

GEOGRAPHY QUICK REVISION GUIDE FOR SCHOOLS AND TEACHERS

FIELDWORK AS IS EXPECTED CURRENTLY

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ACTIVITIES DONE DURING FIELD STUDY

- i. Note taking/recording
- ii. Observing the rocks/features
- iii. Collecting samples
- iv. Asking/answering questions/interview
- v. Drawing sketches/transects
- vi. Measuring distances
- vii. Taking photographs
- viii. Labelling samples
- ix. Digging/breaking rocks
- x. Estimating heights
- xi. counting

DATA COLLECTION METHODS

- i. Observing
- ii. Interviewing
- iii. Administering questionnaire
- iv. Photographing/video recording/filming
- v. Reading secondary sources/content analysis
- vi. Taking measurements
- vii. Reading instruments/thermometers

viii. FIELD WORK PREPARATION

- ix. 1. Read on the topic from books
- x. 2. Discuss in class
- xi. 3. Form discussion groups
- xii. 4. Consult geography teacher
- xiii. 5. Assembling necessary tools
- xiv. 6. Draw out work schedule
- xv. 7. draw route maps

FOLLOW UP ACTIVITIES

- i. Data analysis
- ii. Sketching the features
- iii. Discussion about findings/discussing the findings
- iv. Report writing
- v. Displaying of photographs taken/items collected
- vi. Consulting geography teachers
- vii. Drawing conclusions
- viii. Reading more on the topic
- ix. Asking/answering question
- x. Assessing the information collected against the hypothesis
- xi. Drawing diagrams
- xii. Modelling the field plan
- xiii.

HOW TO IDENTIFY DIFFERENT TYPES OF PLANTS

- xiv. By observing their
- xv. 1. Their appearance
- xvi. 2. Their colour
- xvii. 3. Their leaf size/pattern/types
- xviii. 4. Their age
- xix. 5. The texture of the leaves
- xx. 6. The system of leaves
- xxi. 7. Their flowers
- xxii. 8. Their root system
- xxiii.

IMPORTANCE OF FIELD WORK

- i. It enables collection of samples for future reference
- ii. Enable one to get first-hand information
- iii. Allows for easy recall
- iv. Makes learning real/meaningful
- v. Helps learners understand better theoretical concepts taught in class/teaching becomes easier
- vi. Helps students develop skills of data collection
- vii. Makes learning interesting

METHODS OF RECORDING DATA KCSE2019 Q6C II

- viii. 1. **Photographing, videos**
- ix. 2. **Field sketching, drawing diagrams**
- x. 3. **Note taking, recording data observations**
- xi. 4. **Filling in questionnaires**
- xii. 5. **Tape recording**
- xiii. 6. **Labelling of samples**

xiv. 7. Tape recording

xv.

PROBLEMS OF FIELD WORK

- i. Inaccessibility of some areas/thick/thorny vegetation/rugged terrain
- ii. Accidents /injuries
- iii. Fatigue due to difficult terrain/tiredness
- iv. Unfavourable/adverse weather condition/heavy rain/high temperatures
- v. Attack by wild animals like snake, Insects
- vi. Difficulty in identifying some features/rocks
- vii. Difficulty in breaking some features like rocks
- viii. Inadequate time for data collection
- ix. Getting lost/loss of direction
- x. Uncooperative/unwilling/absent respondents
- xi.

REASONS FOR CONDUCTING RECONNAISSANCE

- 1. To assess the suitability of the study area
- 2. To help draw up objectives and hypothesis
- 3. To help prepare route map
- 4. To help design a work schedule
- 5. Help identify probable problems and how to solve them
- 6. To help estimate the cost of the study
- 7. To help identify suitable data collection methods
- 8. To help identify appropriate equipments/tools to be carried

REASONS FOR CONSTRUCTING A WORK SCHEDULE

- I. Enables plan activities to be carried out systematically
- II. Allows for proper use of the available time
- III. Enables for the assessment of the progress of the field work
- IV. It enables the estimation of total time required for the study
- V. It confines researcher to the scope of the topic
- VI. It assumes that all areas are adequately covered

- VII. 1. To be permitted to enter the facility
- VIII. 2. for the authorities to arrange for a tour guide to take them round
- IX. 3. for the principal to be away from school
- X. 4. for the principal to alert other teachers on the disruption of the routine
- XI. 5. it is an official requirement
- XII. 6. administration can arrange for transport, lunch, meals and upkeep, entry fee
- XIII. 7. for administration to provide essential tools for use

SOURCES OF INFORMATION YOU ARE LIKELY TO USE BEFORE THE ACTUAL FIELDWORK

- XIV. 1. relevant text books
- XV. 2. journals/magazines
- XVI. 3. internet/electronic media
- XVII. 4. newspapers
- XVIII. 5. professionals/botanists/forest officers
- XIX. 6. geography notes
- XX. 7. Photographs/video tapes
- XXI. 8. maps
- XXII.
- XXIII.

TOOLS/ITEMS TO BE CARRIED DURING FIELDWORK KCSE 2019 QD I

- i. Hammer
- ii. Spades
- iii. Polythene bag
- iv. Notebook/stationery
- v. Geological map
- vi. Route map
- vii. Camera
- viii. Jembe/hoe
- ix. Magnifying lens

TYPES OF DATA LIKELY TO BE COLLECTED DURING A FIELD WORK IN A WEATHER STATION

- I. Types of weather recording/measuring instruments
- II. Statistical data on previous weather records
- III. Diagrams/photographs on weather instruments
- IV. Information on weather forecasting
- V. Information on operations of weather measuring/recording instruments

USEFULNESS OF INFORMATION OBTAINED FROM THE FIELD TO THE LOCAL COMMUNITY

- I. Used to plan for precaution/safety
- II. Would be used in the conservation of land/wildlife/soil/water

- III. Maybe used as a basis for further research
- IV. Used for planning agricultural activities
- V. Help in the rationalization of land use
- VI. Used for future reference
- VII. Used to determine economic uses of plants/herbal medicine

WHY ROUTE MAPS ARE REQUIRED

- 1. To help identify the direction to follow
- 2. Help prepare work schedule
- 3. Identify location of features for study
- 4. Help estimate distance to be covered

To help estimate the time the study will take

WHY WE NEED MAP OF THE AREA

- 1. To show the extent/delimit the area of study
- 2. To show the routes to be followed during the study
- 3. To show the location of features during the study
- 5. To be able to estimate distances
- 6. To show the general nature of the terrain