  Pg 247-251  Compre Geog BK 4  Pg 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 discussion  Making notes | Textbooks  Black wall | KLBBK4Pg236-240  Cert Geog BK 4  Pg 252-255  Compre Geog BK 4  Pg 286-290 |  |
|  | 5 | Review of the topic  Environment | **By the end of the lesson the learner should be able to:-**  Answer questions based on the topic | Class discussion  Questioning and answering | Textbooks  Black wall  Past papers | KLB BK 4  Pg 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 discussion  Answering Questions | Textbooks  Black wall  Past 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 discussion  Answering Questions | Textbooks  Black wall  Past 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 | Textbooks  Black wall  Past 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 discussion  Answering Questions | Textbooks  Black wall  Past 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 discussion  Answering Questions | Textbooks  Black wall  Past 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 discussion  Answering Questions | Black wall  Past 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

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC/S-TOPIC** | **OBJECTIVES** | **L/ACTIVITIES** | **L/T AIDS** | **REFERENCE** | **REMARKS** |
| 1 | 1-5 | Revision of mock geography papers from other districts  Paper 1 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 1 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 1 |  |
| 2 | 1-5 | Revision of mock geography papers from other districts  Paper 2 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 2 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 2 |  |
| 3 | 1-5 | Revision of mock geography papers from other districts  Paper 1 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 1 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 1 |  |
| 4 | 1-5 | Revision of mock geography papers from other districts  Paper 2 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 2 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 2 |  |
| 5 | 1-5 | Revision of mock geography papers from other districts  Paper 1 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 1 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 1 |  |
| 6 | 1-5 | Revision of mock geography papers from other districts  Paper 2 | **By the end of the lesson the learner should be able to:-**  Answer questions set in paper 2 | Answering questions  Asking questions | Black wall  Mock papers  Text books  Marking schemes | Mock papers  Paper 2 |  |
| 7-12 |  | **KCSE EXAMINATIONS** | | | | |  |