**GEOGRAPHY SCHEMES OF WORK FORM 3**

**TERM 2**

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| **WK** | **LSN** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **RE** |
| 1 | **Opening and Revision** | | | | | | | |
| 2 | 1 | ACTION OF RIVERS. | River transportation. | By the end of the lesson, the learner should be able to:  Describe processes of river transportation of load. | Brief discussion with exposition of new concepts. |  | Certificate Book III Geography Pg 76-80 |  |
| 2 | ACTION OF RIVERS. | River deposition. | By the end of the lesson, the learner should be able to:  Describe processes of river deposition of load. | Exposition of new concepts; Brief discussion. |  | Certificate Book III Geography Pg 80-85 |  |
| 3 | ACTION OF RIVERS. | The youthful stage of a river. | By the end of the lesson, the learner should be able to:  Identify features associated with the youthful stage of a river. | Detailed discussion and drawing of illustrative diagrams. | Diagrams in textbooks. | Certificate Book III Geography Pg 92, 77-83 |  |
| 4 | ACTION OF RIVERS. | Mature stage of a river. | By the end of the lesson, the learner should be able to:  Identify features associated with the mature stage of a river. Give examples of such features in Kenya. | Detailed discussion, drawing of illustrative diagrams. | Diagrams in textbooks. | Certificate Book III Geography Pg 83-84, 92 |  |
| 3 | 1 | ACTION OF RIVERS. | The old stage of a river. | By the end of the lesson, the learner should be able to:  Identify features associated with the old stage of a river. Give examples of such features in Kenya. | Exposition, detailed discussion and drawing of illustrative diagrams & fieldwork. | Illustrative diagrams. | Certificate Book III Geography Pg 85-92 |  |
| 2 | ACTION OF RIVERS. | The old stage of a river. | By the end of the lesson, the learner should be able to:  Identify features associated with the old stage of a river. Give examples of such features in Kenya. | Exposition, detailed discussion and drawing of illustrative diagrams & fieldwork. | Illustrative diagrams. | Certificate Book III Geography Pg 85-92 |  |
| 3 | ACTION OF RIVERS. | River capture. River rejuvenation. | By the end of the lesson, the learner should be able to:  Define the term river capture. Identify conditions favouring river capture. Give examples of river captures in Kenya. Cite reasons for river rejuvenation. Describe landforms that result from river rejuvenation. | Exposition, detailed discussion and drawing of illustrative diagrams. Discussion with exposition and explanation of new terms. | Illustrative diagrams. | Certificate Book III Geography Pg 93-94 |  |
| 4 | ACTION OF RIVERS. | Drainage patterns. | By the end of the lesson, the learner should be able to:  Define the term drainage pattern.  Describe various drainage patterns.  Cite examples of specific drainage patterns in Kenya. | Review types of drainage patterns; Detailed discussion on types of drainage patterns; Illustrative diagrams & Give examples of specific drainage pattern. | Illustrative diagrams. | Certificate Book III Geography Pg 95-99 |  |
| 4 | 1 | ACTION OF RIVERS. | Drainage systems. | By the end of the lesson, the learner should be able to:  Give types of drainage systems. | Exposition; Brief discussion. |  | Certificate Book III Geography Pg 99-101 |  |
| 2 | ACTION OF RIVERS.  LAKES | Significance of rivers and associated features. Lakes formed by tectonic movements and downwarping. | By the end of the lesson, the learner should be able to:  Explain the significance of rivers and associated features to humankind and a country. Explain formation of rift lakes. Explain formation of lakes by downwarping. | Q/A, brief discussion, giving examples pf important specific features. Q/A to review formation of the Rift Valley. Discuss & cite examples of such lakes. | Maps showing distribution of lakes. | Certificate Book III Geography Pg 101-2 |  |
| 3 | LAKES | Lakes formed by volcanicity. | By the end of the lesson, the learner should be able to:  Explain formation of crater lakes and lava - dammed lakes. | Q/A to review volcanic action; Brief discussion. | Maps showing distribution of lakes. | Certificate Book III Geography Pg 178-180 |  |
| 4 | LAKES | Lakes resulting from erosion. Lakes resulting from glaciation. | By the end of the lesson, the learner should be able to:  Explain formation of as a result of erosion. Explain formation of lakes resulting from glaciation. Cite examples of lakes resulting from glaciation. | Q/A and Brief discussion. Students refer to maps. | Maps showing distribution of lakes. | Certificate Book III Geography Pg 180 |  |
| 5 | 1 | LAKES | Lakes formed by deposition. & other modes. | By the end of the lesson, the learner should be able to:  Identify types of lakes formed by deposition.  Cite examples of lakes formed by other modes. | Brief discussion, citing examples & locating them in the map. | Maps showing distribution of lakes. | Certificate Book III Geography Pg 181-2 |  |
| 2 | LAKES  OCEANS, SEAS & COASTS | Significance of lakes. Distinction between oceans and seas. Nature of sea water. | By the end of the lesson, the learner should be able to:  Explain the significance of lakes to humankind and the country. Distinguish between oceans and seas. Compare and contrast seas and oceans.  Describe nature of sea water. | Oral questions and brief discussion. Topic assessment. / Assignment. Exposition. Q/A & discussion. | World map. | Bk III Cert. Geography Pg 182-4 |  |
| 3 | OCEANS, SEAS & COASTS | Water movements in oceans. | By the end of the lesson, the learner should be able to:  Give reasons for vertical and horizontal movements of water. | Probing questions & explanations. |  | Cert. Bk III Geography Pg 106- |  |
| 4 | OCEANS, SEAS & COASTS | Major ocean currents. Tides. | By the end of the lesson, the learner should be able to:  State characteristics of major ocean currents. Give examples of some ocean currents. Describe causes of tides. Identify types of tides. | Discussion and oral questions. Probing questions & explanations. |  | Cert. Bk III Geography Pg 182-4 |  |
| 6 | 1 | OCEANS, SEAS & COASTS | Waves. | By the end of the lesson, the learner should be able to:  Describe formation of waves. Identify types of waves. | Explanations and oral questions. |  | Bk III Cert. Geography Pg 111-3 |  |
| 2 | OCEANS, SEAS & COASTS | Wave action & resultant features. Wave transportation. | By the end of the lesson, the learner should be able to:  Describe processes of wave erosion. Identify features resulting from wave action. Describe features resulting from wave transportation. | Explanations, probing questions & discussion. Refer to diagrams. Review river transportation; Brief discussion. | Illustrative Diagrams. | Bk III Cert. Geography Pg 113-6 |  |
| 3 | OCEANS, SEAS & COASTS | Wave deposition. | By the end of the lesson, the learner should be able to:  Describe deposition by waves. | Review river deposition. Brief discussion. |  | Bk III Cert. Geography Pg 117-120 |  |
| 4 | OCEANS, SEAS & COASTS | Features resulting from wave deposition. | By the end of the lesson, the learner should be able to:  Describe features resulting from wave deposition. | Review river deposition. Brief discussion. |  | Bk III Cert. Geography Pg 120-122 |  |
| 7 | 1 | OCEANS, SEAS & COASTS | Types of coasts: Submerged coasts. | By the end of the lesson, the learner should be able to:    Identify types of submerged coasts. | Explanations & illustrative diagrams. |  | Bk III Cert. Geography Pg 123-7 |  |
| 2 | OCEANS, SEAS & COASTS | Emerged coasts. Coral coasts. | By the end of the lesson, the learner should be able to:  Identify types of emerged coasts. Identify conditions necessary for growth of polyps. Identify types of coral reefs. | Explanations & illustrative diagrams. Discussion & illustrative diagrams. |  | Bk III Cert. Geography Pg 127-9 |  |
| 3 | OCEANS, SEAS & COASTS | Significance of oceans, seas and coastal features. | By the end of the lesson, the learner should be able to:  Explain the significance of oceans, seas and coastal features to humankind and to a country / region. | Q/A, brief discussion. |  | Cert. Geography Bk III Pg 134-6 |  |
| 4 | ACTION OF WIND AND WATER IN ARID AREAS. | Processes of wind erosion.  Features resulting from wind erosion. | By the end of the lesson, the learner should be able to:  Describe processes of wind erosion. Identify features resulting from wind erosion. | Discussion: abrasion, attrition & deflation processes of erosion. Exposition of new concepts. Explanations & drawing illustrative diagrams. | Map of Africa showing distribution of arid zones. | Cert. Geography  Bk III Pg 137-139 |  |
| 8 | **Mid Term Exams and Break** | | | | | | | |
| 9 | 1 | ACTION OF WIND AND WATER IN ARID AREAS. | Wind transportation. | By the end of the lesson, the learner should be able to:  Explain the ways in which wind transports its load. State factors affecting wind transportation. | Exposition, explanations & illustrative diagrams. |  | Cert. Geography  Bk III Pg 143-4 |  |
| 2 | ACTION OF WIND AND WATER IN ARID AREAS. | Wind transportation. | By the end of the lesson, the learner should be able to:  Explain the ways in which wind transports its load. State factors affecting wind transportation. | Exposition, explanations & illustrative diagrams. |  | Cert. Geography  Bk III Pg 143-4 |  |
| 3 | ACTION OF WIND AND WATER IN ARID AREAS. | Features resulting from wind deposition. | By the end of the lesson, the learner should be able to:  Identify features resulting from wind deposition.  Explain formation of wind deposition. | Exposition, explanations & drawing illustrative diagrams. |  | Cert. Geography  Bk III Pg 144-7 |  |
| 4 | ACTION OF WIND AND WATER IN ARID AREAS. | Action of water in arid areas. | By the end of the lesson, the learner should be able to:  describe action of water in arid areas. | Brain storming; Brief discussion. |  | Cert. Geography  Bk III Pg 147 |  |
| 10 | 1 | ACTION OF WIND AND WATER IN ARID AREAS. | Resultant features of water action in arid areas. | By the end of the lesson, the learner should be able to:  Identify features resulting from action of water in arid areas. | Exposition, explanations and illustrative diagrams. | Illustrative diagrams. | Cert. Geography  Bk III Pg 147-152 |  |
| 2 | ACTION OF WIND AND WATER IN ARID AREAS.  ACTION OF WATER IN LIMESTONE AREAS. | Significance of features in arid areas. Surface and underground water. | By the end of the lesson, the learner should be able to:  Explain the significance of features formed by water and wind action in arid zones. Describe processes leading to surface and underground water. | Brain storming; Brief discussion. Probing questions on sources of water, infiltration of water, etc. |  | Cert. Geography  Bk III Pg 152--3 |  |
| 3 | ACTION OF WATER IN LIMESTONE AREAS. | Occurrence of underground water. Significance of underground water. | By the end of the lesson, the learner should be able to:  Explain factors, which affect the occurrence of underground water. Identify features resulting from underground water. Explain the importance of underground water. Outline significance of underground water. | Exposition & explanations. Probing questions. Brief discussion and probing questions. |  | Cert. Geography  Bk III Pg 155-8 |  |
| 4 | ACTION OF WATER IN LIMESTONE AREAS. | Karst landscape. | By the end of the lesson, the learner should be able to:  Describe development of a Karst landscape. | Explanations and illustrative diagrams. |  | Cert. Geography  Bk III Pg 159 |  |
| 11 | 1 | ACTION OF WATER IN LIMESTONE AREAS.  GLACIATION | Karst features. Types of glaciers. | By the end of the lesson, the learner should be able to:  Identify Karst features on the surface and underground. Explain the significance of Karst features. Define the terms glaciation and glacier. Identify types of glaciers. | Explanations and illustrative diagrams; Q/A & brief discussion. Brief discussion. |  | Cert. Geography  Bk III Pg 160-163 |  |
| 2 | GLACIATION | Processes of glaciation and resultant features. | By the end of the lesson, the learner should be able to:  Describe the processes of glacial erosion, transportation and deposition. | Probing questions & Drawing illustrative diagrams. | Illustrative diagrams. | Cert. Geography  Bk III Pg 166 |  |
| 3 | GLACIATION | Processes of glaciation and resultant features. | By the end of the lesson, the learner should be able to:  Describe the processes of glacial erosion, transportation and deposition. | Probing questions & Drawing illustrative diagrams. | Illustrative diagrams. | Cert. Geography  Bk III Pg 166 |  |
| 4 | GLACIATION | Glaciation in highland areas. | By the end of the lesson, the learner should be able to:  Identify features formed by glaciation in highland areas. Describe formation of features by glaciation in highlands. | Exposition & explanations.  Drawing diagrams. | Illustrative diagrams. | Cert. Geography  Bk III Pg 166-8 |  |
| 12 | 1 | GLACIATION | Glaciation in lowland areas. | By the end of the lesson, the learner should be able to:  Identify features formed by glaciation in lowland areas. Describe formation of features by glaciation in lowland areas. | Exposition & explanations.   Drawing diagrams. | Illustrative diagrams. | Cert. Geography  Bk III Pg 172-3 |  |
| 2 | GLACIATION | Significance of glaciation. | By the end of the lesson, the learner should be able to:  Highlight significance of glaciation. | Q/A and brief discussion. |  | Cert. Geography  Bk III Pg 175-6 |  |
| 3 | SOIL. | Soil constituents. | By the end of the lesson, the learner should be able to:    Define the term soil. Describe composition of soil. | Q/A: review soil profile, soil structure, etc. Brief discussion. |  | Cert. Geography  Bk III Pg 193-195 |  |
| 4 | SOIL. | Soil formation. | By the end of the lesson, the learner should be able to:  Explain processes through which soil is formed. | Q/A: review weathering. Detailed discussion & illustrative diagrams. |  | Cert. Geography  Bk III Pg 195-6 |  |
| 13-14 | **End Term Exams and closing** | | | | | | | |