**273/1 GEOGRAPHY RETOOLING TOOL**

**The important documents necessary for proper preparation**

**1. CONTENT FRAME WORK**

This summarizes competences under different levels of demand ( achieved learning outcomes)

ie understands , appreciates measurable terms; explain, suggest

It is a submersed representation of the competences in the curriculum by following the respective levels of demand.

Summarizes the learning outcomes right from the first topic of the class to be assessed.

***Content frame work.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | LEVELS OF DEMAND | | |
| CONSTRUCT | THEME/TOPIC | COMPETENCE | LOW | MEDIUM | HIGH |
|  |  |  |  |  |  |

Low level involve recalling, remembering conceptual knowledge

Medium involves applying knowledge acquired

High level involves evaluation, analysis innovation and creativity (causes, effects, solutions)

**2. TEST FRAME WORK**

This is derived from the content frame work , in this document, the competences are further placed under the different levels of ability.

*Test framework*

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | ABILITY LEVELS | | | | | |
| CONSTRUCT | THEME/TOPIC | COMPETENCE | CK | CU | AL | AN | EV | CR |
|  |  |  |  |  |  |  |  |  |

CK – conceptual knowledge, CU – conceptual understanding ,

AL – application of learnt knowledge, AN – application of learnt knowledge in a new environment

EV – Evaluation , CR – Creativity ( shown in projects)

**CONSTRUCT**

This is an exit profile at the end of the cycle. What/ how a learner can exhibit the learnt geography after a level of education.

**ELEMENTS OF CONSTRUCT**

These are merged topics with the same or similar competencies.

Item specification

This document specifies the item that you are going to develop.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EOC | TOPIC | COMPETENCE | LEVEL OF DEMAND | ABILITY LEVEL | STIMULUS | STEPS IN REASIONING | TYPE OF RESPONSE | DIRECTION OF RESPONSE | RESPONSE TIME |
|  |  |  |  | CK  CU  AP | -maps  - scenario  Text  Table  Graph  photo | Identify  Explain  Illustrate | Open ended  (extended)  Closed ended  (restricted) | Multiple correct or single | 40 min |

A scenario is a set of information which is given to the learner to help him/her mobilize knowledge, values, skills to solve a situation .

It involves real life situational problem or anticipated situation.

Should have;

* Introduction
* Generated from the competence
* Address a particular element of construct
* Be familiar to the learners experience
* Use clear language
* Evoke a certain kind of response you expect
* Avoid using names of people and places negatively
* Should have a task aligned to it
* Support material
* Set a score guide for the item(s)

**BASIS OF ASSESSMENT**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | SUCCESS CRITERIA | | | | | | |
| EOC | BASIS OF ASSESSEMENT | EXCELLENT (04) | ADVANCED (03) | SATISFACTORY (02) | BASIC (01) | INADEQUATE (00) | BASIC CODE | MAXIMUM SCORE |
|  |  |  |  |  |  |  |  |  |

BASIC CODES

EOC 1

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | DV | MW | IC |
| SCORE |  |  |  |

EOC 2

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | DP | SU |  |
| SCORE |  |  |

EOC 3

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | DF | LF |  |
| SCORE |  |  |

EOC 4

|  |  |  |  |
| --- | --- | --- | --- |
| CODE | US | DL |  |
| SCORE |  |  |

**CONSTRUCT ONE;**

*Appreciate the movement of the earth in relation to the sun, weather, climate, natural vegetation and their effects on the people s way of life using maps and other geographical tools, techniques, methods to represent and analyze these.*

This construct has three elements of construct,

*a) Drawing of different features from a variety of maps*

**success criteria**

I) excellent (04)

Correctly draws a map, cross section with ALL the features, measures distance, direction, bearing, estimates are of features using linear scale and representative fraction.

ii) Advanced (03)

Correctly draws a map, cross section with MOST the features, measures distance, direction, bearing, estimates are of features using linear scale and representative fraction.

iii) Satisfactory (02)

Correctly draws a map, cross section with SOME the features, measures distance, direction, bearing, estimates are of features using linear scale and representative fraction.

IV) Basic (01)

Not correctly draws a map, cross section with a few features, measures distance, direction, bearing, estimates are of features using linear scale and representative fraction.

v) Inadequate (00)

wrong/no response

vi) Basic code

**D.V Demonstrates variety**

*b) Accurate measurement of elements of weather*

i) Excellent (04)

Accurately measures, records, interprets all the elements of weather following MOST correct procedures using the right instruments.

ii) Advanced (03)

Accurately measures, records, interprets all the elements of weather following SOME correct procedures using the right instruments.

iii) SATISFACTORY (02)

Generally measures, records, interprets all the elements of weather following SOME correct procedures using the right instruments.

iV) **B**asic (01)

Generally measures, records, interprets all the elements of weather with inconsistence in following correct procedures using the right instruments.

v) Inadequate (00)

wrong response

Basic code

**MW - Measures Weather Elements**

*c) Demonstrates understanding of the influence of Climate change on Natural vegetation and human wellbeing.*

i) Excellent (04)

Accurately describes climate change and how it directly or indirectly affects human beings

ii) Advanced (03)

Clearly describes climate change and how it directly or indirectly affects human beings

iii) Satisfactory (02)

Describes climate change and it’s general effects on human beings

iv) Basic (01)

Outlines some features of climate change and gives some or no general effect(s) on human beings

Basic code

**I.C – Influence of Climate change**

**CONSTRUCT TWO**

*Appreciates innovative and sustainable utilization of natural resources and apply photographs and other basic geographical tools, techniques and methods to analyse and represent their use and management.*

This construct has two elements of construct.

*a) Demonstrates use of photographs in different situations.*

**Success criteria**

i) Excellent (04)

Correctly identifies, interprets and proportionally, sketches situations depicted in photographs and align the features in their respective positions.

ii) Advanced (03)

Correctly identifies, interprets and generally, sketches situations depicted in photographs and align the features in their respective positions.

iii) Satisfactory

Generally identifies, interprets and generally, sketches situations depicted in photographs and align the features in their respective positions.

iv) Basic (01)

Somehow identifies, interprets and may or may not, sketches situations depicted in photographs and align the features in their respective positions.

v) inadequate (00)

Basic code

**D.P – Demonstrates use of photographs**

*b) Demonstrates Sustainable utilization of natural resources.*

i) Excellent (04)

Recognizes global, regional , local distribution of major natural resources and their utilization.

ii) Advanced (03)

Recognizes global, regional , local distribution of natural resources and their utilization.

iii) satisfactory (02)

Somehow recognizes global, regional , local distribution of natural resources and their utilization.

iv) Basic (01)

Outlines some major global, regional , local distribution of natural resources and their utilization.

Basic code

**S.U – Sustainable utilization of natural resources.**

**CONSTRUCT THREE.**

*Appreciates the location at different scales the formation of major landforms and their effects on peoples life styles and use basic geographical tools, techniques, methods to locate and analyses them.*

This construct has two elements

*a) Demonstrates understanding of the formation of various physical features.*

**Success criteria**

i) Excellent (04)

Consistently identifies a variety of physical features, recognizes their partners of distribution and describes their formation processes and inter relationship among them.

ii) Advanced (03)

Generally identifies a variety of physical features, recognizes their partners of distribution and describes their formation processes and inter relationship among them.

iii) Satisfactory (02)

Generally identifies a variety of physical features, recognizes their partners of distribution and inconsistently describes their formation processes and inter relationship among them.

iv) Basic (01)

In consistently outlines some physical features, recognizes their partners of distribution and inconsistently may or may not describe their formation processes and inter relationship among them.

Basic code

**D.F – Demonstrates formation of land forms.**

b) Demonstrates understanding of the influence of physical features on human activities

**SUCCESS CRITERIA**

i) Excellent (04)

Consistently explains the influence of various physical features on the atmosphere and their direct or indirect influence on human activities.

ii) Advanced (03)

Generally explains the influence of various physical features on the atmosphere and their direct or indirect influence on human activities.

iii) Satisfactory (02)

Generally identifies the influence of various physical features on the atmosphere and their direct or indirect influence on human activities.

iv) Basic (01)

Inconsistently identifies the influence of various physical features on the atmosphere and their direct or indirect influence on human activities.

Basic code

**L.F- linkage of features on human activities.**

**CONSTRUCT FOUR**

*Appraise population dynamics, urbanization and their impact on the development of transport, communication and trade and analyses these using statistics and other basic geographical tools, techniques and methods.*

This construct has two elements.

*a) Uses various statistical methods to analyse human population, urbanization, transport, communication and trade.*

**SUCCESS CRITERIA.**

i) Excellent (04)

Uses appropriate statistical methods to collect, present, analyse, interprets and draws reliable conclusions from the data.

ii) Advanced (03)

Uses appropriate statistical methods to collect, present, analyse, interprets but may show difficult drawing reliable conclusions from the data.

iii) Satisfactory (02)

Uses appropriate statistical methods to collect, present, analyse, but may show difficult interpreting and drawing reliable conclusions from the data.

iv) Basic (01)

Uses appropriate statistical methods to collect and or present data, but may show difficult in analyzing, interpreting and drawing reliable conclusions from the data.

Basic code

**U.S – Understands statistics**

*b) Demonstrates understanding of links among human population distribution, urbanization, transport, communication and trade.*

**Success criteria**

i) Excellent (04)

Clearly describes the links among the human population distribution, urbanization, transport, communication and trade.

ii) advanced (03)

Describes the links among the human population distribution, urbanization, transport, communication and trade.

iii) Satisfactory (02)

Generally describes the links among the human population distribution, urbanization, transport, communication and trade, but description may lack clarity or carry some factual errors and omissions.

Basic (01)

Outlines

Basic code

**D.L – Demonstrates linkages**

Points to note:

The maximum score for every item is 04 at excellence in the success criteria.

In the situation where more than one part of an item say (a), (b),(c) are set from the same element of construct, the final score is reached by getting the average of the scores in all parts and in this case where a learner attempts only one part of that same item, still average is obtained to reach the final score

***Below are the topics under each construct arranged In order of items.***

*ITEM 1 (Appreciates the movement of the earth in relation to the sun, weather, climate and natural vegetation and their effect on the people’s life style using maps and other geographical tools, techniques and methods to represent and analyze each)*

• THE EARTH AND ITS MOVEMENTS

• WEATHER AND CLIMATE

• CLIMATE AND NATURAL VEGETATION IN EAST AFRICA

• CLIMATE CHANGE IN EAST AFRICA AND THE WORLD

• MAJOR CLIMATE ZONES OF THE WORLD

• FURTHER SKILLS IN MAP READING AND MAP USE

• THE CLIMATE AND VEGETATION OF AFRICA

*ITEM 2 (Appreciates innovative and sustainable utilization of natural resources and apply photographs and other geographical tools, techniques and methods to analyze and represent their use and management)*

• MINING IN EAST AFRICA

• DEVELOPMENT OF MANUFACTURING INDUSTRIES IN EAST AFRICA

• SUSTAINABLE USE OF FISHERIES RESOURCES IN EAST AFRICA

• WILD LIFE CONSERVATION AND TOURISM IN EAST AFRICA

• FORESTS,FOREST RESOURCES AND FORESTRY IN EAST AFRICA

• IRRIGATION FARMING IN AFRICA AND CHINA

• MINERAL RESOURCES AND MINING IN AFRICA

• INDUSTRIAL DEVELOPMENT IN AFRICA

• MINING AND INDUSTRIAL DEVELOPMENT IN CHINA

ITEM 3 AND ITEM 4 (Appreciate the formation of major landforms and drainage features and their effect on peoples way of life and development and the use of basic geographical tools, methods and techniques to analyze them.

• INTRODUCTION TO GEOGRAPHY

• LOCATION ,SIZE AND RELIEF REGIONS OF EAST AFRICA

• LOCATION AND SIZE AND RELIEF REGIONS OF AFRICA

• FORMATION OF MAJOR LANDFORMS AND DRAINAGE IN EAST AFRICA

• THE RELIEF REGIONS AND DRAINAGE OF AFRICA

*ITEM 5 AND 6 (Appraise population dynamics, urbanization and their impact, the development of transport, communication and trade and analyze them using statistics and other basic geographical tools, techniques and methods)*

• POPULATION AND URBANISATION IN EAST AFRICA

• TRANSPORT AND COMMUNICATION IN EAST AFRICA

• TRADE WITHIN AND OUTSIDE EAST AFRICA

• POPULATION AND URBANISATION IN AFRICA

• DEVELOPMENT OF TRANSPORT, COMMUNICATION AND TRADE IN AFRICA

• TRADE BETWEEN AFRICA AND THE REST OF THE WORLD.

*GOOD LUCK IN YOUR ENDEAVORS*