**SCIENCE SCHEMES OF WORK**

**STANDARD 6, 2019**

**Primary Science Pupils Book for Standard Six**

**TERM 1**

|  |  |  |  |  |  |  |  |  |
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| **WEEK** | **LESSON** | **TOPIC** | **SUB TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/LEARNING RESOURCES** | **REFF** | **REM** |
|  | | | | | | | | |
| 1 | Opening and Revision | | | | | | |  |
| 2 | 1 | THE HUMAN BODY | Parts of the **Female** reproductive System  (ovary, oviduct,  uterus, vagina) | By the end of this topic, the leader should be able to:  a) Identify some parts of the female  reproductive system  b) State functions of some  parts  of the female reproductive system | * Discussing the meaning of the word production * Discussing the function of the reproductive system * Drawing the parts of the female reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system | Primary science pupils book for std six, pg 1-2 |  |
|  | 2 | Parts of the **Male** reproductive System  male (testis, urethra, penis) | By the end of this topic, the leader should be able to:  (i)Identify the main parts of the Male reproductive system.  (ii)State the function of each part in the male reproductive system | * Discussing the meaning of the word production * Discussing the function of the reproductive system * Drawing the parts of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system | Primary science pupils book for std six, pg 1-2 |  |
|  | 3 |  | Functions of the female  reproductive system | By the end of this topic, the leader should be able to:  a) Identify some parts of the female  reproductive system  b) State functions of some  parts  of the female reproductive system | * Discussing the meaning of the word production * Discussing the function of the reproductive system * Observing pictures of the female reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system | Primary science pupils book for std six, pg 3 |  |
|  | 4 | Functions of the male  reproductive system | By the end of this topic, the leader should be able to:  a) Identify some parts of the male  reproductive system  b) State functions of some  parts  of the female reproductive system | * Discussing the meaning of the word production * Discussing the function of the reproductive system * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 3 |  |
|  | 5 | Changes during adolescence | By the end of this topic, the leader should be able to:  Describe physical changes  during adolescence | * Discussing the Changes during adolescence * Discussing the function of the reproductive system * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 3 |  |
| 3 | 1 |  | physical changes during adolescence(male and  female) | By the end of this topic, the leader should be able to:  Explain physical changes during adolescence(male and  female) | * Discussing physical changes during adolescence(male and   female | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 4 |  |
|  | 2 | Emotional changes in both girls and boys | By the end of this topic, the leader should be able to:  Explain Emotional changes during adolescence(male and  female) | * Discussing physical changes during adolescence(male and female | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 5 |  |
|  | 3 | Work to Do | By the end of this topic, the leader should be able to:  Complete the evaluation exercise by answering the questions | * exercise | Primary science pupils book for std six, | Primary science pupils book for std six, pg 5-6 |  |
|  | 4 |  | By the end of this topic, the leader should be able to:  Draw and label the reproductive system of male and female | * exercise-Work to do | Primary science pupils book for std six, | Primary science pupils book for std six, pg 5-6 |  |
|  | 5 |  | By the end of this topic, the leader should be able to:  Interacting with each other in response to the previous topics | * Discussing engagement among the pupils | Primary science pupils book for std six, | Primary science pupils book for std six, pg 5-6 |  |
| 4 | 1 | HEALTH  EDUCATION | Common communicable  diseases | By the end of this topic, the leader should be able to:  Identify Common communicable  diseases | * Discussing the function of the reproductive system * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 7 |  |
|  | 2 | **Malaria:**  Cause of malaria | By the end of this topic, the leader should be able to:  (a) describe cause, sign,  symptoms and prevention  of common communicable  diseases | * Discussing the cause of Malaria * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 7-8 |  |
|  | 3 | Signs and symptoms of malaria | By the end of this topic, the leader should be able to:   1. Explain the symptoms of malaria 2. describe cause, sign,   symptoms and prevention  of common communicable diseases | * Discussing the cause of Malaria * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 7 |  |
|  | 4 | Prevention of malaria | By the end of this topic, the leader should be able to:  a) Explain the symptoms and prevention  of common communicable  diseases | * Discussing the Prevention of malaria * pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for std six, pg 8-9 |  |
|  | 5 |  | Tuberculosis(TB)Cause of tuberculosis | By the end of this topic, the leader should be able to:  a) Explain the Cause of tuberculosis | * Discussing the cause of Malaria * Observing pictures of the male reproductive system | Primary science pupils book for std six,  Pictures and charts of the female reproductive system  Audio visual resources | Primary science pupils book for class six, pg. 10 |  |
| 5 | 1 |  | Signs and symptoms of /Tuberculosis  Prevention of Tuberculosis | By the end of this topic, the leader should be able to:  a) Explain the symptoms and prevention  of common communicable  diseases  (b)identify other immunizable  diseases | * Discussing the cause of and symptoms of Tuberculosis * Questions and discussions | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 10-11 |  |
|  | 2 | Immunizable Diseases | By the end of this topic, the leader should be able to:  a) Explain the symptoms and prevention  of common communicable  diseases  b) identify other immunizable  diseases | * Discussing the cause of immuinizable diseases * Discussing prevention of common immunizable diseases | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 11-12 |  |
|  | 3 | Immunization Scheduled for Children/Other Immunizable diseases | By the end of this topic, the leader should be able to:  a) Explain the symptoms and prevention  of common communicable  diseases  b) Outline Immunization Scheduled for Children | * Discussing Immunization Scheduled for Children | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 12-13 |  |
|  | 4 | HIV and AIDS/  The HIV Blood Test | By the end of this topic, the leader should be able to:  a) Explain the meaning of HIV and  a) Explain the symptoms and signs of HIV and AIDS | * Discussing the cause of HIV and AIDS | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 13-14 |  |
|  | 5 |  | Importance of HIV Tesing | By the end of this topic, the leader should be able to:  a) The Importance of HIV Testing | Discussing the Importance of HIV Testing | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 14-15 |  |
| 6 | 1 |  | Pre-test and Post-Test counseling | By the end of this topic, the leader should be able to:  a) Explain Pre-test and Post-Test Counseling  a) Explain importance of Pre-test and Post-Test Counseling | * Discussing Pre-test and Post-Test counseling * Observing pictures * Discussing the importance of Pre-test and Post-Test Counseling * Visiting a VCT Centre | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 15 |  |
|  | 2 | Effects of HIV Infection | By the end of this topic, the leader should be able to:  a) Explain Effects of HIV Infection  b) Explain importance of Pre-test and Post-Test Counseling | * Discussing Pre-test and Post-Test counseling * Observing pictures * Discussing the Effects of HIV Infection * Visiting a VCT Centre | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 16 |  |
|  | 3 | Effects of HIV Infection | By the end of this topic, the leader should be able to:  a) Explain Effects of HIV Infection on the nation | * Discussing the Effects of HIV Infection on the nation * Work to do | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 16-17 |  |
|  | 4 | - | By the end of this topic, the leader should be able to:  a) Complete a revision evaluation exercise | * Discussions and explanations | Primary science pupils book for std six, | Primary science pupils book for class six pg. 16-17 |  |
|  | 5 |  | - | By the end of this topic, the leader should be able to:  a) Complete a revision evaluation exercise | * Discussions and explanations | Primary science pupils book for std six, | Primary science pupils book for class six pg. 16-17 |  |
| 7 | **MID TERM 1** | | | | | | |  |
| 8 | 1 | PLANTS/Growth and  reproduction in plants | Parts of a Flower | By the end of this topic, the leader should be able to:  a) Identify parts of a Flower  b) Explain the parts of a Flower | * Observing parts of a Flower * Observing pictures and charts * Discussing the parts of a Flower | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 17 |  |
|  | 2 |  | By the end of this topic, the leader should be able to:  a) Draw and label the parts of a Flower  b) Explain the parts of a Flower | * Observing parts of a Flower * Observing pictures and charts * Discussing the parts of a Flower | Primary science pupils book for std six,  Pictures and charts  Audio visual resources | Primary science pupils book for class six pg. 19 |  |
|  | 3 | Activity | By the end of this topic, the leader should be able to:  a) Draw and label the parts of a Flower  b) Explain the parts of a Flower | * Collect different types of flowers * Observing pictures and charts showing parts of a flower * Discussing the parts of a Flower | Primary science pupils book for std six,  Pictures and charts  Collected Sample Flowers  Audio visual resources | Primary science pupils book for class six pg. 19-20 |  |
|  | 4 |  | Pollination | By the end of the topic, the  learner, should be able to:  b) describe pollination and  fertilization  a) Explain Types of pollination | * Observing pictures and charts showing pollination * Discussing pollination | Primary science pupils book for std six,  Pictures and charts  Collected Sample plants | Primary science pupils book for class six pg. 21 |  |
|  | 5 |  | Agents of Pollination | By the end of the topic, the  learner, should be able to:  a) describe Agents of Pollination  b) Explain Types of pollination | * Collect different types of flowers * Observing pictures and charts showing pollination * Discussing pollination | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants | Primary science pupils book for class six pg. 22 |  |
| 9 | 1 | Agents of Pollination | By the end of the topic, the  learner, should be able to:  a) describe Agents of Pollination  b) Explain Types of pollination | * Collect different types of flowers * Observing pictures and charts showing pollination * Discussing pollination | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants | Primary science pupils book for class six pg. 22-23 |  |
|  | 2 | Fertilization in Plants | By the end of the topic, the  learner, should be able to:  a) Explain the meaning of fertilization in plants  b) Explain Fertilization in Plants | * Collect different types seeds * Observing pictures and charts showing fertilization in plants * Discussing Fertilization | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 3 | Parts of a seed | By the end of the topic, the  learner, should be able to:  a) Explain the meaning of fertilization in plants  b) Draw and label parts of a seed | * Collect different types seeds * Observing pictures and charts showing fertilization in plants   Discussing Fertilization | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 4 |  | Activity | By the end of the topic, the  learner, should be able to:  a) Explain the meaning of fertilization in plants  b) Draw and label parts of a seed | * Collect different types seeds * Observing pictures and charts showing fertilization in plants * Discussing Fertilization | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 5 | Germination | By the end of the topic, the  learner, should be able to:  a) Explain the meaning of Germination | * Collect different types seeds * Observing pictures and charts showing fertilization in plants * Discussing Fertilization | Primary science pupils book for class six,  Pictures and charts  Collected Sample plants and seeds | Primary science pupils book for class six pg. 25-26 |  |
| 10 | 1 | WEATHER AND  THE SOLAR  SYSTEM | **Solar system** | By the end of the topic, the  learner should be able to:  a) name the nine planets in the  solar system  b) model the solar system | * Observing pictures and charts showing theSolar system * Discussing the Solar system | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 28 |  |
|  | 2 | **Solar system** | By the end of the topic, the  learner should be able to:  a) name the nine planets in the  solar system  b) model the solar system | * Observing pictures and charts showing theSolar system * Discussing the Solar system | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 28-29 |  |
|  | 3 | **Solar system** | By the end of the topic, the  learner should be able to:  a) name the nine planets in the  solar system  b) model the solar system | * Discussing theSolar system * Discussing the Solar system and the planets | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 29 |  |
|  | 4 |  | Activity | By the end of this topic, the leader should be able to:  a) name the nine planets in the  solar system  b) model the solar system | * Discussing theSolar system * Discussing the Solar system and the planets | Primary science pupils book for class six,  Soft board, clay/peppier Mache/plastic/candle wax, name tags for the planets, thorns/pins, glue/paste manila paper | Primary science pupils book for class six pg. 29 |  |
|  | 5 | More about the sky | By the end of this topic, the leader should be able to:  a) Learn more about the sky  b) model the solar system | Work to do | Primary science pupils book for class six, | Primary science pupils book for class six pg. 30-31 |  |
| 11 | 1 | ANIMALS | Animal feeding | By the end of this topic, the  learner should be able to:  a) identify types of feeds for  livestock | * Observing some animals feeding around * Discussing Animal feeding | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 32-33 |  |
|  | 2 | Commercial feeds/concentrates | By the end of this topic, the  learner should be able to:  a) identify types of feeds for  livestock  b) identify Commercial feeds/concentrates | * Discussing theSolar system * Discussing the Commercial feeds/concentrates | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 35-36 |  |
|  | 3 | Methods of grazing | By the end of this topic, the  learner should be able to:  a) identify types of feeds for  livestock  b) identify Methods of grazing | * Observing some animals feeding around * Discussing Animal feeding and methods of grazing | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 36 |  |
|  | 4 |  | Methods of grazing | By the end of this topic, the  learner should be able to:  a) identify types of feeds for  livestock  b) describe the different  grazing methods | * Observing some animals feeding around * Discussing Animal feeding and methods of grazing | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 36 |  |
|  | 5 |  | Constituents of Balanced diet for animals | By the end of this topic, the  learner should be able to:  a) Explain the Constituents of Balanced diet for animals  b)list the composition of a  balanced diet in animal  feeding | Work to Do | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 37-38 |  |
| 12-13 |  | Revision and Evaluation Exercises | | | | | |  |
| 14 | **End Term 2 Exams and Closing** | | | | | | |  |
|  | **TERM 2** | | | | | | |  |
| **WEEK** | **LESSON** | **TOPIC** | **SUB TOPIC** | **OBJECTIVES** | **T/L ACTIVITIES** | **T/LEARNING RESOURCES** | **REFF** | **REM** |
|  | | | | | | | | |
| 1 | Opening and Revision | | | | | | |  |
| 2 | 1 | WATER | Water borne diseases | By the end of the topic, the  learner should be able to:  a) explain meaning of water  borne diseases  b) name some water borne  diseases | * Discuss Water borne diseases | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 2 | Meaning of water borne  disease | By the end of the topic, the  learner should be able to:  a) explain meaning of water  borne diseases | * Discussing meaning of water borne diseases | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 3 |  | Cholera | By the end of the topic, the  learner should be able to:  a) explain the causes of cholera  b) explain ways of preventing cholera | * Discussing transmission of cholera * Discussing signs and symptoms of Cholera | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 4 |  | Typhoid | By the end of the topic, the  learner should be able to:  a) explain the causes of cholera  b) explain ways of preventing cholera | * Discussing transmission of cholera * Discussing signs and symptoms of Cholera | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 40 |  |
|  | 5 | Bilharzia | By the end of the topic, the  learner should be able to:  a) explain the causes of cholera  b) explain ways of preventing cholera | * Discussing transmission of cholera * Discussing signs and symptoms of bilharzia | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 40-41 |  |
| 3 | 1 | Preventive measures for some  water borne diseases such as | By the end of the topic, the  learner should be able to:  a) describe preventive  measures for some water  borne disease s | * Discussing preventive measures for some water borne disease s | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 42 |  |
|  | 2 | Exercise | By the end of this topic, the leader should be able to:  a) Complete the exercise | Work to do | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 43 |  |
|  | 3 | SOIL | Meaning of soil erosion | By the end of the topic, the  learner should be able to:  a) a) explain soil erosion and its  agents | * Discuss Meaning of soil erosion transmission of cholera | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 44 |  |
|  | 4 |  | Agents of soil erosion | By the end of the topic, the  learner should be able to:  a) a) explain soil erosion and its  agents | * Discussing Agents of soil erosion * Visit are a affected by soil erosion | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
|  | 5 | Wind | By the end of the topic, the  learner should be able to:  a) a) explain soil erosion and its  agents | * Discussing Wind as an Agent of soil erosion | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
| 4 | 1 | Water | By the end of the topic, the  learner should be able to:  a) a) explain soil erosion and its  agents | * Discussing Water as an Agent of soil erosion | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
|  | 2 | Factors that increase soil erosion | By the end of the topic, the  learner should be able to:  a) explain Factors that increase soil erosion | * Discussing Factors that increase soil erosion * Discussing effects of soil erosion | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
|  | 3 | Types of soil erosion | By the end of the topic, the  learner should be able to:  a) explain Types of soil erosion  a) explain Types of soil erosion | * Discussing Types of soil erosion * Discussing effects of soil erosion | Primary science pupils book for class six,  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 46 |  |
|  | 4 | Splash erosion | By the end of the topic, the  learner should be able to:  a) explain Factors that increase soil erosion  b) Understand Splash erosion | * Observing Splash erosion * Discussing effects of soil erosion | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 45 |  |
|  | 5 |  | Rill Erosion | By the end of the topic, the  learner should be able to:  a) explain Rill Erosion  b) Understand Rill Erosion | * Discussing explain Rill Erosion * Discussing effects of soil erosion | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 46 |  |
| 6 | 1 | Gulley Erosion | By the end of the topic, the  learner should be able to:  a) explain Gulley Erosion  b) Understand Gulley Erosion | * Observing Gulley Erosion * Discussing effects of soil erosion * Identify types of soil erosion | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 47 |  |
|  | 2 | FOODS AND NUTRITION | Traditional methods of preserving food | By the end of this topic, the  learner should be able to:  a)describe traditional and modern  methods of preserving food | * Discussing methods of preserving food | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 49 |  |
|  | 3 | Smoking and Drying | By the end of this topic, the  learner should be able to:  a)describe traditional and modern  methods of preserving food | * Discussing methods of preserving food | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 51 |  |
|  | 4 |  | By the end of this topic, the  learner should be able to:  a)describe traditional and modern  methods of preserving food | * Discussing methods of preserving food | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
|  | 5 |  | Use of low temperature | By the end of this topic, the  Learner should be able to:  A)describe Use of low temperature | * Discussing Use of low temperature | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
| 7 | **Mid Term 2 Exams** | | | | | | |  |
| 8 | 1 |  | canning  and use of honey | By the end of this topic, the  Learner should be able to:  A)describe canning  and use of honey as a way of preserving food | * Discussing methods of preserving food | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
|  | 2 |  | By the end of this topic, the  Learner should be able to:  A)describe canning  and use of honey as a way of preserving food | * Discussing methods of preserving food | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
|  | 3 | salting |  |  |  | Primary science pupils book for class six pg. 52 |  |
|  | 4 | Modern  Methods of preserving food | By the end of this topic, the  learner should be able to:  a)describe traditional and modern  methods of preserving food | * Discussing Use of low temperature | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 53 |  |
|  | 5 | Proper Storage of Food | By the end of this topic, the  learner should be able to:  a)describe Proper Storage of Food | * Discussing Proper Storage of Food * Work to do | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 55 |  |
| 9 | 1 | **ENERGY** | **Light/** How light travels | By the end of this topic, the  learner should be able to:  a) Explain How light travels | * Investigating how light travels * Observations on how light travels | A torch, candles. Matchboxes, small nail, hard board (cardboard )or cartons, a razor blade or a knife | Primary science pupils book for class six pg. 56-57 |  |
|  | 2 |  | **Light/** How light travels | By the end of this topic, the  learner should be able to:  a) Explain How light travels | * Investigating how light travels * Observations on how light travels | A torch, candles. Matchboxes, small nail, hard board (cardboard )or cartons, a razor blade or a knife | Primary science pupils book for class six pg. 56-57 |  |
|  | 3 | Transparent, translucent and  opaque materials | By the end of this topic, the  learner should be able to:  a) Explain How light travels | * Investigating how light travels * Observations on how light travels | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 58 |  |
|  | 4 | By the end of this topic, the  learner should be able to:  a) Explain How light travels  b) identify transparent,  translucent and opaque  materials | * Investigating how light travels * Observations on how light travels | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 58-59 |  |
|  | 5 | By the end of this topic, the  learner should be able to:  a) Uses of Transparent, translucent and  opaque materials  b) identify transparent,  translucent and opaque  materials | * Investigating how light travels * Observations on how light travels | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 60 |  |
| 10 | 1 | Reflection of light | By the end of this topic, the  learner should be able to:  a) demonstrate reflection of  light | * Investigating reflection of light | Plain mirror, other smooth shiny different colors, Pieces of paper of different colors | Primary science pupils book for class six pg. 61 |  |
|  | 2 | Reflection of light | By the end of this topic, the  learner should be able to:  a) demonstrate reflection of  light | * Observing how light travels | Plain mirror, other smooth shiny different colors, Pieces of paper of different colors | Primary science pupils book for class six pg. 61-62 |  |
|  | 3 |  | Reflecting light using a source  of light and a smooth shiny  surface | By the end of this topic, the  learner should be able to:  a) demonstrate reflection of  light | * Investigating formation of images | Dark room, plain mirror and source of light | Primary science pupils book for class six pg. 63 |  |
|  | 4 | Reflecting light using a source  of light and a smooth shiny  surface | By the end of this topic, the  learner should be able to:  a) demonstrate reflection of  light | * Investigating Reflection of Light | Plain mirror, other smooth shiny different colors, Pieces of paper of different colors | Primary science pupils book for class six pg. 63 |  |
|  | 5 | Refraction of Light | By the end of this topic, the  learner should be able to:  a) Understand Refraction of Light | * Investigating Refraction of Light | Plain mirror, other smooth shiny different colors, Pieces of paper of different colors | Primary science pupils book for class six pg. 64-65 |  |
| 11 | 1 | Demonstration on making a  Rainbow. | By the end of this topic, the  learner should be able to:  a) Understand the formation of a rain bow | * Making a rain bow * Observation | A mirror, a basin, Clear water clean drinking water white sheet of paper, a spraying device | Primary science pupils book for class six pg. 66 |  |
|  | 3 | Demonstration on making a  Rainbow. | By the end of this topic, the  learner should be able to:  a) Understand the formation of a rain bow | * Making a rain bow * Observation | A mirror, a basin, Clear water clean drinking water white sheet of paper, a spraying device | Primary science pupils book for class six pg. 67 |  |
|  | 4 | Demonstration on making a  Rainbow. | By the end of this topic, the  learner should be able to:  a) Understand the formation of a rain bow | * Making a rain bow * Observation | A mirror, a basin, Clear water clean drinking water white sheet of paper, a spraying device | Primary science pupils book for class six pg. 68-70 |  |
|  | 5 | Evaluation exercise | | | | | |  |
| 12-13 | **Revisions and activities** | | | | | | |  |
| 14 | **End Term 2 Exams and Closing** | | | | | | |  |
|  | **TERM 3** | | | | | | |  |
|  |  | | | | | | |  |
| 1 | **Opening and Revisions** | | | | | | |  |
| 2 | 1 | PROPERTIES OF  MATTER | Composition of air | By the end of this topic, the  learner should be able to:  a) name the components of air  b)Name the composition of air | * Discussing properties of   matter   * Observation | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 72 |  |
|  | 2 | **Uses of air**  Oxygen (breathing,  burning, germination) | By the end of this topic, the  learner should be able to:  a) name Uses of air  b) State some uses of air. | * Investigating the use of air (oxygen)in breathing * Investigating the use of air (oxygen)in breathing * Observation | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 72 |  |
|  | 3 | Carbon dioxide (making  plant food, preserving soft drinks, fire extinguisher putting  our fires,) | By the end of this topic, the  learner should be able to:  a) name Uses of air  b) State some uses of air. | * Investigating the use of air (oxygen)in breathing * Investigating the use of air (oxygen)in breathing * Observation | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 73 |  |
|  | 4 | Nitrogen (used by legumes  to make proteins) | By the end of this topic, the  learner should be able to:  a) name Uses of air  b) State some uses of Nitrogen | * Investigating the use of air * Investigating the use of air (Nitrogen) * Observation | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 74 |  |
|  | 5 |  | Inert gases (in electric bulbs  and tubes) | By the end of this topic, the  learner should be able to:  a) name Uses of air  b) State some uses of Inert gases | * Investigating the use of air * Investigating the use of air (Inert gases) | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary Primary science pupils book for class six pg. 75 |  |
| 3 | 1 |  |  | Work to do | * Observations | - |  |  |
|  | 2 | MAKING WORK  EASIER | Movement | By the end of this topic, the  learner should be able to:  a) move objects and stop  moving objects | * Investigating what causes motion * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 76-77 |  |
|  | 3 | By the end of this topic, the  learner should be able to:  a) stop moving objects | * Investigating what causes motion * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 77 |  |
|  | 4 | By the end of this topic, the  learner should be able to:  a) move objects and stop  moving objects | * Investigating The force of gravity * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 78 |  |
|  | 5 | By the end of this topic, the  learner should be able to:  a) move objects and stop  moving objects | * Investigating magnetic force * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 79 |  |
| 4 | Revisions | | | | | | |  |
| 5 | 1 |  | Stopping objects from  Moving | By the end of this topic, the  learner should be able to:  a) stop  moving objects | * Investigating what stops moving * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 80 |  |
|  | 2 |  | Stationary and Moving Objects | By the end of this topic, the  learner should be able to:  a) stop  moving objects | * Investigating the relationship between Stationary and Moving Objects * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 82 |  |
|  | 3 | By the end of this topic, the  learner should be able to:  a) stop  moving objects | * Investigating the relationship between Stationary and Moving Objects * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 82 |  |
|  | 4 | By the end of this topic, the  learner should be able to:  a) stop  moving objects | * Investigating the relationship between Stationary and Moving Objects * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 82 |  |
|  | 5 | Evaluation exercise | | | | | |  |
| 6 | 1 | Force | meaning of force | By the end of this topic, the  learner should be able to:  a) state what force is | * Measuring For e in New tones * Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 83 |  |
|  | 2 | units of force (Newton) | By the end of this topic, the  learner should be able to:  a) state what force is | * Measuring For e in New tones   Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 83-84 |  |
|  |  |  |  |  |  |  |  |  |
|  | 3 |  | units of force (Newton) | By the end of this topic, the  learner should be able to:  a) state what force is | * Measuring For e in New tones   Observations | Primary science pupils book for class six.  Pictures and charts  Audio visual teaching and learning Aids | Primary science pupils book for class six pg. 83-84 |  |
|  | 4-5 | Evaluation exercise | | | | | |  |
| 7-8 | Revision and Preparations for end year Exams | | | | | | |  |
| 9 | **End Term 3-End Year Exams and Closing** | | | | | | |  |