**MINISTRY OF EDUCATION, SCIENCE, VOCATIONAL TRAINING AND EARLY EDUCATION**

**SCHEMES OF WORK**

**TEACHER’S NAME: GRADE**: **4 SUBJECT: INTEGRATED SCIENCE TERM: ONE YEAR: 2018**

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| **WK** | **TOPIC/SUBTOPIC** | **SPECIFIC OUTCOMES (PSBAT)** | **T/L AIDS** | **REFERENCES** | **KNOWLEDGE** | **SKILLS** | **COMMENT** |
| **1**  **2**  **3** | **THE HUMAN BODY**  -Body changes at puberty  -Unprotected sex  -Sexually transmitted diseases | Discuss the physical changes that take place at puberty  Discuss the changes in mood and feelings which accompany adolescence  Explain what is meant by unprotected sex  Explain what is meant by terms conception and pregnancy  Explain the terms sexually transmitted infections  Discuss how HIV/AIDS and sexually transmitted infections are contracted | PPBKS  TG  Relevant charts | ZBEC Syllabus grades 1 to 7 pg  36  Longman integrated science ppbk4 pg1 to 15 | Demonstrate understanding of the basic facts about the human body | Develop investigative skills |  |
| **4** | **HEALTH**  -The human eye | Identify the basic parts of an eye.  State the function of eyes  Describe the care for eyes | PPbks  TG  Eye chart | Grade 4 integrated science revised syllabus pg 18  Grade 4 Longman integrated science PPbks pg18-20 | Basic parts of eyes: Eyelid, iris, pupil, eye lash;  Function of eyes: Sight, reading;  How to care for: eyes; Washing, and protection of the eye | Appreciating the role of eyes as sense organs |  |
| **5**  **6** | -The human ear  **-**The feet | Identify the basic parts of an ear.  State the function of ears.  Describe how to care for the ear  Identify the parts of the feet.  State the functions of the feet.  Describe how to care for the feet | PPbks  TG  Ear chart  PPbks  TG  Chart on feet | Grade 4 integrated science revised syllabus pg 18  Grade 4 Longman integrated science PPbks pg21-  Grade 4 integrated science revised syllabus pg 19  Grade 4 Longman integrated science PPbks pg24-26 | Basic parts of ears: Earlobe, middle ear and inner ear  Function of ears: hearing, balancing  How to care for:  ears: Cleaning and protection of the ears    How to care for:  feet: Cleaning and protection of the feet | Appreciating the role of ears as sense organs  Appreciating the role of the feet |  |
| **7**  **8** | -Waterborne diseases | Discuss how we contract water-borne diseases, such as cholera, bilharzias, organisms and typhoid  Discuss preventive measures to stop water contamination by disease causing organisms  discuss preventive measures to stop water contamination by chemical effluents | PPBKS  TG  Relevant charts | ZBEC Syllabus grades 1 to 7 pg  36  Longman integrated science ppbk4 pg27 to 31 | Recognize the importance of personal health  Develop knowledge, positive attitudes and values for personal hygiene | Develop investigative skills |  |
| **9**  **10** | Illnesses and sickness | Discuss dehydration and how to prevent it  Discuss the value of traditional and non traditional medicines | PPBKS  TG  Relevant charts | ZBEC Syllabus grades 1 to 7 pg  37  Longman integrated science ppbk4 pg32 to 34 | Recognize the importance of personal health | Develop investigative skills |  |
| **11** | **GENERAL** | **REVISION OF THE TERM’S** | **WORK** | **REVISION OF** | **THE TERM’S** | **WORK** |  |
| **12**  **13** | **END OF TERM** | **TESTING, MARKING OF** | **TEST** | **PAPERS** | **AND** | **SCHOOL** | **CLOSURE** |