Dennis

SCHEME OF WORK GEOGRAPHY FORM 1 2022

TERM I ENDARASHA BOYS

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| **3** | 1 | INTRODUCTION TO GEOGRAPHY | Definition of Geography and environment. Branches of Geography. | By the end of the lesson, the learner should be able to: Define the terms Geography and environment.  Explain what the study of Geography entails. Identify the branches of Geography. | Brainstorming, Oral questions; Brief discussion. Exposition & discussion on major areas covered in  Physical Geography, Economic Geography & Practical Geography. | student book student book, local environment | KLB BK I  Pg 1 |  |
|  | 2 | INTRODUCTION TO GEOGRAPHY | Importance of studying Geography. | By the end of the lesson, the learner should be able to: Explain importance of studying Geography. | Detailed discussion on importance of knowledge, skills, positive values and attitudes gained in course of studying Geography. | local environment | KLB BK I Pg 2-3 |  |
|  | 3 | INTRODUCTION TO GEOGRAPHY | Relationship between Geography and other Disciplines. Careers related to Geography. | By the end of the lesson, the learner should be able to: Explain the relationship between Geography and other disciplines.  Identify careers related to Geography. | Teacher explains contextual meaning of the term discipline.  Oral questions to elicit definitions of history, physics, chemistry, agriculture, economics, etc.  Brief discussion on interdependence of disciplines. | Chart: relationship between Geography and other disciplines. Career booklet. | KLB BK I Pg 3-4 |  |
|  |  |  |  |  | Open discussion on careers related to Geography. |  |  |
|  |  | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| **4** |  |  |  | By the end of the lesson, the learner should be able to: |  |  |  |  |
|  | 1 | THE EARTH AND THE SOLAR SYSTEM. | Composition of the Solar System. | Give the meaning of solar system.  Describe the composition of solar system. | Exposition of facts related to the heavenly bodies, planets and other celestial bodies. | Chart: the solar system & their relative sizes. | KLB BK I  Pg 7 |
|  | 2 | THE EARTH AND THE SOLAR SYSTEM. | The origin of the solar system.  Other heavenly bodies. | By the end of the lesson, the learner should be able to: Explain theories put forward to explain the origin of the earth.  List down other heavenly bodies. | Exposition of new concepts;  Brief description. Exposition & brief description. | student book | KLB BK I Pg 7-8 |  |
|  | 3 | THE EARTH AND THE SOLAR SYSTEM. | The origin and size of the earth. The shape of the earth. | By the end of the lesson, the learner should be able to: Advance postulates about origin and size of the earth.  Give reasons why the interior of the earth is known to be very hot. Outline proofs that the earth is spherical. | Brain storming; Exposition of factual information.  Brief discussion & illustrations. | student book  Chart: mathematical data for planet earth. | KLB BK I Pg 12-13 |  |
| **5** | MID TERM EXAMS AND BREAK | | | | | | | |
| **6** | 1 | THE EARTH AND THE SOLAR SYSTEM. | The rotation of the earth on its axis. | By the end of the lesson, the learner should be able to: Explain effects of rotation of the earth on its axis. | Brainstorming, oral questions and brief discussion on rotational movement of the earth and its effects. | The globe. | KLB BK I Pg 17-18 |  |
|  |  | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
|  | 2 | THE EARTH AND THE SOLAR SYSTEM. | Local time. Time zones and the International Date Line. | By the end of the lesson, the learner should be able to: Calculate local time using longitudes.  Calculate the longitude of a place using local time.  Explain the importance of the concept time zone.  Explain the effects of crossing the International date line on time zones. | Q/A: review the terms local time, GMT and direction of rotation of the earth.  Work through examples.  Supervised practice. Written assignment. Locate I.D.L. on the globe;  Brief discussion with probing questions. | The globe The globe. | KLB BK I Pg 18 |  |
| 3 | THE EARTH AND THE SOLAR SYSTEM. | The revolution of the earth round the sun. | By the end of the lesson, the learner should be able to: Describe effects of revolution of the earth round the sun. | Exposition & detailed discussion on revolutionary movement of the earth. | student book | KLB BK I Pg 19 |  |
| **7** | 1 | THE EARTH AND THE SOLAR SYSTEM. | Eclipses. The structure of the earth. | By the end of the lesson, the learner should be able to: Explain occurrence of eclipses.  Differentiate between eclipse of the sun and eclipse of the moon. Describe internal and external structure of the earth. | Probing questions; Drawing illustrative diagrams.  Brief discussion. Expository and descriptive approaches. | Charts-  Solar eclipse, Annular solar eclipse, Lunar eclipse.  Model of the internal earth structure. | KLB BK I Pg 20-21 |  |
|  | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
|  | 2 | WEATHER | Definition and elements of weather. Temperature. | By the end of the lesson, the learner should be able to:  Define the term weather.  List down the elements of weather.  Define the term temperature.  Outline factors affecting air temperature. | Brain storming; Brief discussion. | student book | Pg 24-25 |  |
| 3 | WEATHER | Humidity & Precipitation. Rainfall. | By the end of the lesson, the learner should be able to: Differentiate between absolute and relative humidity.  Outline factors affecting humidity. Identify forms of precipitation.  Describe rainfall as a form of precipitation. Outline types of rainfall. | Exposition; Probing questions; Brief discussion. Drawing illustrative diagrams. | local environment student book | KLB BK I Pg 26-27 |  |
| **8** | 1 | WEATHER | Clouds. | By the end of the lesson, the learner should be able to: Identify types of clouds. | Exposition and explanations; Drawing illustrative diagrams. | school enviroment | KLB BK I Pg 31-32 |  |
|  | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
|  | 2 | WEATHER | Atmospheric pressure & winds.  Weather station. | By the end of the lesson, the learner should be able to: Explain factors influencing atmospheric pressure.  Differentiate between anabatic and katabatic winds.  Outline factors influencing wind direction.  Explain the role of wind as a medium of heat and moisture transfer.  List down instruments used in a weather station.  Identify factors taken into account when siting a weather station. | Probing questions; Drawing illustrative diagrams of land and sea breezes; Exposition of new concepts;  Brief discussion. Q/A: definition of the term weather;  Brief discussion on elements of weather; Oral questions & brief discussion;  Visit a weather station. | illustrative diagram weather station | KLB BK I Pg 29-30 |  |
| 3 | WEATHER | Measuring temperature. Measuring rainfall. | By the end of the lesson, the learner should be able to: Identify thermometric liquids used in thermometers.  Calculate mean daily temperature and diurnal range of temperature given maximum and minimum daily temperatures.  Work out calculations related to rainfall.  Draw graphs showing distribution of rainfall. | Oral questions. Problem solving. Simple problem solving.  Drawing graphs for monthly annual rainfall. | Six?s Maximum & minimum thermometers.  Rainfall charts. | KLB BK I Pg 34-36 |  |
|  | | | | | | | |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WK** | **LSN** | **TOPIC** | **SUB- TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/L AIDS** | **REFERENCE** | **REMARKS** |
| **9** | 1 | WEATHER | Measuring atmospheric pressure. | By the end of the lesson, the learner should be able to: Identify features of a mercury barometer and the aneroid barometer. | Expository & descriptive approaches, and oral questions. | diagram | KLB BK I Pg 37 |  |
| 2 | WEATHER | Wind direction and intensity.  The atmosphere. | By the end of the lesson, the learner should be able to: Identify instruments used to determine wnd direction and intensity. Describe the zones of the atmosphere. | Oral questions; Drawing a wind vane and a wind sock; Brief discussion.  Expository & descriptive approaches. | wind vane & wind sock | KLB BK I Pg 39 |  |
| 3 | WEATHER | Weather forecasting. | By the end of the lesson, the learner should be able to: Outline the importance of weather forecasting to humankind. | Q/A & brief discussion. | student book | KLB BK I Pg 41-42 |  |
| **10** | END OF TERM EXAMS | | | | | | | |

Dennis