**SCIENCE SCHEMES OF WORK**

**STANDARD 6, 2019**

**Primary Science Pupils Book for Standard Six**

**TERM 1**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 femalereproductive systemb) State functions of somepartsof 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 Systemmale (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 femalereproductive system | By the end of this topic, the leader should be able to: a) Identify some parts of the femalereproductive systemb) State functions of somepartsof 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 malereproductive system | By the end of this topic, the leader should be able to: a) Identify some parts of the malereproductive systemb) State functions of somepartsof 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 systemAudio 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 changesduring 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 systemAudio visual resources | Primary science pupils book for std six, pg 3 |  |
| 3 | 1 |  | physical changes during adolescence(male andfemale) | By the end of this topic, the leader should be able to: Explain physical changes during adolescence(male andfemale) | * Discussing physical changes during adolescence(male and

female  | Primary science pupils book for std six,Pictures and charts of the female reproductive systemAudio 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 andfemale) | * Discussing physical changes during adolescence(male and female
 | Primary science pupils book for std six,Pictures and charts of the female reproductive systemAudio 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 | HEALTHEDUCATION | Common communicablediseases | By the end of this topic, the leader should be able to: Identify Common communicablediseases  | * 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 systemAudio 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 preventionof common communicablediseases | * 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 systemAudio 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 preventionof 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 systemAudio 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 preventionof common communicablediseases | * 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 systemAudio 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 systemAudio visual resources | Primary science pupils book for class six, pg. 10 |  |
| 5 | 1 |  | Signs and symptoms of /TuberculosisPrevention of Tuberculosis | By the end of this topic, the leader should be able to: a) Explain the symptoms and preventionof common communicablediseases(b)identify other immunizablediseases | * 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 preventionof common communicablediseasesb) identify other immunizablediseases  | * 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 preventionof common communicablediseasesb) 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 andreproduction 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 chartsCollected Sample Flowers Audio visual resources | Primary science pupils book for class six pg. 19-20 |  |
|  | 4 |  | Pollination | By the end of the topic, thelearner, should be able to:b) describe pollination andfertilizationa) Explain Types of pollination  | * Observing pictures and charts showing pollination
* Discussing pollination
 | Primary science pupils book for std six,Pictures and chartsCollected Sample plants | Primary science pupils book for class six pg. 21 |  |
|  | 5 |  | Agents of Pollination | By the end of the topic, thelearner, 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 chartsCollected Sample plants | Primary science pupils book for class six pg. 22 |  |
| 9 | 1 | Agents of Pollination | By the end of the topic, thelearner, 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 chartsCollected Sample plants | Primary science pupils book for class six pg. 22-23 |  |
|  | 2 | Fertilization in Plants | By the end of the topic, thelearner, should be able to:a) Explain the meaning of fertilization in plantsb) 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 chartsCollected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 3 | Parts of a seed | By the end of the topic, thelearner, should be able to:a) Explain the meaning of fertilization in plantsb) 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 chartsCollected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 4 |  | Activity | By the end of the topic, thelearner, should be able to:a) Explain the meaning of fertilization in plantsb) 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 chartsCollected Sample plants and seeds | Primary science pupils book for class six pg. 23 |  |
|  | 5 | Germination | By the end of the topic, thelearner, 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 chartsCollected Sample plants and seeds | Primary science pupils book for class six pg. 25-26 |  |
| 10 | 1 | WEATHER ANDTHE SOLARSYSTEM | **Solar system** | By the end of the topic, thelearner should be able to:a) name the nine planets in thesolar systemb) model the solar system | * Observing pictures and charts showing theSolar system
* Discussing the Solar system
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 28 |  |
|  | 2 | **Solar system** | By the end of the topic, thelearner should be able to:a) name the nine planets in thesolar systemb) model the solar system | * Observing pictures and charts showing theSolar system
* Discussing the Solar system
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 28-29 |  |
|  | 3 | **Solar system** | By the end of the topic, thelearner should be able to:a) name the nine planets in thesolar systemb) model the solar system | * Discussing theSolar system
* Discussing the Solar system and the planets
 | Primary science pupils book for class six,Pictures and chartsAudio 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 thesolar systemb) 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 skyb) 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, thelearner should be able to:a) identify types of feeds forlivestock | * Observing some animals feeding around
* Discussing Animal feeding
 | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner should be able to:a) identify types of feeds forlivestockb) identify Commercial feeds/concentrates  | * Discussing theSolar system
* Discussing the Commercial feeds/concentrates
 | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner should be able to:a) identify types of feeds forlivestockb) 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 36 |  |
|  | 4 |  | Methods of grazing | By the end of this topic, thelearner should be able to:a) identify types of feeds forlivestockb) describe the differentgrazing methods  | * Observing some animals feeding around
* Discussing Animal feeding and methods of grazing
 | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner should be able to:a) Explain the Constituents of Balanced diet for animals b)list the composition of abalanced diet in animalfeeding | Work to Do | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner should be able to:a) explain meaning of waterborne diseasesb) name some water bornediseases  | * Discuss Water borne diseases
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 2 | Meaning of water bornedisease | By the end of the topic, thelearner should be able to:a) explain meaning of waterborne diseases | * Discussing meaning of water borne diseases
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 3 |  | Cholera  | By the end of the topic, thelearner should be able to:a) explain the causes of cholerab) explain ways of preventing cholera | * Discussing transmission of cholera
* Discussing signs and symptoms of Cholera
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 39 |  |
|  | 4 |  | Typhoid | By the end of the topic, thelearner should be able to:a) explain the causes of cholerab) explain ways of preventing cholera | * Discussing transmission of cholera
* Discussing signs and symptoms of Cholera
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 40 |  |
|  | 5 | Bilharzia | By the end of the topic, thelearner should be able to:a) explain the causes of cholerab) explain ways of preventing cholera | * Discussing transmission of cholera
* Discussing signs and symptoms of bilharzia
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 40-41 |  |
| 3 | 1 | Preventive measures for somewater borne diseases such as | By the end of the topic, thelearner should be able to:a) describe preventivemeasures for some waterborne disease s | * Discussing preventive measures for some water borne disease s
 | Primary science pupils book for class six,Pictures and chartsAudio 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 chartsAudio 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, thelearner should be able to:a) a) explain soil erosion and itsagents  | * Discuss Meaning of soil erosion transmission of cholera
 | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner should be able to:a) a) explain soil erosion and itsagents | * Discussing Agents of soil erosion
* Visit are a affected by soil erosion
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
|  | 5 | Wind | By the end of the topic, thelearner should be able to:a) a) explain soil erosion and itsagents | * Discussing Wind as an Agent of soil erosion
 | Primary science pupils book for class six,Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 44-45 |  |
| 4 | 1 | Water | By the end of the topic, thelearner should be able to:a) a) explain soil erosion and itsagents | * Discussing Water as an Agent of soil erosion
 | Primary science pupils book for class six,Pictures and chartsAudio 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, thelearner 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 chartsAudio 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, thelearner 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 46 |  |
|  | 4 | Splash erosion | By the end of the topic, thelearner 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 45 |  |
|  | 5 |  | Rill Erosion | By the end of the topic, thelearner 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 46 |  |
| 6 | 1 | Gulley Erosion | By the end of the topic, thelearner 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 chartsAudio 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, thelearner should be able to:a)describe traditional and modernmethods of preserving food | * Discussing methods of preserving food
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 49 |  |
|  | 3 | Smoking and Drying | By the end of this topic, thelearner should be able to:a)describe traditional and modernmethods of preserving food | * Discussing methods of preserving food
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 51 |  |
|  | 4 |  | By the end of this topic, thelearner should be able to:a)describe traditional and modernmethods of preserving food | * Discussing methods of preserving food
 | Primary science pupils book for class six.Pictures and chartsAudio 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, theLearner should be able to:A)describe Use of low temperature  | * Discussing Use of low temperature
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
| 7 | **Mid Term 2 Exams** |  |
| 8 | 1 |  | canningand use of honey | By the end of this topic, theLearner should be able to:A)describe canningand use of honey as a way of preserving food | * Discussing methods of preserving food
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 52 |  |
|  | 2 |  | By the end of this topic, theLearner should be able to:A)describe canningand use of honey as a way of preserving food | * Discussing methods of preserving food
 | Primary science pupils book for class six.Pictures and chartsAudio 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 | ModernMethods of preserving food | By the end of this topic, thelearner should be able to:a)describe traditional and modernmethods of preserving food | * Discussing Use of low temperature
 | Primary science pupils book for class six.Pictures and chartsAudio 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, thelearner 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 chartsAudio 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, thelearner 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, thelearner 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 andopaque materials | By the end of this topic, thelearner 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 58 |  |
|  | 4 | By the end of this topic, thelearner should be able to:a) Explain How light travelsb) identify transparent,translucent and opaquematerials | * Investigating how light travels
* Observations on how light travels
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 58-59 |  |
|  | 5 | By the end of this topic, thelearner should be able to:a) Uses of Transparent, translucent andopaque materials b) identify transparent,translucent and opaquematerials | * Investigating how light travels
* Observations on how light travels
 | Primary science pupils book for class six.Pictures and chartsAudio 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, thelearner should be able to:a) demonstrate reflection oflight  | * 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, thelearner should be able to:a) demonstrate reflection oflight  | * 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 sourceof light and a smooth shinysurface | By the end of this topic, thelearner should be able to:a) demonstrate reflection oflight  | * 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 sourceof light and a smooth shinysurface | By the end of this topic, thelearner should be able to:a) demonstrate reflection oflight  | * 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, thelearner 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 aRainbow. | By the end of this topic, thelearner 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 aRainbow. | By the end of this topic, thelearner 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 aRainbow. | By the end of this topic, thelearner 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 OFMATTER | Composition of air | By the end of this topic, thelearner should be able to:a) name the components of airb)Name the composition of air | * Discussing properties of

matter * Observation
 | Primary science pupils book for class six.Pictures and chartsAudio 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, thelearner should be able to:a) name Uses of airb) 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 72 |  |
|  | 3 | Carbon dioxide (makingplant food, preserving soft drinks, fire extinguisher puttingour fires,) | By the end of this topic, thelearner should be able to:a) name Uses of airb) 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 73 |  |
|  | 4 | Nitrogen (used by legumesto make proteins) | By the end of this topic, thelearner should be able to:a) name Uses of airb) 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 chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 74 |  |
|  | 5 |  | Inert gases (in electric bulbsand tubes) | By the end of this topic, thelearner should be able to:a) name Uses of airb) 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 chartsAudio visual teaching and learning Aids | Primary Primary science pupils book for class six pg. 75 |  |
| 3 | 1 |  |  | Work to do | * Observations
 | - |  |  |
|  | 2 | MAKING WORKEASIER | Movement | By the end of this topic, thelearner should be able to:a) move objects and stopmoving objects | * Investigating what causes motion
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 76-77 |  |
|  | 3 | By the end of this topic, thelearner should be able to:a) stop moving objects | * Investigating what causes motion
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 77 |  |
|  | 4 | By the end of this topic, thelearner should be able to:a) move objects and stopmoving objects  | * Investigating The force of gravity
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 78 |  |
|  | 5 | By the end of this topic, thelearner should be able to:a) move objects and stopmoving objects  | * Investigating magnetic force
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 79 |  |
| 4 | Revisions |  |
| 5 | 1 |  | Stopping objects fromMoving | By the end of this topic, thelearner should be able to:a) stopmoving objects  | * Investigating what stops moving
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio 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, thelearner should be able to:a) stopmoving objects  | * Investigating the relationship between Stationary and Moving Objects
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 82 |  |
|  | 3 | By the end of this topic, thelearner should be able to:a) stopmoving objects  | * Investigating the relationship between Stationary and Moving Objects
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio visual teaching and learning Aids | Primary science pupils book for class six pg. 82 |  |
|  | 4 | By the end of this topic, thelearner should be able to:a) stopmoving objects  | * Investigating the relationship between Stationary and Moving Objects
* Observations
 | Primary science pupils book for class six.Pictures and chartsAudio 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, thelearner 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 chartsAudio 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, thelearner 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 chartsAudio 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, thelearner 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 chartsAudio 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** |  |