**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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 GeographyPg 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 andBrief discussion.Students refer to maps.  | Maps showing distribution of lakes.  | Certificate Book III GeographyPg 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 GeographyPg 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. GeographyPg 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 GeographyPg 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 GeographyPg 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. GeographyPg 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.  | IllustrativeDiagrams.  | Bk III Cert. GeographyPg 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. GeographyPg 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. GeographyPg 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. GeographyPg 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. GeographyPg 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. GeographyBk IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 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 IIIPg 195-6  |  |
| 13-14 | **End Term Exams and closing** |