GEOGRAPHY SCHEMES OF WORK FORM 4

TERM 2

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| **WK** | **LSN** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| 1 | **Opening and Revision**  |
| 2 | 1 | WILDLIFE AND TOURISM  | Management and conservation of wildlife in East Africa.  | By the end of the lesson, the learner should be able to: Highlight some of the measures being taken to conserve wildlife in East Africa.  | Probing questions & discussion.  | Newspaper cuttings.  | Pg 57-59  |  |
| 2 | WILDLIFE AND TOURISM  | Tourism: Introduction. Factors of tourism in Kenya.  | By the end of the lesson, the learner should be able to: Define the terms tourism, eco-tourism, domestic tourism and international tourism.Explain factors influencing tourism in Kenya. | Probing questions;Exposition of new terms.Detailed discussion.  |  | Pg 59-64  |  |
| 3 | WILDLIFE AND TOURISM  | Tourist attractions in Kenya.  | By the end of the lesson, the learner should be able to: Identify tourist attractions in Kenya.  | Give specific examples of tourist attractions.  |  | Pg 64-69  |  |
| 4 | WILDLIFE AND TOURISM  | Significance of tourism. Problems associated with tourism.  | By the end of the lesson, the learner should be able to: Outline benefits of tourism to Kenya. Identify problems associated with tourism.  | Give specific examples of tourism benefits. Give specific examples of problems associated with tourism.  | Newspaper extracts.  | Pg 69-73  |  |
| 3 | 1 | WILDLIFE AND TOURISM ENERGY  | Tourism in Switzerland. Renewable sources of energy.  | By the end of the lesson, the learner should be able to: Account for development of tourism industry in Switzerland.Identify renewable sources of energy.  | Superficial case study.Probing questions;Brief discussion.  | Map: location of Switzerland.  | Pg 71  |  |
| 2 | ENERGY  | Non- renewable sources of energy  | By the end of the lesson, the learner should be able to: Identify non- renewable sources of energy.  | Brain storming;Brief discussion.  |  | Pg 80-82  |  |
| 3 | ENERGY  | H.E.P. stations & geothermal stations in Kenya.  | By the end of the lesson, the learner should be able to: Describe establishment and development of H.E.P. & geothermal stations in Kenya. | Brain storming;Brief discussion. | Map: HEP stations in Kenya.  | Pg 83-85  |  |
| 4 | ENERGY  | H.E.P. stations in Uganda.  | By the end of the lesson, the learner should be able to: Describe establishment and development of H.E.P. stations in Uganda. | Brief discussion. | Map: HEP stations in Kenya.  | Pg 85-86  |  |
| 4 | 1 | ENERGY  | Geothermal power projects in Africa.Energy crisis.  | By the end of the lesson, the learner should be able to: Identify major geothermal power sites in Africa.Explain some emerging issues related to energy crisis.  | Brief case study on Kariba and Akosombo dams.Brief discussion & probing questions.  | Map- HEP power projects in Africa.  | Pg 86-87  |  |
| 2 | ENERGY  | Management and conservation of energy.  | By the end of the lesson, the learner should be able to: Outline measures taken to manage and conserve energy.  | Brief discussion with probing questions.Review questions.  |  | Pg 91  |  |
| 3 | INDUSTRY  | Introduction. Definition and importance.  | By the end of the lesson, the learner should be able to: Define the terms industry and industrialization.Give reasons why industrialization is essential. | Brain storming;Discussion.  |  | Pg 93-97  |  |
| 4 | INDUSTRY  | Types of industries.Jua kali industries.  | By the end of the lesson, the learner should be able to: Describe the main types of industries in Kenya. Explain the role of jua kali industries in the growth of an economy.  | Give examples of each type Oral questions, brief discussion.  |  | Pg 98-102  |  |
| 5 | 1 | INDUSTRY  | Distribution of Agricultural industries in Kenya.  | By the end of the lesson, the learner should be able to: Describe the distribution of Agricultural industries in Kenya.  | Cite specific examples and the materials dealt in.  |  |  |  |
| 2 | INDUSTRY  | Distribution of non-agricultural industries in Kenya.  | By the end of the lesson, the learner should be able to: Describe the distribution of non-agricultural industries in Kenya.  | Cite specific examples and the materials dealt in.  |  |  |  |
| 3 | INDUSTRY  | Significance of industrialization in Kenya.  | By the end of the lesson, the learner should be able to: Highlight the significance of industrialization in Kenya.  | Oral questions, brief discussion.  |  |  |  |
| 4 | INDUSTRY  | Significance of industrialization in Kenya.  | By the end of the lesson, the learner should be able to: Highlight the significance of industrialization in Kenya.  | Oral questions, brief discussion.  |  |  |  |
| 6 | 1 | INDUSTRY  | Problems facing industrialization & industries in Kenya.  | By the end of the lesson, the learner should be able to: Identify problems facing industrialization & industries in Kenya.Suggest possible solutions to the problems. | Q/A & brief discussion.  |  | Pg 104-5  |  |
| 2 | INDUSTRY  | Cottage industry in India. Iron & steel industry in the Ruhr region.  | By the end of the lesson, the learner should be able to: Describe cottage industry in India.Explain the success of cottage industry in India. Explain factors that have led to development of iron & steel industry in the Ruhr region of Germany.  | Brief discussion.Give examples of activities in Cottage industry.Expository approach with specific examples.  | Map: industrial centers of India & Germany.  | Pg 104-7Pg 113  |  |
| 3 | INDUSTRY  | Car manufacturing & Electronics industry in Japan.  | By the end of the lesson, the learner should be able to: Explain factors that have led to development of car manufacturing & electronics industry in Japan. | Expository approach with specific examples.  | Maps: Japan?s major industrial centres.  | Pg 116-118  |  |
| 4 | INDUSTRY  | Car manufacturing & Electronics industry in Japan.  | By the end of the lesson, the learner should be able to: Explain factors that have led to development of car manufacturing & electronics industry in Japan. | Expository approach with specific examples.  | Maps: Japan?s major industrial centres.  | Pg 116-118  |  |
| 7 | 1 | TRANSPORT & COMMU.NICA- TION.  | Introduction. Road transport.  | By the end of the lesson, the learner should be able to: Define the terms transport, communication & tele-communication.State advantages & disadvantages of road transport.Identify problems facing road transport.Suggest ways of combating these problems. | Brainstorming, brief discussion; | Pg 120-21  |  |  |
| 2 | TRANSPORT & COMMU.NICA- TION.  | Railway transport.  | By the end of the lesson, the learner should be able to: State advantages & disadvantages of railway transport.Identify problems facing railway transport in Africa. | Oral questions, brief discussion.  | Pg 121-2  |  |  |
| 3 | TRANSPORT & COMMU.NICA- TION.  | Water transport.  | By the end of the lesson, the learner should be able to: Cite reasons for development of water transport in Africa.State advantages & disadvantages of water transport.Identify problems facing water transport in Africa. | Q/A ,brief discussion.  |  | Pg 123-4  |  |
| 3-4 | TRANSPORT & COMMU.NICA- TION.  | Water transport.  | By the end of the lesson, the learner should be able to: Cite reasons for development of water transport in Africa.State advantages & disadvantages of water transport.Identify problems facing water transport in Africa. | Q/A ,brief discussion.  |  | Pg 123-4  |  |
| 8 | **Mid Term Exams and Break** |
| 9 | 1 | TRANSPORT & COMMU.NICA- TION.  | Air transport.  | By the end of the lesson, the learner should be able to: Cite reasons for development of air transport in Africa.State advantages & disadvantages of air transport.Identify problems facing air transport in Africa. | Q/A, brief discussion.  | Maps: major airports in Africa.  | Pg 124 -5  |  |
| 2 | TRANSPORT & COMMU.NICA- TION.  | Pipelines, lifts & escalators.Types of communication systems.  | By the end of the lesson, the learner should be able to: State advantages & disadvantages of pipelines, lifts & escalators.Identify types of communication systems in Africa.  | Brief discussion, Q/A.Q/A, discussion & exposition of new concepts e.g. Facsimile, internet and e-mail.  |  | Pg 126  |  |
| 3 | TRANSPORT & COMMU.NICA- TION.  | Major lines of transport in Africa.  | By the end of the lesson, the learner should be able to: Identify major lines of transport in Africa.  | Locate major roads, railway lines, airlines and waterways on a map.  | Illustrative maps.  | Pg 129  |  |
| 4 | TRANSPORT & COMMU.NICA- TION.  | Role of transport & communication.Problems facing transport and communication in Africa.  | By the end of the lesson, the learner should be able to: Explain the role of transport & communication in the economic development of Africa.Identify major problems facing transport and communication in Africa.Highlight efforts being made to combat these problems.  | Brainstorming, probing questions & discussion.Probing questions & discussion.  |  | Pg 134-8  |  |
| 10 | 1 | TRANSPORT & COMMU.NICA- TION.  | Great Lakes and St. Lawrence Seaway.  | By the end of the lesson, the learner should be able to: Enumerate benefits of the project.Identify the role of the projects in the economies of USA and Canada.  | Brief case study on of St. Lawrence Seaway project. |  | Pg 140-1  |  |
| 2 | TRADE  | Types of trade.  | By the end of the lesson, the learner should be able to: Identify and describe types of trade.  | Brainstorming, probing questions and discussion on types of trade.  |  | Pg 143-5  |  |
| 3 | TRADE  | Factors influencing trade.  | By the end of the lesson, the learner should be able to: Identify factors that make trade possible.  | Q/A & Discussion.  |  | Pg 146-7  |  |
| 4 | TRADE  | Significance of trade to Kenya. Problems facing trade in Kenya.  | By the end of the lesson, the learner should be able to: Explain the significance of trade to Kenya. Identify major problems facing trade in Kenya.  | Oral questions, brief discussion.  | Balance of trade charts.  | Pg 149-152  |  |
| 11 | 1 | TRADE  | Regional Trade Blocs.  | By the end of the lesson, the learner should be able to: Describe establishment of regional trade blocs.Identify member countries of Regional Trade Blocs. Highlight benefits of Regional Trade Blocs.Identify problems facing Regional Trade Blocs.  | Descriptive approach on COMESA, SADC, and AU.Assignment.  |  | Pg 154-6  |  |
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| 3 | TRADE  | Regional Trade Blocs. (contd)  | By the end of the lesson, the learner should be able to: Describe establishment of regional trade blocs.Identify member countries of Regional Trade Blocs. Highlight benefits of Regional Trade Blocs.Identify problems facing Regional Trade Blocs.  | Descriptive approach of discussing WTO, ECOWAS, AGOA  |  | Pg 146 - 8  |  |
| 4 | POPULATION  | Population distribution in East Africa.  | By the end of the lesson, the learner should be able to: Define the term demography.Explain factors influencing population distribution in East Africa.  | Brain storming.& discussion.  |  | Pg 162-165  |  |
| 12 | 1 | POPULATION  | Population growth.Tools of detecting population growth.  | By the end of the lesson, the learner should be able to: Explain factors that influence population growth.Identify tools of detecting population growth.  | Exposition and explanation of new terms e.g. fertility, fecundity, mortality, milieu variables, e.t.cBrief discussion on census and sample surveys.  |  | Pg 165-6  |  |
| 2 | POPULATION  | Migration.  | By the end of the lesson, the learner should be able to: Identify causes of migration.Identify types of migration. | Q/A & discussion.  |  | Pg 168-9  |  |
| 3 | POPULATION  | Crude birth rate & crude death rate.  | By the end of the lesson, the learner should be able to: Define the terms crude birth rate & crude death rate.Calculate crude birth rate & crude death rate.  | Exposition of new concepts; Worked examples;Problem solving. |  | Pg 172-3  |  |
| 4 | POPULATION  | Population trends.  | By the end of the lesson, the learner should be able to: Explain the population transition theory.Identify the four demographic transition phases.  | Probing questions & expository approach:Teacher exposes and explains the new concepts relating to demographic trends. | Chart: demographic trends.  | Pg 173-4  |  |
| 13-14 | **End Term Exams and closing** |