

ACTIVITY THREE: FROM CAPE TO CAIRO

This **SOCIAL SCIENCES : GEOGRAPHY** lesson takes learners through the waterways of Africa, starting in the Cape and heading north to Cairo!! As they navigate their journey, they will work out longitude and latitude co-ordinates.

Equipment needed for each learner or group:

- An atlas
- Pens, pencils and paper
- An A4 map of Africa showing the major rivers (use map on page 13)
- Cotton for measuring distances



What to do:

This activity requires that groups (or individuals) travel from Cape Town to Cairo along all the waterways of Africa. The idea is that participants plan a route through Africa which will be carried out using a Landrover and a small boat. The learners must plan their journey to incorporate as many of the waterways as possible. This can include the sea but learners should be encouraged to avoid using the sea in favour of the land routes. *(Do not worry about mountain ranges and deep valleys – measure the route as if the route from the Cape to Cairo was flat).*

Once the learners have mapped out their route which will mean using both the atlas and the A4 map, they must calculate the distances they have travelled over:

Land : number of kilometres travelled in the landrover
Sea : number of kilometres travelled on the sea
Water : number of kilometres travelled (rivers and lakes and dams)

The “winner” will be the learner or group who has travelled the shortest distance over land, in other words, who has used the rivers and lakes of Africa for travel.

Remember that when learners are using an atlas to calculate the distances, they need always to take note of the scale of the map.

QUESTIONS FOR EACH LEARNER / GROUP: WRITE THE ANSWERS DOWN

1. List all the countries through which you travel.
2. List all the capital cities of the countries through which you travel.
3. Give the longitude and latitude (degrees and minutes) for these cities.
4. Name 10 of the rivers you travelled.
5. Using the atlas, which was the area/country of highest rainfall?
6. Using the atlas, which was the area/country of lowest rainfall?
7. What did you notice about the vegetation as you travelled north?
8. What was the most dangerous thing that happened during your journey? (be as creative and imaginative as you can!!)
9. What the kindest thing you or your group did during your Cape to Cairo journey?

You, the teacher, may wish to discuss all the answers to the questions in class after the groups have written down their answers. You could also take this work in, mark it, and add it to the learners' portfolios.

Criteria to assess learners during this social sciences : geography lesson

Criteria	Exceeded requirements of the Learning Outcome	Satisfied requirements of the Learning Outcome	Partially satisfied requirements of the Learning Outcome	Not satisfied requirements of the Learning Outcome
The learner gave the longitude and latitude for each capital city of each African country they travelled through				



- a) Land - number of kilometres travelled in the Landrover =
- b) Sea - number of kilometres travelled on the sea =
- c) Water - number of kilometres travelled (rivers, lakes and dams) =