Dennis

SCHEME OF WORK GEOGRAPHY FORM 3 2022

TERM I ENDARASHA BOYS

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| **WK** | **LSN** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| **2** | 1 | STATISTICAL METHODS. | Compound / Cumulative Bar Graphs.  Compound / Cumulative Bar Graphs. | By the end of the lesson, the learner should be able to: Highlight steps followed when constructing compound  / cumulative bar graphs Interpret compound/ cumulative bar graphs. State advantages and disadvantages of compound/ cumulative bar graphs. | Q/A to review basic statistical concepts, simple bar graphs; Exposition of steps followed when constructing compound e bar graphs.  Probing questions & brief discussion. |  | Certificate Geography Book III  Pg 1-2 |  |
| 2 | STATISTICAL METHODS. | Simple Pie charts (Divided Circle). - construction. | By the end of the lesson, the learner should be able to: Construct simple pie charts. | Students determine value of angles for the variables.  Guided activity & Brief discussion. | Calculators. | Certificate Geography Book III  Pg 14 |  |
| 3 | STATISTICAL METHODS. | Simple Pie charts (Divided Circle). - interpretation. | By the end of the lesson, the learner should be able to: Interpret simple pie charts  State advantages and disadvantages of simple pie charts. | Guided discovery; Written exercise. | Calculators. | Certificate Geography Book III  Pg 8-11 |  |
| 4 | STATISTICAL METHODS. MAP WORK. | Proportional circles.  Terms used & precautions observed when describing physical features & human activities. | By the end of the lesson, the learner should be able to: Construct proportional circles.  Identify terms used to describe physical features & human activities represented in a map.  Outline precautions observed when describing physical features & human activities. | Guided discovery; Written exercise. Oral questions & detailed discussion. | Topographical maps. | Certificate Geography Book III  Pg 10-11 |  |
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| **3** | 1 | MAP WORK. | Physical features. | By the end of the lesson, the learner should be able to: Identify physical features. | Brain storming on features on topographical maps. Drawing illustrative diagrams; Discussion. | Topographical maps. | Certificate Book III Geography  Pg 16-19 |  |
| 2 | MAP WORK. | Relief features. | By the end of the lesson, the learner should be able to: Identify relief features on a map. | Locating relief features;  Drawing illustrative diagrams; Discussion. |  | Certificate Book III Geography  Pg 19-22 |  |
| 3 | MAP WORK. | Land forms. Watersheds. | By the end of the lesson, the learner should be able to: Identify landforms on a topographical map using contours.  Identify types of vegetation on a topographical map. Identify watersheds on a map. | Q/A & brief discussion; Supervised practical activity.  Locating watersheds; Drawing illustrative diagrams; Discussion. | Topographical maps. | Certificate Book III Geography  Pg 18-21 |  |
| 4 | MAP WORK. | Vegetation. | By the end of the lesson, the learner should be able to: Identify types of vegetation. | Q/A & brief discussion: rolling, dissected, hilly landforms & valleys. | Topographical maps. | Certificate Book III Geography  Pg 25 |  |
| **4** | 1 | MAP WORK. | Vegetation cover. | By the end of the lesson, the learner should be able to: 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.  Deduce amount of rainfall received and the likely types of soils in specific parts of an area. | Topographical maps. | Certificate Book III Geography  Pg 25 |  |
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|  | 2 | MAP WORK. | Drainage. Drainage patterns. | By the end of the lesson, the learner should be able to: Identify natural  /artificial hydrographic features in a map.  Make deductions from the hydrographic features evident on the drainage of a given section in a map.  Describe drainage patterns of an area represented by a map. | Detailed discussion on drainage of sections in the map.  Deduce amount of rainfall received and nature of underground rocks, etc.  Oral questions & brief discussion. | Topographical maps. | Certificate Book III Geography  Pg 27-30 |  |
| 3 | MAP WORK. | Drainage features. | By the end of the lesson, the learner should be able to: Identify drainage features on a map. Describe formation of drainage features.  Outline economic importance of drainage features. | Brief discussion & Q/A. | Topographical maps. | Certificate Book III Geography  Pg 30-31 |  |
| 4 | MAP WORK. | Human and economic activities: Crop farming, livestock rearing & Mining & fishing. | By the end of the lesson, the learner should be able to: Identify clues on a map that indicate presence of crop farming and livestock rearing.  Identify clues on a map that indicate presence of mining and fishing. | Q/A & practical activities.  Group activities. | Topographical maps. | Certificate Book III Geography  Pg 31-32 |  |
| **5** | MID TERM EXAMS AND BREAK | | | | | | | |

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| **6** | 1 | MAP WORK. | Manufacturing, Processing & Tourism.  Settlement and administration. | By the end of the lesson, the learner should be able to: Identify clues on a map that indicate manufacturing, processing and tourism in an area.  Outline factors influencing settlement. Identify types of settlement patterns.  Identify symbols for administrative boundaries. | Q/A & practical activities.  Exposition of new concepts.  Probing questions and discussion. | Topographical maps. | Certificate Book III Geography  Pg 32-33 |  |
| 2 | MAP WORK. | Transport & Communication. | By the end of the lesson, the learner should be able to: Identify modes of transport & communication of an area as depicted in a topographical map. | Practical activities. Brief discussion. | Topographical maps. | Certificate Book III Geography  Pg 35 |  |
| 3 | MAP WORK. | Enlargement & Reduction of maps.  Sections and profiles. | By the end of the lesson, the learner should be able to: Enlarge / reduce a map or a section of a map using the square method.  Define the term section as used in mapwork.  Explain importance of sections in interpreting maps.  Draw various types of sections and profiles. | Explanations & practical activities. Exposition & brief discussion.  Guided practical activities. | Topographical maps. | Certificate Book III Geography  Pg 39-40 |  |
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|  | 4 | MAP WORK. | Vertical Exaggeration (VE), Gradient & Intervisibility. | By the end of the lesson, the learner should be able to: Calculate VE of a map. Determine the steepness of a slope between two given points.  Determine whether two points in a map are intervisible. | Guided calculations. Guided practical activities.  Practical activity to determine intervisibility. | Topographical maps. | Certificate Book III Geography  Pg 45-47 |  |
| **7** | 1 | WEATHERING | Definition & Agents of weathering. | By the end of the lesson, the learner should be able to:  Define weathering. Identify agents of weathering.  Explain factors that influence weathering. | Brain storming; Q/A & detailed discussion. |  | Certificate Book III Geography  Pg 54-55 |  |
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| 2 | WEATHERING | Physical weathering. | By the end of the lesson, the learner should be able to: Define physical weathering.  Explain major forms of physical weathering. | Oral questions, brief discussion. |  | Certificate Book III Geography  Pg 55-59 |  |
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|  | 3 | WEATHERING | Chemical weathering. | By the end of the lesson, the learner should be able to: Explain ways in which chemical weathering takes place. | Probing questions & discussion. |  | Certificate Book III Geography  Pg 60-61 |  |
| 4 | WEATHERING | Chemical weathering. | By the end of the lesson, the learner should be able to: Explain ways in which chemical weathering takes place. | Probing questions & discussion. |  | Certificate Book III Geography  Pg 60-61 |  |
| **8** | 1 | WEATHERING MASS WASTING. | Biological weathering. Importance of weathering.  Factors influencing mass wasting. | By the end of the lesson, the learner should be able to: Identify agents of biological weathering. Explain importance of weathering.  Define the term mass wasting & mass movement.  Explain factors that influence mass wasting. | Probing questions & discussion.  Q/A: review weathering. Discussion: factors affecting nature or speed of mass wasting & movement. |  | Certificate Book III Geography  Pg 61-64 |  |
| 2 | MASS WASTING. | Slow mass wasting. | By the end of the lesson, the learner should be able to: Describe slow processes of mass wasting. | Discussion: soil creep & talus creep.  Q/A: factors that may trigger slow mass wasting. |  | Certificate Book III Geography  Pg 66-68 |  |
| 3 | MASS WASTING. | Rapid mass wasting. | By the end of the lesson, the learner should be able to: Describe rapid processes of mass wasting. | Exposition, Q/A & discussion. |  | Certificate Book III Geography  Pg 68-71 |  |
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|  | 4 | MASS WASTING. THE HYDROLOGI- CAL CYCLE. | Effects of mass wasting.  Input & output processes of the hydrological cycle. | By the end of the lesson, the learner should be able to: Explain effects of mass wasting on physical and human environment.  Identify input and output processes of the hydrological cycle. | Brief discussion. Highlight positive and negative effects.  Q/A: forms of precipitation.  Q/A & brief discussion on the major output processes. | Chart ? the hydrological cycle. | Certificate Book III Geography  Pg 71-72 |  |
| **9** | 1 | THE HYDROLOGI- CAL CYCLE. | Internal transfer processes of the hydrological cycle. | By the end of the lesson, the learner should be able to: Describe movement of water in the atmosphere, land and oceans. | Exposition of new terms & brief discussion. |  | Certificate Book III Geography  Pg 73 |  |
| 2 | THE HYDROLOGI- CAL CYCLE. | Storage processes of the hydrological cycle.  Significance of the hydrological cycle. | By the end of the lesson, the learner should be able to: Identify surface storages, ground water storage and the cyrosphere.  Explain the significance of the hydrological cycle. | Exposition of new terms & brief discussion. |  | CCertificate Book III Geography  Pg 73-74 |  |
| 3 | ACTION OF RIVERS. | Terms related to action of rivers. River erosion. | By the end of the lesson, the learner should be able to: Define terms related to action of rivers.  Describe the processes of river erosion. | Exposition of new terms & Q/A with reference to diagrams and contour maps.  Exposition of new terms, Explanations & detailed Discussion. | Contour maps, diagrams in textbooks. | Certificate Book III Geography  Pg 74-76 |  |
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|  | 4 | ACTION OF RIVERS. | Factors affecting river erosion. | By the end of the lesson, the learner should be able to: Explain factors affecting the rate of river erosion. | Probing questions, Brief discussion & illustrative diagrams. | Illustrative diagrams. | Certificate Book III Geography  Pg 77-78 |  |
| **10** | END OF TERM EXAMS | | | | | | | |

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