

|        |        | <i>SCHEME OF WORK FORM THREE GEOGRAPHY TERM ONE</i>                  |                                                                                                                                                |                                                                                                                                     |                            |                                              |         |
|--------|--------|----------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------|---------|
| WK NO. | L/ NO. | TOPIC/ SUBTOPIC                                                      | LESSON OBJECTIVES                                                                                                                              | TEACHING / LEARNING ACTIVITIES                                                                                                      | RESOURCES                  | REFERENCES                                   | REMARKS |
| 1      | 1      | <b>STATISTICAL METHODS.</b><br><br>Compound / Cumulative Bar Graphs. | <u>By the end of the lesson, the learner should be able to:</u><br>Highlight steps followed when constructing compound / cumulative bar graphs | Q/A to review basic statistical concepts, simple bar graphs;<br>Exposition of steps followed when constructing compound bar graphs. |                            | <i>Certificate Geography Book III Pg 1-2</i> |         |
|        | 2      | Compound / Cumulative Bar Graphs.                                    | Construct compound / cumulative bar graphs.                                                                                                    | Copy and complete tables of variables.<br>Worked example;<br>Supervised practice.                                                   | Graph papers, Calculators. | <i>Certificate Geography Book III Pg 2-3</i> |         |
|        | 3      | Compound / Cumulative Bar Graphs.                                    | Interpret compound/ cumulative bar graphs. State advantages and disadvantages of compound/ cumulative bar graphs.                              | Probing questions & brief discussion.                                                                                               |                            | <i>Certificate Geography Book III Pg 3-4</i> |         |
|        | 4      | Simple Pie charts (Divided Circle).<br>- construction.               | Construct simple pie charts.                                                                                                                   | Students determine value of angles for the variables.<br>Guided activity & Brief discussion.                                        | Calculators.               | <i>Certificate Geography Book III Pg 14</i>  |         |

|   |   |                                                                                                             |                                                                                                                                                                                  |                                                                                                                                                  |                     |                                                |  |
|---|---|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------|--|
| 2 | 1 | Simple Pie charts (Divided Circle).<br>- interpretation.                                                    | Interpret simple pie charts<br>State advantages and disadvantages of simple pie charts.                                                                                          | Guided discovery;<br>Written exercise.                                                                                                           | Calculators.        | <i>Certificate Geography Book III Pg 8-11</i>  |  |
| 2 | 2 | Proportional circles.                                                                                       | Interpret proportional circles.                                                                                                                                                  | Teacher explains the steps followed to construct proportional circles.<br>Students carry out some calculations.<br>Discussion & Interpretations. | Calculators.        | <i>Certificate Geography Book III Pg 12-14</i> |  |
|   | 3 | Proportional circles.                                                                                       | Construct proportional circles.                                                                                                                                                  | Guided discovery;<br>Written exercise.                                                                                                           |                     | <i>Certificate Geography Book III Pg 10-11</i> |  |
|   | 4 | <b>MAP WORK.</b><br>Terms used & precautions observed when describing physical features & human activities. | Identify terms used to describe physical features & human activities represented in a map.<br>Outline precautions observed when describing physical features & human activities. | Oral questions & detailed discussion.                                                                                                            | Topographical maps. | <i>Certificate Geography Book III Pg 14-16</i> |  |
| 3 | 1 | Physical features.                                                                                          | Identify physical features.                                                                                                                                                      | Brain storming on features on topographical maps.<br>Drawing illustrative diagrams;<br>Discussion.                                               | Topographical maps. | <i>Certificate Book III Geography Pg 16-19</i> |  |

|   |   |                    |                                                                                                                                                                     |                                                                                                                                                          |                     |                                                        |  |
|---|---|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------------------------------------------|--|
|   | 2 | Relief features.   | Identify relief features on a map.                                                                                                                                  | Locating relief features;<br>Drawing illustrative diagrams;<br>Discussion.                                                                               |                     | <i>Certificate Book<br/>III Geography<br/>Pg 19-22</i> |  |
| 3 | 3 | Land forms.        | Identify landforms on a topographical map using contours.<br>Identify types of vegetation on a topographical map.                                                   | Q/A & brief discussion;<br>Supervised practical activity.                                                                                                | Topographical maps. | <i>Certificate Book<br/>III Geography<br/>Pg 18-21</i> |  |
|   | 4 | Watersheds.        | Identify watersheds on a map.                                                                                                                                       | Locating watersheds;<br>Drawing illustrative diagrams;<br>Discussion.                                                                                    |                     | <i>Certificate Book<br/>III Geography<br/>Pg 23-25</i> |  |
| 4 | 1 | Vegetation.        | Identify types of vegetation.                                                                                                                                       | Q/A & brief discussion:<br>rolling, dissected, hilly landforms & valleys.                                                                                | Topographical maps. | <i>Certificate Book<br/>III Geography<br/>Pg 25</i>    |  |
|   | 2 | Vegetation cover.  | Interpret vegetation cover in terms of amount of rainfall received in the area, and the types of soils in the area.                                                 | Locate forests, thickets, and riverine trees on a map.<br>Deduce amount of rainfall received and the likely types of soils in specific parts of an area. | Topographical maps. | <i>Certificate Book<br/>III Geography<br/>Pg 25</i>    |  |
|   | 3 | Drainage.          | Identify natural /artificial hydrographic features in a map.<br>Make deductions from the hydrographic features evident on the drainage of a given section in a map. | Detailed discussion on drainage of sections in the map.<br><br>Deduce amount of rainfall received and nature of underground rocks, etc.                  | Topographical maps. | <i>Certificate Book<br/>III Geography<br/>Pg 27-30</i> |  |
|   | 4 | Drainage patterns. | Describe drainage patterns of an area represented by a map.                                                                                                         | Oral questions & brief discussion.                                                                                                                       | Topographical maps. | <i>Certificate Book<br/>III Geography<br/>Pg 30</i>    |  |

|   |   |                                                                                           |                                                                                                                                                                |                                                                      |                     |                                                |  |
|---|---|-------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------|------------------------------------------------|--|
| 5 | 1 | Drainage features.                                                                        | Identify drainage features on a map.<br>Describe formation of drainage features.<br>Outline economic importance of drainage features.                          | Brief discussion & Q/A.                                              | Topographical maps. | <i>Certificate Book III Geography Pg 30-31</i> |  |
|   | 2 | Human and economic activities:<br><br>Crop farming, livestock rearing & Mining & fishing. | Identify clues on a map that indicate presence of crop farming and livestock rearing.<br>Identify clues on a map that indicate presence of mining and fishing. | Q/A & practical activities.<br><br>Group activities.                 | Topographical maps. | <i>Certificate Book III Geography Pg 31-32</i> |  |
|   | 3 | Manufacturing, Processing & Tourism.                                                      | Identify clues on a map that indicate manufacturing, processing and tourism in an area.                                                                        | Q/A & practical activities.                                          | Topographical maps. | <i>Certificate Book III Geography Pg 32-33</i> |  |
|   | 4 | Settlement and administration.                                                            | Outline factors influencing settlement.<br>Identify types of settlement patterns.<br>Identify symbols for administrative boundaries.                           | Exposition of new concepts.<br><br>Probing questions and discussion. | Topographical maps. | <i>Certificate Book III Geography Pg 34</i>    |  |
| 6 | 1 | Transport & Communication.                                                                | Identify modes of transport & communication of an area as depicted in a topographical map.                                                                     | Practical activities.<br><br>Brief discussion.                       | Topographical maps. | <i>Certificate Book III Geography Pg 35</i>    |  |

|   |             |                                                             |                                                                                                                                                     |                                                                                                              |                     |                                                |  |
|---|-------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------|--|
| 6 | 2           | Enlargement & Reduction of maps.                            | Enlarge / reduce a map or a section of a map using the square method.                                                                               | Explanations & practical activities.                                                                         | Topographical maps. | <i>Certificate Book III Geography Pg 39-40</i> |  |
|   | 3,4         | Sections and profiles.                                      | Define the term section as used in mapwork.<br>Explain importance of sections in interpreting maps.<br>Draw various types of sections and profiles. | Exposition & brief discussion.<br><br>Guided practical activities.                                           | Topographical maps. | <i>Certificate Book III Geography Pg 41-44</i> |  |
| 7 | 1,<br><br>2 | Vertical Exaggeration (VE), Gradient & Intervisibility.     | Calculate VE of a map.<br>Determine the steepness of a slope between two given points.<br>Determine whether two points in a map are intervisible.   | Guided calculations.<br>Guided practical activities.<br><br>Practical activity to determine intervisibility. | Topographical maps. | <i>Certificate Book III Geography Pg 45-47</i> |  |
|   | 3,4         | TEST & MID-TERM BREAK                                       |                                                                                                                                                     |                                                                                                              |                     |                                                |  |
| 8 | 1           | <b>WEATHERING</b><br><br>Definition & Agents of weathering. | Define weathering.<br>Identify agents of weathering.<br>Explain factors that influence weathering.                                                  | Brain storming;<br>Q/A & detailed discussion.                                                                |                     | <i>Certificate Book III Geography Pg 54-55</i> |  |

|    |     |                                                               |                                                                                               |                                                                                                      |  |                                                        |  |
|----|-----|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|--|
|    | 2   | Physical weathering.                                          | Define physical weathering.<br>Explain major forms of physical weathering.                    | Oral questions, brief discussion.                                                                    |  | <i>Certificate Book<br/>III Geography<br/>Pg 55-59</i> |  |
|    | 3,4 | Chemical weathering.                                          | Explain ways in which chemical weathering takes place.                                        | Probing questions & discussion.                                                                      |  | <i>Certificate Book<br/>III Geography<br/>Pg 60-61</i> |  |
| 9  | 1   | Biological weathering.<br><br>Importance of weathering.       | Identify agents of biological weathering.<br><br>Explain importance of weathering.            | Probing questions & discussion.                                                                      |  | <i>Certificate Book<br/>III Geography<br/>Pg 61-64</i> |  |
|    | 2   | <b>MASS WASTING.</b><br><br>Factors influencing mass wasting. | Define the term mass wasting & mass movement.<br>Explain factors that influence mass wasting. | Q/A: review weathering.<br>Discussion: factors affecting nature or speed of mass wasting & movement. |  | <i>Certificate Book<br/>III Geography<br/>Pg 64-66</i> |  |
|    | 3   | Slow mass wasting.                                            | Describe slow processes of mass wasting.                                                      | Discussion: soil creep & talus creep.<br>Q/A: factors that may trigger slow mass wasting.            |  | <i>Certificate Book<br/>III Geography<br/>Pg 66-68</i> |  |
|    | 4   | Rapid mass wasting.                                           | Describe rapid processes of mass wasting.                                                     | Exposition, Q/A & discussion.                                                                        |  | <i>Certificate Book<br/>III Geography<br/>Pg 68-71</i> |  |
| 10 | 1   | Effects of mass wasting.                                      | Explain effects of mass wasting on physical and human environment.                            | Brief discussion.<br>Highlight positive and negative effects.                                        |  | <i>Certificate Book<br/>III Geography<br/>Pg 71-72</i> |  |

|    |   |                                                                                             |                                                                                                                                |                                                                                       |                                      |                                                 |  |
|----|---|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--|
| 10 | 2 | <b>THE HYDROLOGICAL CYCLE.</b><br><br>Input & output processes of the hydrological cycle.   | Identify input and output processes of the hydrological cycle.                                                                 | Q/A: forms of precipitation.<br>Q/A & brief discussion on the major output processes. | Chart – the hydrological cycle.      | <i>Certificate Book III Geography Pg 73</i>     |  |
|    | 3 | Internal transfer processes of the hydrological cycle.                                      | Describe movement of water in the atmosphere, land and oceans.                                                                 | Exposition of new terms & brief discussion.                                           |                                      | <i>Certificate Book III Geography Pg 73</i>     |  |
|    | 4 | Storage processes of the hydrological cycle.<br><br>Significance of the hydrological cycle. | Identify surface storages, ground water storage and the cyrosphere.<br><br>Explain the significance of the hydrological cycle. | Exposition of new terms & brief discussion.                                           |                                      | <i>CCertificate Book III Geography Pg 73-74</i> |  |
| 11 | 1 | <b>ACTION OF RIVERS.</b><br><br>Terms related to action of rivers.                          | Define terms related to action of rivers.                                                                                      | Exposition of new terms & Q/A with reference to diagrams and contour maps.            | Contour maps, diagrams in textbooks. | <i>Certificate Book III Geography Pg 74-76</i>  |  |
|    | 2 | River erosion.                                                                              | Describe the processes of river erosion.                                                                                       | Exposition of new terms, Explanations & detailed Discussion.                          |                                      | <i>Certificate Book III Geography Pg 76-77</i>  |  |

|       |     |                                        |                                                      |                                                              |                        |                                                |  |
|-------|-----|----------------------------------------|------------------------------------------------------|--------------------------------------------------------------|------------------------|------------------------------------------------|--|
| 11    | 3   | Factors affecting river erosion.       | Explain factors affecting the rate of river erosion. | Probing questions, Brief discussion & illustrative diagrams. | Illustrative diagrams. | <i>Certificate Book III Geography Pg 77-78</i> |  |
|       | 4   | River transportation.                  | Describe processes of river transportation of load.  | Brief discussion with exposition of new concepts.            |                        | <i>Certificate Book III Geography Pg 76-80</i> |  |
| 12    | 1-2 | River deposition.                      | Describe processes of river deposition of load.      | Exposition of new concepts; Brief discussion.                |                        | <i>Certificate Book III Geography Pg 80-85</i> |  |
| 12-13 |     | <b>END OF TERM ONE ASSESSMENT TEST</b> |                                                      |                                                              |                        |                                                |  |

|        |        | SCHEME OF WORK FORM THREE GEOGRAPHY TERM TWO |                                                                                                                             |                                                                                   |                        |                                             |         |  |
|--------|--------|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------|---------------------------------------------|---------|--|
| WK NO. | L/ NO. | TOPIC/ SUBTOPIC                              | LESSON OBJECTIVES                                                                                                           | TEACHING / LEARNING ACTIVITIES                                                    | RESOURCES              | REFERENCES                                  | REMARKS |  |
| 1      | 1,2    | The youthful stage of a river.               | 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 |         |  |
|        | 3-4    | Mature stage of a river.                     | Identify features associated with the mature stage of a river.<br>Give examples of such features in Kenya.                  | Detailed discussion, drawing of illustrative diagrams.                            | Diagrams in textbooks. | Certificate Book III Geography Pg 83-84, 92 |         |  |
| 2      | 1,2    | The old stage of a river.                    | Identify features associated with the old stage of a river.<br>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      | River capture.                               | Define the term river capture.<br>Identify conditions favouring river capture.<br>Give examples of river captures in Kenya. | Exposition, detailed discussion and drawing of illustrative diagrams.             |                        | Certificate Book III Geography Pg 93-94     |         |  |

|   |     |                                                                         |                                                                                                                                           |                                                                                                                                                                    |                                     |                                                          |  |
|---|-----|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------|--|
|   | 4   | River rejuvenation.                                                     | Cite reasons for river rejuvenation.<br>Describe landforms that result from river rejuvenation.                                           | Discussion with exposition and explanation of new terms.                                                                                                           | Illustrative diagrams.              | <i>Certificate Book<br/>III Geography<br/>Pg 94-95</i>   |  |
| 3 | 1,2 | Drainage patterns.                                                      | Define the term drainage pattern.<br><br>Describe various drainage patterns.<br><br>Cite examples of specific drainage patterns in Kenya. | Review types of drainage patterns;<br>Detailed discussion on types of drainage patterns;<br>Illustrative diagrams &<br>Give examples of specific drainage pattern. | Illustrative diagrams.              | <i>Certificate Book<br/>III Geography<br/>Pg 95-99</i>   |  |
|   | 3   | Drainage systems.                                                       | Give types of drainage systems.                                                                                                           | Exposition;<br>Brief discussion.                                                                                                                                   |                                     | <i>Certificate Book<br/>III Geography<br/>Pg 99-101</i>  |  |
|   | 4   | Significance of rivers and associated features.                         | Explain the significance of rivers and associated features to humankind and a country.                                                    | Q/A, brief discussion, giving examples of important specific features.                                                                                             |                                     | <i>Certificate Book<br/>III Geography<br/>Pg 101-2</i>   |  |
| 4 | 1   | <b>LAKES</b><br><br>Lakes formed by tectonic movements and downwarping. | Explain formation of rift lakes.<br>Explain formation of lakes by downwarping.                                                            | Q/A to review formation of the Rift Valley.<br>Discuss & cite examples of such lakes.                                                                              | Maps showing distribution of lakes. | <i>Certificate Book<br/>III Geography<br/>Pg 177-8</i>   |  |
|   | 2   | Lakes formed by volcanicity.                                            | Explain formation of crater lakes and lava - dammed lakes.                                                                                | Q/A to review volcanic action;<br>Brief discussion.                                                                                                                | Maps showing distribution of lakes. | <i>Certificate Book<br/>III Geography<br/>Pg 178-180</i> |  |

|   |   |                                                                                                          |                                                                                                          |                                                                      |                                     |                                                |  |
|---|---|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------|------------------------------------------------|--|
| 4 | 3 | Lakes resulting from erosion.                                                                            | Explain formation of as a result of erosion.                                                             | Q/A and Brief discussion.                                            | Maps showing distribution of lakes. | <i>Certificate Book III Geography Pg 180</i>   |  |
|   | 4 | Lakes resulting from glaciation.                                                                         | Explain formation of lakes resulting from glaciation. Cite examples of lakes resulting from glaciation.  | Brief discussion. Students refer to maps.                            | Maps showing distribution of lakes. | <i>Certificate Book III Geography Pg 180</i>   |  |
| 5 | 1 | Lakes formed by deposition. & other modes.                                                               | 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. | <i>Certificate Book III Geography Pg 181-2</i> |  |
|   | 2 | Significance of lakes.                                                                                   | Explain the significance of lakes to humankind and the country.                                          | Oral questions and brief discussion. Topic assessment. / Assignment. |                                     | <i>Bk III Cert. Geography Pg 182-4</i>         |  |
|   | 3 | <b>OCEANS, SEAS &amp; COASTS</b><br><br>Distinction between oceans and seas.<br><br>Nature of sea water. | Distinguish between oceans and seas. Compare and contrast seas and oceans. Describe nature of sea water. | Exposition. Q/A & discussion.                                        | World map.                          | <i>Bk III Cert. Geography Pg 104-5</i>         |  |
|   | 4 | Water movements in oceans.                                                                               | Give reasons for vertical and horizontal movements of water.                                             | Probing questions & explanations.                                    |                                     | <i>Cert. Bk III Geography Pg 106-</i>          |  |

|   |     |                                                  |                                                                                         |                                                                     |                        |                                          |  |
|---|-----|--------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------|------------------------------------------|--|
| 6 | 1   | Major ocean currents.                            | State characteristics of major ocean currents.<br>Give examples of some ocean currents. | Discussion and oral questions.                                      |                        | <i>Cert. Bk III Geography Pg 182-4</i>   |  |
|   | 2   | Tides.                                           | Describe causes of tides.<br>Identify types of tides.                                   | Probing questions & explanations.                                   |                        | <i>Cert. Geography Pg 108-110</i>        |  |
| 6 | 3   | Waves.                                           | Describe formation of waves.<br>Identify types of waves.                                | Explanations and oral questions.                                    |                        | <i>Bk III Cert. Geography Pg 111-3</i>   |  |
|   | 4   | Wave action & resultant features.                | Describe processes of wave erosion.<br>Identify features resulting from wave action.    | Explanations, probing questions & discussion.<br>Refer to diagrams. | Illustrative Diagrams. | <i>Bk III Cert. Geography Pg 113-6</i>   |  |
| 7 | 1-2 | TEST & MID TERM BREAK                            |                                                                                         |                                                                     |                        |                                          |  |
|   | 3   | Wave transportation.                             | Describe features resulting from wave transportation.                                   | Review river transportation;<br>Brief discussion.                   |                        | <i>Bk III Cert. Geography Pg 116-7</i>   |  |
|   | 4   | Wave deposition.                                 | Describe deposition by waves.                                                           | Review river deposition.<br>Brief discussion.                       |                        | <i>Bk III Cert. Geography Pg 117-120</i> |  |
| 8 | 1,2 | Features resulting from wave deposition.         | Describe features resulting from wave deposition.                                       | Review river deposition.<br>Brief discussion.                       |                        | <i>Bk III Cert. Geography Pg 120-122</i> |  |
|   | 3   | <b>Types of coasts:</b><br><br>Submerged coasts. | Identify types of submerged coasts.                                                     | Explanations & illustrative diagrams.                               |                        | <i>Bk III Cert. Geography Pg 123-7</i>   |  |

|    |     |                                                                                  |                                                                                                       |                                                                                                  |                                                   |                                          |  |
|----|-----|----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------|------------------------------------------|--|
|    | 4   | Emerg ed coasts.                                                                 | Identify types of emerg ed coasts.                                                                    | Explanations & illustrative diagrams.                                                            |                                                   | <i>Bk III Cert. Geography Pg 127-9</i>   |  |
| 9  | 1   | Coral coasts.                                                                    | Identify conditions necessary for growth of polyps.<br>Identify types of coral reefs.                 | Discussion & illustrative diagrams.                                                              |                                                   | <i>Bk III Cert. Geography Pg 130-134</i> |  |
|    | 2   | Significance of oceans, seas and coastal features.                               | Explain the significance of oceans, seas and coastal features to humankind and to a country / region. | Q/A, brief discussion.                                                                           |                                                   | <i>Cert. Geography Bk III Pg 134-6</i>   |  |
|    | 3   | <b>ACTION OF WIND AND WATER IN ARID AREAS.</b><br><br>Processes of wind erosion. | Describe processes of wind erosion.                                                                   | Discussion: abrasion, attrition & deflation processes of erosion.<br>Exposition of new concepts. | Map of Africa showing distribution of arid zones. | <i>Cert. Geography Bk III Pg 137-139</i> |  |
|    | 4   | <b>Features resulting from wind erosion.</b>                                     | Identify features resulting from wind erosion.                                                        | Explanations & drawing illustrative diagrams.                                                    |                                                   | <i>Cert. Geography Bk III Pg 139-142</i> |  |
| 10 | 1,2 | Wind transportation.                                                             | Explain the ways in which wind transports its load.<br>State factors affecting wind transportation.   | Exposition, explanations & illustrative diagrams.                                                |                                                   | <i>Cert. Geography Bk III Pg 143-4</i>   |  |

|       |     |                                                   |                                                                                                |                                                           |                        |                                          |  |
|-------|-----|---------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------|------------------------|------------------------------------------|--|
|       | 3,4 | Features resulting from wind deposition.          | Identify features resulting from wind deposition.<br><br>Explain formation of wind deposition. | Exposition, explanations & drawing illustrative diagrams. |                        | <i>Cert. Geography Bk III Pg 144-7</i>   |  |
| 11    | 1   | Action of water in arid areas.                    | describe action of water in arid areas.                                                        | Brain storming;<br>Brief discussion.                      |                        | <i>Cert. Geography Bk III Pg 147</i>     |  |
|       | 2,3 | Resultant features of water action in arid areas. | Identify features resulting from action of water in arid areas.                                | Exposition, explanations and illustrative diagrams.       | Illustrative diagrams. | <i>Cert. Geography Bk III Pg 147-152</i> |  |
|       | 4   | Significance of features in arid areas.           | Explain the significance of features formed by water and wind action in arid zones.            | Brain storming;<br>Brief discussion.                      |                        | <i>Cert. Geography Bk III Pg 152--3</i>  |  |
| 12-13 |     | <b>END OF SECOND TERM ASSESSMENT TEST</b>         |                                                                                                |                                                           |                        |                                          |  |

|               |               |                                                              |                          |                                       |                  |                   |                |
|---------------|---------------|--------------------------------------------------------------|--------------------------|---------------------------------------|------------------|-------------------|----------------|
|               |               | <b><i>SCHEME OF WORK FORM THREE GEOGRAPHY TERM THREE</i></b> |                          |                                       |                  |                   |                |
| <b>WK NO.</b> | <b>L/ NO.</b> | <b>TOPIC/ SUBTOPIC</b>                                       | <b>LESSON OBJECTIVES</b> | <b>TEACHING / LEARNING ACTIVITIES</b> | <b>RESOURCES</b> | <b>REFERENCES</b> | <b>REMARKS</b> |

|   |   |                                                                                  |                                                                                                                                                                     |                                                                                      |  |                                          |  |
|---|---|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|------------------------------------------|--|
| 1 | 1 | <b>ACTION OF WATER IN LIMESTONE AREAS.</b><br><br>Surface and underground water. | Describe processes leading to surface and underground water.                                                                                                        | Probing questions on sources of water, infiltration of water, etc. Brief discussion. |  | <i>Cert. Geography Bk III Pg 154</i>     |  |
|   | 2 | Occurrence of underground water.                                                 | Explain factors, which affect the occurrence of underground water. Identify features resulting from underground water. Explain the importance of underground water. | Exposition & explanations.<br><br>Probing questions.                                 |  | <i>Cert. Geography Bk III Pg 155-8</i>   |  |
|   | 3 | Significance of underground water.                                               | Outline significance of underground water.                                                                                                                          | Brief discussion and probing questions.                                              |  | <i>Cert. Geography Bk III Pg 158</i>     |  |
|   | 4 | Karst landscape.                                                                 | Describe development of a Karst landscape.                                                                                                                          | Explanations and illustrative diagrams.                                              |  | <i>Cert. Geography Bk III Pg 159</i>     |  |
| 2 | 1 | Karst features.                                                                  | Identify Karst features on the surface and underground. Explain the significance of Karst features.                                                                 | Explanations and illustrative diagrams; Q/A & brief discussion.                      |  | <i>Cert. Geography Bk III Pg 160-163</i> |  |

|   |     |                                                 |                                                                                                                            |                                                                         |                        |                                                      |  |
|---|-----|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------|------------------------------------------------------|--|
| 2 | 2   | <b>GLACIATION</b><br><br>Types of glaciers.     | Define the terms glaciation and glacier.<br>Identify types of glaciers.                                                    | Brief discussion.                                                       |                        | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 1164-5</i>  |  |
|   | 3,4 | Processes of glaciation and resultant features. | Describe the processes of glacial erosion, transportation and deposition.                                                  | Probing questions & Drawing illustrative diagrams.                      | Illustrative diagrams. | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 166</i>     |  |
| 3 | 1,2 | Glaciation in highland areas.                   | Identify features formed by glaciation in highland areas.<br>Describe formation of features by glaciation in highlands.    | Exposition & explanations.<br><br>Drawing diagrams.                     | Illustrative diagrams. | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 166-8</i>   |  |
|   | 3,4 | Glaciation in lowland areas.                    | Identify features formed by glaciation in lowland areas.<br>Describe formation of features by glaciation in lowland areas. | Exposition & explanations.<br><br>Drawing diagrams.                     | Illustrative diagrams. | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 172-3</i>   |  |
| 4 | 1   | Significance of glaciation.                     | Highlight significance of glaciation.                                                                                      | Q/A and brief discussion.                                               |                        | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 175-6</i>   |  |
|   | 2   | <b>SOIL.</b><br><br>Soil constituents.          | Define the term soil.<br>Describe composition of soil.                                                                     | Q/A: review soil profile, soil structure, etc.<br>Brief discussion.     |                        | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 193-195</i> |  |
|   | 3,4 | Soil formation.                                 | Explain processes through which soil is formed.                                                                            | Q/A: review weathering.<br>Detailed discussion & illustrative diagrams. |                        | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 195-6</i>   |  |

|   |     |                                            |                                                                                                                    |                                                                                                            |  |                                                      |  |
|---|-----|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|--|
| 5 | 1   | Factors of soil formation.                 | Explain factors influencing soil formation.                                                                        | Q/A & discussion.                                                                                          |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 196-8</i>   |  |
|   | 2   | Properties of soil.                        | Identify characteristics of soil.                                                                                  | Q/A & discussion & practical activities e.g. determining soil pH; water retention capacity, porosity, etc. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 198-202</i> |  |
|   | 3,4 | Soil degeneration within a locality.       | Identify types & causes of soil degeneration.                                                                      | Q/A: loss of soil fertility. Detailed discussion. Fieldwork.                                               |  |                                                      |  |
| 6 | 1   | Soil degeneration.                         | Identify types & causes of soil degeneration in a specific area.                                                   | Fieldwork.                                                                                                 |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 208-210</i> |  |
|   | 2   | Agents of soil degeneration.               | Identify agents of soil degeneration.                                                                              | Brain storming; Brief discussion.                                                                          |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 210-1</i>   |  |
|   | 3   | Effects of soil erosion.                   | Outline effects of soil erosion.                                                                                   | Brain storming; Brief discussion.                                                                          |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 211-2</i>   |  |
|   | 4   | <b>Types of soils:</b><br><br>Zonal order. | Identify types of soils of the zonal order.<br>State characteristics of various types of soils of the zonal order. | Exposition & explanations.                                                                                 |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 212</i>     |  |

|   |     |                                                            |                                                                                                              |                                                                                                                                                                  |  |                                                    |  |
|---|-----|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|
| 7 | 1-2 | Azonal order.                                              | Identify azonal order soils.<br>State characteristics of various types of soils.                             | Exposition & explanations.                                                                                                                                       |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 213</i>   |  |
|   | 3-4 | TEST & MID – TERM BREAK                                    |                                                                                                              |                                                                                                                                                                  |  |                                                    |  |
| 8 | 1   | Intrazonal order.                                          | Identify types of soils of the intrazonal order.<br>State characteristics of various intrazonal order soils. | Exposition & explanations.                                                                                                                                       |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 214</i>   |  |
|   | 2   | Soil conservation & management.                            | Identify soil conservation & management measures.                                                            | Brief discussion & assignment.                                                                                                                                   |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 215-8</i> |  |
|   | 3   | <b>AGRICULTURE</b><br><br>Factors influencing Agriculture. | Explain the factors influencing Agriculture.                                                                 | Q/A: review various aspects of Agriculture, its importance, etc.<br>Probing questions on factors affecting Agriculture; biotic, edaphic, economic, climate, etc. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 223-8</i> |  |

|   |   |                              |                                                                                                                                                                                                                                                                                   |                                                                                                 |  |                                                             |  |
|---|---|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------|--|
|   | 4 | Types of Agriculture.        | <p>Identify various types of farming systems and methods.</p> <p>State characteristics of each type of farming system and method.</p>                                                                                                                                             | <p>Q/A, detailed discussion.</p> <p>Cite examples where each type of farming is successful.</p> |  | <p><i>Cert.<br/>Geography<br/>Bk III<br/>Pg 229-238</i></p> |  |
| 9 | 1 | Tea farming in Kenya.        | <p>Identify major tea-growing areas in Kenya.</p> <p>State conditions necessary for tea growing.</p> <p>Describe cultivation, processing and marketing of tea in Kenya.</p> <p>Outline some achievements of KTDA.</p> <p>Highlight some problems facing tea farming in Kenya.</p> | <p>Brain storming;</p> <p>Probing questions;</p> <p>Brief discussion.</p>                       |  | <p><i>Cert.<br/>Geography<br/>Bk III<br/>Pg 241-8</i></p>   |  |
|   | 2 | Sugar cane growing in Kenya. | <p>Identify major sugar cane-growing areas in Kenya.</p> <p>State conditions necessary for sugar cane growing.</p> <p>Describe cultivation, processing and marketing of sugar cane in Kenya.</p> <p>Highlight some problems facing sugar cane farming in Kenya.</p>               | <p>Brain storming;</p> <p>Probing questions;</p> <p>Brief discussion;</p> <p>Assignments.</p>   |  | <p><i>Cert.<br/>Geography<br/>Bk III<br/>Pg 248-254</i></p> |  |

|    |   |                         |                                                                                                                                                                                                                                                           |                                                                    |  |                                                      |  |
|----|---|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|------------------------------------------------------|--|
|    | 3 | Maize growing in Kenya. | Identify major maize-growing areas in Kenya.<br>State conditions necessary for maize growing.<br>Describe cultivation, processing and marketing of maize in Kenya.<br>Highlight some problems facing maize farming in Kenya.                              | Brain storming;<br><br>Probing questions;<br><br>Brief discussion. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 254-260</i> |  |
|    | 4 | Cocoa in Ghana.         | Identify major cocoa growing areas in Ghana.<br>State conditions necessary for cocoa growing.<br>Describe cultivation, processing and marketing of cocoa in Ghana.<br>Highlight some problems facing cocoa growing in Ghana.                              | Oral questions, brief discussion & explanations.                   |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 260-265</i> |  |
| 10 | 1 | Oil palm in Nigeria.    | Identify major oil palm-growing areas in Nigeria.<br>State conditions necessary for oil palm growing in Nigeria.<br>Describe cultivation, processing and marketing of oil palm in Nigeria.<br>Highlight some problems facing oil palm growing in Nigeria. | Brain storming;<br><br>Probing questions;<br><br>Brief discussion. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 265-269</i> |  |

|    |   |                                  |                                                                                                                                                                                                                                       |                                                                    |  |                                                    |  |
|----|---|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--|----------------------------------------------------|--|
|    | 2 | Coffee in Kenya.                 | Identify major coffee growing areas in Kenya.<br>State conditions necessary for coffee growing.<br>Describe cultivation, processing and marketing of coffee in Kenya.<br>Highlight some problems facing coffee farming in Kenya.      | Q/A, brief discussion & Assignment.                                |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 271-4</i> |  |
| 10 | 3 | Coffee in Brazil.                | Identify conditions favourable for coffee farming in Brazil.<br>Outline problems facing coffee farming in Brazil.                                                                                                                     | Q/A & explanations & Assignment.                                   |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 274-5</i> |  |
|    | 4 | Wheat growing in Kenya & Canada. | Identify conditions favouring wheat growing in Kenya & Canada.                                                                                                                                                                        | Q/A & explanations.                                                |  | <i>Cert.<br/>Geography<br/>Bk III<br/>277-282</i>  |  |
| 11 | 1 | Horticulture in Kenya.           | Identify conditions favouring growing horticulture in Kenya.<br>Give examples of horticultural crops and their importance.<br>Describe marketing of horticultural crops in Kenya.<br>Highlight problems facing horticulture in Kenya. | Brain storming;<br><br>Probing questions;<br><br>Brief discussion. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>283</i>      |  |

|       |   |                                                        |                                                                                                                                                                                                                                                            |                                                   |  |                                                  |  |
|-------|---|--------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--|--------------------------------------------------|--|
|       | 2 | Horticulture in the Netherlands.                       | Identify conditions favouring horticulture in the Netherlands.<br>Describe marketing of horticultural crops in the Netherlands.<br>Highlight problems facing horticulture in the Netherlands.                                                              | Probing questions & brief discussion.             |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 288</i> |  |
|       | 3 | Commercial dairy & beef farming in Kenya & in Denmark. | Outline conditions favouring commercial dairy & beef farming in Kenya.<br>Identify dairy / beef cattle breeds reared in Kenya.<br>Identify problems facing commercial dairy & beef farming in Kenya and the responses of the government to these problems. | Probing questions, brief discussion & assignment. |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 290</i> |  |
|       | 4 | Beef farming in Argentina.                             | Identify conditions favouring beef farming in Argentina.<br>Describe the organization of beef farms in Argentina.                                                                                                                                          | Explanations, probing questions & discussion.     |  | <i>Cert.<br/>Geography<br/>Bk III<br/>Pg 306</i> |  |
| 12-13 |   | <b>END OF YEAR TEST</b>                                |                                                                                                                                                                                                                                                            |                                                   |  |                                                  |  |