**JOY INTERNATIONAL COLLEGE**

A CHRISTIAN CO-EDUCATIONAL BOARDING INSTITUTION

KM 12 KADUNA ABUJA EXPRESS WAY KADUNA

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FIRST TERM SCHEME OF WORK

JSS 3 BASIC SCIENCE

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| WEEK | TOPIC | CONTENT | OBJECTIVES | PRACTICE QUESTIONS |
|  | FAMILY TRAITS | i Meaning of Family, colour and height variations, ii Dominant and recessive traits, iii Effects of dominant and recessive genes (blood group & albinism) iv Differences between dominant and recessive traits, v Importance of family traits | 1 List some traits that are continuous in families  1Differentiate between dominant and recessive traits  2Identify various dominant and recessive traits in families  3State the importance of family traits  4Trace their family genealogy. | 1a Define family traits.  1b List 4 examples of family traits in your family.  2Explain the cause of resemblance and variation among family members.  3State 3 differences between dominant and recessive traits.  4State 3 importance of family traits. |
| 2 | SOIL EROSION | I Meaning of erosion,  ii Types of erosion,  iii Causes of erosion,  iv Control of erosion. | 1Define erosion  2State the types of erosion  3State the causes of soil erosion  4State the effects of soil erosion  5Explain the control of soil erosion. | 1Define erosion  2Name and explain the types of erosion  3State five causes, effects and control of soil erosion, respectively. |
| 3 | FLOODING | I Meaning of flooding and drainage  ii Types of drainage system  iii Causes of flooding  iv Effects of flooding  v Prevention and control. | 1Define flooding and drainage.  2Name and explain the types of drainage system  3State the causes and effects of flooding  4State the methods of controlling flooding | 1Define flooding and drainage  2List the type of drainage  3State five causes and effects of flooding’  4State five ways of controlling flooding |
| 4 | BUSH BURNING | I Meaning of  Ii Practices that influence bush burning  Iii Effects of bush burning  Iv Regulations against bush burning | 1State agricultural and economic practices that influence bush burning  2Explain the effects of bush burning  3State the method of controlling bush burning. | 1State the agricultural and economic practices.  2State the effects of bush burning  3Explain the methods involved in preventing bush burning. |
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