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|  | SCHEME OF WORK GEOGRAPHY FORM TWO TERM TWO YEAR | | | | | | |
| *WK* *NO* | L/ *NO* | TOPIC/ SUBTOPIC | *LESSON / SPECIFIC* OBJECTIVES | *TEACHING / LEARNING*  *ACTIVITIES* | *MATERIALS*  *&*  *RESOURCES* | REF. | REMARKS |
| 1 | 1,2 | MAP WORK Direction and Bearing.  Methods of showing direction. | By the end of the lesson, the leaner should be able to:  Distinguish between direction and bearing.  Outline some traditional and modern methods of showing direction. | Q/A and brief discussion. |  | PAGES  42-43 |  |
| 3 | Compass Bearing. | By the end of the lesson, the leaner should be able to:  Define bearing of a point.  Determine the compass bearings of given points on a map. | Diagram of 16 points of the compass.  Oral exercise. | *Pair of compasses & protractors****.*** | PAGES  43-44 |  |
| 2 | 1 | True Bearing. | By the end of the lesson, the leaner should be able to:  Find the true bearing of a point from another point. | Brain storming;  Class exercise. | *Pair of compasses protractors****.*** | PAGES  44-45 |  |
| 2 | Calculation of grid bearing. | By the end of the lesson, the leaner should be able to:  Find the grid bearing of a point from another point. | Exposition.  Class exercise. | *Pair of compasses protractors****.*** | PAGES  44-45 |  |
| 3 | Determination of magnetic bearing. | By the end of the lesson, the leaner should be able to:  Determine magnetic bearing given the grid bearing. | Q/A: conversion of minutes and seconds to degrees.  Exposition: calculating magnetic variation.  Worked examples. |  | PAGES  44-45 |  |
| 3 | 1 | Locating places using latitudes and longitudes. | By the end of the lesson, the leaner should be able to:  Locate position of places using latitude and longitudes. | Exercise: locating position of places using latitude and longitudes. | *Topographical maps****.*** | PAGES  46-47 |  |
| 2 | Locating places using four- figure grid references. | By the end of the lesson, the leaner should be able to:  Give the four-figure grid reference of points on map. | Q/A identifying easting and nor things.  Guided exercise | *Chart: grid reference system.* | PAGES  48-49 |  |
| 3 | Locating places using six-figure grid references. | By the end of the lesson, the leaner should be able to:  Give the six-figure grid reference of points on map. | Q/A: identifying eastings and northings.  Guided exercise.  Assignment. | *Chart: grid reference system.* | P 49 |  |
| 4 | 1 | Representing relief using spot heights and trigonometric stations. | By the end of the lesson, the leaner should be able to:  Define the term land relief.  Identify spot heights & trigonometric stations on a map. | Q/A: review six-figure reference.  Definition of land relief.  Brief discussion. | *Atlases or topographical maps.* | PAGES  49-51 |  |
| 2 | Contours and forms lines. | By the end of the lesson, the leaner should be able to:  Define contours and forms lines.  Identify Contours and forms lines | Exposition: new terms.  Q/A: Contour interval, vertical height.  Exercise: estimating height-using contours. | *Topographical maps.* | PAGES  50-51 |  |
| 3,1 | Methods of representing relief. | By the end of the lesson, the leaner should be able to:  Explain use of pictorials, hachures, hill shading and layer tinting to represent relief.  State advantages and disadvantages of each method. | Exposition, Q/A and brief discussions.  Assignment. | *Textbooks pictures.* | PAGES  53 |  |
| 5 |
| 5 | 2 | PHOTOGRAPH WORK. Ground photographs.  Aerial photographs. | By the end of the lesson, the leaner should be able to:  Distinguish between ground close-ups and ground oblique photographs.  Distinguish between general oblique and vertical aerial photographs. | Exposition of new concepts & brief discussion. | *Illustrative diagrams.* | PAGES  55-57 |  |
| 3 | Parts of a photograph. | By the end of the lesson, the leaner should be able to:  Identify horizontal and vertical divisions of a photograph. | Divide a photograph into nine parts then mark them accordingly.  Q/A : Identifying features in each division. | *Photographs.* | PAGES  57-58 |  |
| 6 | 1 | Uses of photographs &  Limitations of photographs. | By the end of the lesson, the leaner should be able to:  State uses of photographs.  Highlight limitations in the use of photographs. | Q/A and discussion. |  | PAGE 59 |  |
| 2 | Interpretation of photographs. | By the end of the lesson, the leaner should be able to:  Explain what interpretation of photographs entails. | Class exercise: estimating the time and season when the photograph was taken, direction and sizes of features. | *Photographs.* | PAGE 59 |  |
| 3,1 | Studying physical features on photographs. | By the end of the lesson, the leaner should be able to:  Describe physical features on photographs. | Q/A and discussion:  relief, drainage, natural vegetation, climate and soils. | *Photographs.* | PAGES  59-61 |  |
| 7 |
| 2 | Human activities on photographs. | By the end of the lesson, the leaner should be able to:  Identify various human activities on a photograph. | Oral questions on types of farming and supportive evidence.  Written exercise. |  | PAGE 61 |  |
| 3 |  | HALF TERM | |  |  |  |
| 8 | 1 | Industrial activities, mining activities & forms of transport. | By the end of the lesson, the leaner should be able to:  Identify industrial and mining activities & forms of transport in a photograph. | Oral questions on presence of industrial and mining activities & modes of transport and communication. | *Photographs.* | PAGE 61 |  |
| 2 | Sketching diagrams from photographs. | By the end of the lesson, the leaner should be able to:  Sketch diagrams from parts of photographs. | Teacher highlights the steps to be followed.  Supervised exercise &  written exercise. | *Photographs.* | PAGE 61 |  |
| 3 | STATISTICAL METHODS. Comparative line graphs. | By the end of the lesson, the leaner should be able to:  Construct comparative line graphs.  State advantages and disadvantages of comparative line graphs. | Q/A: review methods of presenting statistical data.  Activity: construct a comparative line graph.  Assignment. |  | PAGES  64-65 |  |
| 9 | 1 | Comparative bar graphs. | By the end of the lesson, the leaner should be able to:  Construct comparative bar graphs.  State advantages and disadvantages of comparative bar graphs. | Q/A: review methods of presenting statistical data.  Activity: construct a comparative bar graph.  Assignment. | *Chart –*  *Comparative bar graphs.* | PAGES  65-67 |  |
| 23 | Divided bars&Divided rectangles. | By the end of the lesson, the leaner should be able to:  Present statistical data using divided bars and rectangles.  State advantages and disadvantages of divided rectangles. | Exposition.  Supervised practice.  Oral questions. |  | PAGES  67-69 |  |
| 10 | 1 | Analysis of statistical tables. | By the end of the lesson, the leaner should be able to:  Analyse data in statistical tables. | Table analysis.  Assignment. |  | PAGES  67-69 |  |
| 10 | 2 | KENYA’S CLIMATIC REGIONS. Definition of weather, climate and elements of weather. | By the end of the lesson, the leaner should be able to:  Define climate.  Define weather.  Identify elements of weather. | Brain storming.  Q/A & brief discussion. | *Diagrams and maps.*  *Combined temperature rainfall diagrams.* | PAGE 70 |  |
| 3 | Factors influencing climate. - ***latitude, altitude and continentality.*** | By the end of the lesson, the leaner should be able to:  Explain the influence of latitude, altitude and continentality on the climate of an area. | Brain storming.  Exposition, Q/A & discussion. |  | PAGES  70-73 |  |
| 11 | 1,2 | Factors influencing climate. - ***aspect and ocean currents.*** | By the end of the lesson, the leaner should be able to:  Explain the influence of aspect and ocean currents on the climate of an area. | Exposition of new aspects & brief discussion. |  | PAGES  70-73 |  |
| 3 | Factors influencing climate. -***wind and air masses & configuration of the coastline.*** | By the end of the lesson, the leaner should be able to:  Explain the influence of wind and air masses & configuration of the coastline on the climate of an area. | Exposition of new concepts, oral questions & discussion. |  | PAGES  73-74 |  |
| 12 |  | REVISION | | | |  |  |  |
| 13-14 |  | END OF TERM TWO EXAMS | | | |  |  |