**Science schemes of work for standard \_\_6\_\_\_\_\_TERM\_\_\_1\_\_\_YEAR\_\_\_\_\_\_\_\_**

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| **WEEK** | **LESSON** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **ACTIVITIES** | **RESOURCES** | **REFERENCES** | **REMARKS** |
| **1** |  |  |  |  |  |  |  |  |
| **1****2** | **1** | **Reproductive system**  | **Parts of reproductive system** | **By the end of this topic the learner should be able to identify the parts of the reproductive system.** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | * **Chart**
* **Photographs**

**Diagrams from the book** | **-SCIA - 6 pg 2****-TG - 6 pg 2****-PSC-6 PB pg2****-TG-6 pg2** |  |
| **2** |  | **Female part**  | **By the end of this topic the learner should be able to identify and name the female parts of reproductive system.** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Observation**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA - 6 pg 2--4****TG -6 pg 2****-PSC-6 PB pg3****-TG-6 pg2** |  |
| **3** |  | **Male part** | **By the end of this topic the learner should be able to identify the male part of reproductive system** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA - 6 pg 5****TG - 6 pg 7****-PSC-6 PB pg5****-TG-6 pg** |  |
| **4** |  | **Functions of the ovary**  | **By the end of this topic the learner should be able to identify and describe functions of the ovaries** | * **Drawing**
* **Explanation**
* **Demonstrating diagrams**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 6****TG - 6 pg 3****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5** |  | **Functions of the oviduct**  | **By the end of this topic the learner should be able to identify function oviduct**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** | **1** |  | **Functions of the uterus**  | **By the end of this topic the learner should be able to identify and describe functions of the uterus and vagina** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg8** **SCIA – 6 pg 7****TG - 6 pg 4** |  |
| **2** |  | **The testis**  | **By the end of this topic the learner should be able to describe testis as part of male reproductive system and its functions.** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 8****TG - 6 pg 8****-PSC-6 PB pg4****-TG-6 pg5** |  |
| **3** |  | **The urethra and penis**  | **By the end of this topic the learner should be able to describe urethra and penis as part of male reproductive system and its functions.** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Drawing**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 4-8****TG - 6 pg 5****-PSC-6 PB pg8****-TG-6 pg5** |  |
| **4** | **Changes during adolescence**  | **Changes in boys**  | **By the end of this topic the learner should be able to identify and describe physical changes in boys**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 8****TG - 6 pg 5****-PSC-6 PB pg9****-TG-6 pg6** |  |
| **5** |  | **Changes in girls**  | **By the end of this topic the learner should be able to identify and describe physical changes in girls**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 8****TG - 6 pg 5****-PSC-6 PB pg9****-TG-6 pg6** |  |
| **4** | **1** |  | **Changes in boys and girls**  | **By the end of this topic the learner should be able to identify and describe physical changes in boys and girls**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and charts on** **The parts of reproductive system** | **SCIA – 6 pg 8****TG - 6 pg 7****-PSC-6 PB pg9****-TG-6 pg6** |  |
| **2** | **Health education**  | **Common communicable disease**  | **By the end of this topic the learner should be able to identify some common communicable disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
* **Note taking**
 | **Photographs and Poster****Pictures****Charts** | **SCIA – 6 pg 8****TG - 6 pg 4****-PSC-6 PB pg9****-TG-6 pg4** |  |
| **3** |  | **Common communicable disease**  | **By the end of this topic the learner should be able to describe the cause common communicable disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Photographs and Poster****Pictures****Charts** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg9****-TG-6 pg8** |  |
| **4** |  | **Common communicable disease**  | **By the end of this topic the learner should be able to describe the signs and symptoms of common communicable disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Photographs and Poster****Pictures****Charts** | **SCIA – 6 pg 8****TG - 6 pg 4****-PSC-6 PB pg9****-TG-6 pg8** |  |
| **5** |  | **Common communicable disease**  | **By the end of this topic the learner should be able to describe the prevention measures of common communicable disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Immunization chart** **Poster****Pictures****Charts** | **SCIA – 6 pg 7****TG - 6 pg 49****-PSC-6 PB pg6****-TG-6 pg8** |  |
| **5** | **1** |  | **Immunization**  | **By the end of this topic the learner should be able to describe the immunization schedule for infants**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Immunization chart** **Poster****Pictures****Charts**  | **SCIA – 6 pg 10****TG - 6 pg 4****-PSC-6 PB pg11****-TG-6 pg9** |  |
| **2** |  | **Immunization**  | **By the end of this topic the learner should be able to describe the immunization schedule for infants**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Immunization chart** **Poster****Pictures****Charts**  | **SCIA – 6 pg 10****TG - 6 pg 4****-PSC-6 PB pg11****-TG-6 pg11** |  |
| **3** |  | **Immunization**  | **By the end of this topic the learner should be able to describe other immunization diseases** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Immunization chart** **Poster****Pictures****Charts** | **SCIA – 6 pg 10****TG - 6 pg 12****-PSC-6 PB pg12****-TG-6 pg11** |  |
| **4** |  | **HIV/ AIDS testing**  | **By the end of this topic the learner should be able to state the importance of HIV/AIDS testing**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Poster****Pictures****Charts**  | **SCIA – 6 pg 11****TG - 6 pg 4****-PSC-6 PB pg14****-TG-6 pg12** |  |
| **5** |  | **Effect of HIV to individual**  | **By the end of this topic the learner should be able to identify and describe the effect of HIV/AIDS to individual**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Poster****Pictures****Charts**  | **SCIA – 6 pg 14****TG - 6 pg 4****-PSC-6 PB pg14****-TG-6 pg13** |  |

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| **6** | **1** |  | **Effect of HIV to family**  | **By the end of this topic the learner should be able to identify and describe the effect of HIV/AIDS to family**  | * **Discussion**
* **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Poster****Pictures****Charts**  | **SCIA – 6 pg 15****TG - 6 pg 14****-PSC-6 PB pg16****-TG-6 pg14** |  |
| **2** |  | **Effect of HIV to nation**  | **By the end of this topic the learner should be able to identify and describe the effect of HIV/AIDS to nation** | * **Explanation**
* **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Tobacco** **Cigarette** **Medicine** **Tea****Coffee****Beer bottle****posters** | **SCIA – 6 pg 17****TG - 6 pg 14****-PSC-6 PB pg16****-TG-6 pg14** |  |
| **8** | **1** | **Plants**  | **Plant** **Growth and reproduction**  | **By the end of this topic the learner should be able to state and draw and label parts of a flower**  | * **Explanation**
* **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Poster****Pictures****Charts** | **S SCIA – 6 pg 17****TG - 6 pg 14****-PSC-6 PB pg16****-TG-6 pg14** |  |
| **2** |  | **Pollination**  | **By the end of this topic the learner should be able to describe the process of pollination**  | * **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 18****TG - 6 pg 14****-PSC-6 PB pg21****-TG-6 pg16** |  |
| **3** | **Plants**  | **Fertilization**  | **By the end of this topic the learner should be able to describe the process of fertilization**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 19****TG - 6 pg 18****-PSC-6 PB pg6****-TG-6 pg17** |  |
| **4** |  | **Fertilization**  | **By the end of this topic the learner should be able to describe the process of fertilization**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 17****TG - 6 pg 17****-PSC-6 PB pg20****-TG-6 pg17** |  |
| **5** |  | **Parts of monocot**  | **By the end of this topic the learner should be able to state and draw and label parts of a seed**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****Water, seed****Charts** | **SCIA – 6 pg 19****TG - 6 pg 18****-PSC-6 PB pg16****-TG-6 pg15** |  |

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| **9** | **1** |  | **Parts of dicot**  | **By the end of this topic the learner should be able to state and draw and label parts of a dicot seed**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 19****TG - 6 pg 13****-PSC-6 PB pg20****-TG-6 pg18** |  |
| **2** |  | **Parts of monocot**  | **By the end of this topic the learner should be able to state and draw and label parts of a seed**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 21****TG - 6 pg 22****-PSC-6 PB pg23****-TG-6 pg24** |  |
| **3** |  | **Germination** **Water**  | **By the end of this topic the learner should be able to investigate the conditions necessary for germination**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**
 | **Soil** **Plants****water****Charts** | **SCIA – 6 pg 22****TG - 6 pg 24****-PSC-6 PB pg23****-TG-6 pg4** |  |
| **4** |  | **Germination** **warmth** | **By the end of this topic the learner should be able to investigate the conditions necessary for germination**  | * **Discussion**
* **Explanation**
* **Demonstrating chart**
 | **Soil** **Plants****Water, seed****Charts** | **SCIA – 6 pg 26****TG - 6 pg 24****-PSC-6 PB pg26****-TG-6 pg24** |  |
| **5** |  | **Germination** **oxygen** | **By the end of this topic the learner should be able to investigate the conditions necessary for germination**  | * **Explanation Discussion**
* **Explanation**
* **Demonstrating**
 | **Soil** **Plants****Water, seed****Charts** | **SCIA – 6 pg2 7****TG - 6 pg 24****-PSC-6 PB pg26****-TG-6 pg24** |  |
| **10** | **1** | **Weather and solar system**  | **Solar system**  | **By the end of this topic the learner should be able to name nine planet in the solar system**  | * **Demonstrating diagrams**
 | **Charts of solar system**  | **SCIA – 6 pg 27****TG - 6 pg 25****-PSC-6 PB pg26****-TG-6 pg24** |  |
| **2** |  | **Solar system**  | **By the end of this topic the learner should be able to name nine planet in the solar system**  | * **Note taking Discussion**
* **Explanation**
 | **Charts of solar system** | **SCIA – 6 pg 29****TG - 6 pg 26****-PSC-6 PB pg28****-TG-6 pg28** |  |
| **3** |  | **Solar system**  | **By the end of this topic the learner should be able to model nine planet in the solar system**  | * **Discussion**
* **Explanation**
* **Demonstrating chart**
 | **Charts of solar system** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4-5** | **Animals**  | **Animal feeds**  | **By the end of this topic the learner should be able to identify types of food for life stock**  | * **Explanation Discussion**
* **Explanation**
* **Demonstrating chart**
 | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 34****TG - 6 pg 32****-PSC-6 PB pg36****-TG-6 pg34** |  |
| **5** |  | **Grazing method**  | **By the end of this topic the learner should be able to identify grazing methods. Zero grazing**  | * **Demonstrating diagrams**
 | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 37****TG - 6 pg 34****-PSC-6 PB pg36****-TG-6 pg34** |  |
| **11** | **1** |  | **Grazing method**  | **By the end of this topic the learner should be able to identify grazing methods. strip** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 37****TG - 6 pg 34****-PSC-6 PB pg36****-TG-6 pg43** |  |
| **2** |  | **Grazing method**  | **By the end of this topic the learner should be able to identify grazing methods. paddock**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 38****TG - 6 pg 40****-PSC-6 PB pg36****-TG-6 pg34** |  |
| **3** |  | **Grazing method**  | **By the end of this topic the learner should be able to identify grazing methods. Tethering**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 39****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** |  | **Grazing method**  | **By the end of this topic the learner should be able to identify grazing methods. herding**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 40****TG - 6 pg39****-PSC-6 PB pg43****-TG-6 pg40** |  |
| **5** |  | **Constituent of balance diet**  | **By the end of this topic the learner should be able to describe and list composition of a balance diet**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 42****TG - 6 pg 4****-PSC-6 PB pg43****-TG-6 pg40** |  |
| **12****13** | **1** |  | **Constituent of balance diet**  | **By the end of this topic the learner should be able to describe and list composition of a balance diet**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Hay** **Pasture****Fodder****Commercial feed** | **SCIA – 6 pg 43****TG - 6 pg 4****-PSC-6 PB pg43****-TG-6 pg4** |  |
| **2-5** |  | **Revision**  | **By the end of this topic the learner should be able to revise and answer questions on the topics he/she covered in the term** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****pictures** | **SCIA – 6 pg 1-44****TG - 6 pg 4-40****-PSC-6 PB pg1-6****-TG-6 pg2-39** |  |

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| **14** |  |  | **Examination**  |  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Answering**  | **Charts****Pictures****Question papers** |  |  |
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**Science schemes of work**

**Science schemes of work for standard \_\_\_6\_\_\_\_TERM\_\_\_2\_\_\_\_YEAR\_\_\_\_\_\_\_\_**

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| **WEEK** | **LESSON** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **ACTIVITIES** | **RESOURCES/** | **REFERENCES** | **REMARKS** |
| **1** | **1** | **Water**  | **Water borne diseases** | **By the end of this topic the learner should be able to explain the meaning of water borne disease**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water**  | **SCIA – 6 pg43****TG - 6 pg 39****-PSC-6 PB pg46****-TG-6 pg41** |  |
| **2** |  | **Cholera**  | **By the end of this topic the learner should be able to identify and explain cholera as a waterborne disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg43****TG - 6 pg 39****-PSC-6 PB pg46****-TG-6 pg41** |  |
| **3** |  | **Typhoid**  | **By the end of this topic the learner should be able to identify and explain typhoid as a waterborne disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg44****TG - 6 pg 40****-PSC-6 PB pg47****-TG-6 pg42** |  |
| **4** |  | **Bilhalzia**  | **By the end of this topic the learner should be able to identify and explain bilharzia as a waterborne disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Resource person**  | **SCIA – 6 pg 47****TG - 6 pg 44****-PSC-6 PB pg48****-TG-6 pg43** |  |
| **5** |  | **Signs and symptoms** | **By the end of this topic the learner should be able to identify and explain signs and symptoms of a waterborne disease** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 47****TG - 6 pg 43****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** | **1** |  | **Preventive measures**  | **By the end of this topic the learner should be able to explain ways of preventing some water borne diseases**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 48****TG - 6 pg 44****-PSC-6 PB pg47****-TG-6 pg44** |  |
| **2** |  | **Preventive measures**  | **By the end of this topic the learner should be able to explain ways of preventing some water borne diseases**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** |  | **Preventive measures**  | **By the end of this topic the learner should be able to explain ways of preventing some water borne diseases**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** | **Soil**  | **Soil erosion**  | **By the end of this topic the learner should be able to explain meaning of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5** |  | **Soil erosion** **Wind**  | **By the end of this topic the learner should be able to explain and describe agents of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** | **1** |  | **Soil erosion** **water** | **By the end of this topic the learner should be able to explain and describe agents of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **2** |  | **Types of Soil erosion** **Splash**  | **By the end of this topic the learner should be able to explain and describe splash as types of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** |  | **Types of Soil erosion** **rill**  | **By the end of this topic the learner should be able to explain and describe rill as types of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Diorama**  | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** |  | **Types of Soil erosion** **Sheet** | **By the end of this topic the learner should be able to explain and describe sheet as types of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Trip to dam** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5** |  | **Types of Soil erosion** **gully** | **By the end of this topic the learner should be able to explain and describe gully as types of soil erosion**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Water** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5****6** | **1-2** | **Food and nutrition**  | **Preservation**  | **By the end of this topic the learner should be able to explain and describe smoking as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** |  | **Drying**  | **By the end of this topic the learner should be able to explain and describe drying as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **1** |  | **Low temperature**  | **By the end of this topic the learner should be able to explain and describe use of low temperature as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **2-3** |  | **Canning**  | **By the end of this topic the learner should be able to explain and describe canning as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4-5** |  | **Honey and salting**  | **By the end of this topic the learner should be able to explain and describe use of honey and salting as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **8** | **1** |  | **Proper storage**  | **By the end of this topic the learner should be able to explain and describe proper as a method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Fish,** **Meat** **Grain** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **2** |  | **traditional methods**  | **By the end of this topic the learner should be able to explain and describe traditional method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Fish,** **Meat** **Grain****Fruits**  | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **3** |  | **Modern methods**  | **By the end of this topic the learner should be able to explain and describe modern l method of food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Fish,** **Meat** **Grain****Fruits**  | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** |  |  | **By the end of this topic the learner should be able to revise the topic food preservation**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Fish,** **Meat** **Grain****Fruits**  | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5** |  |  | **By the end of this topic the learner should be able to revise the topic food preservation** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Fish,** **Meat** **Grain****Fruits**  | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **11****12** | **1** | **Energy**  | **Light**  | **By the end of this topic the learner should be able to indentify and describe how light travel**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface**  | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **2** |  | **Light**  | **By the end of this topic the learner should be able to indentify and describe how light travel**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface**  | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **3** |  | **Transparent**  | **By the end of this topic the learner should be able to identify transparent material**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface**  | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **4-5** |  | **Transparent**  | **By the end of this topic the learner should be able to identify transparent material**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface**  | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **1-5** |  | **Translucent**  | **By the end of this topic the learner should be able to identify translucent material**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface** | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **13** | **1-5** |  | **Revision**  | **By the end of this topic the learner should be able to revise and answer questions on the topics he/she covered in the term** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Charts****Pictures****Question papers** | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **14** |  |  | **Examination**  |  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Answering**  | **Charts****Pictures****Question papers** |  |  |
|  |  |  |  |  |  |  |  |
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|

**Science schemes of work**

**Science schemes of work for standard \_\_\_6\_\_\_\_TERM\_\_\_3\_\_\_\_YEAR\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **WEEK** | **LESSON** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **ACTIVITIES** | **RESOURCES/** | **REFERENCES** | **REMARKS** |
| **1****2** | **1** |  | **Translucent**  | **By the end of this topic the learner should be able to identify translucent material**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface** | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **2-3** |  | **Opaque**  | **By the end of this topic the learner should be able to identify to opaque materials**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface** | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **45** |  | **Opaque**  | **By the end of this topic the learner should be able to identify to opaque materials**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses water, mirror** **Torch, shinny surface** | **SCIA – 6 pg60- 70****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **1** |  | **Reflection of light**  | **By the end of this topic the learner should be able to investigate and demonstrate reflection of light**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Torch Glasses, water, mirror** **Torch, shinny surface** | **SCIA – 6 pg60- 71****TG - 6 pg 46-53****-PSC-6 PB pg50****-TG-6 pg58** |  |
| **3-4** |  | **Reflection of light**  | **By the end of this topic the learner should be able to investigate and demonstrate reflection of light using a source of light and smooth shinny surface**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glasses, water, mirror** **Torch, shinny surface**  | **SCIA – 6 pg 72****TG - 6 pg 54****-PSC-6 PB pg60****-TG-6 pg54** |  |
| **3****4** | **1** |  | **Refraction of light**  | **By the end of this topic the learner should be able to investigate and demonstrate refraction of light**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glass of water****Pencil****A Bottle**  | **SCIA – 6 pg 73****TG - 6 pg 54****-PSC-6 PB pg61****-TG-6 pg54** |  |
| **2** |  | **Refraction of light**  | **By the end of this topic the learner should be able to investigate and demonstrate refraction of light**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glass of water****Pencil****A Bottle of water** | **SCIA – 6 pg 73****TG - 6 pg 54****-PSC-6 PB pg68****-TG-6 pg4** |  |
| **1-2** |  | **Apparent Bending of light**  | **By the end of this topic the learner should be able to discuss safety demonstrate apparent bending of light in air**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glass of water****Pencil****A Bottle of water** | **SCIA – 6 pg 73****TG - 6 pg 64****-PSC-6 PB pg69****-TG-6 pg59** |  |
| **3** |  | **Apparent Bending of light**  | **By the end of this topic the learner should be able to discuss safety demonstrate apparent bending of light in air**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glass of water****Pencil****A Bottle of water****ruler** | **SCIA – 6 pg 73****TG - 6 pg 64****-PSC-6 PB pg69****-TG-6 pg61** |  |
| **4-5** |  | **Rainbow**  | **By the end of this topic the learner should be able to discuss safety demonstrate on making a rain bow**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Glass of water****Torch , mirror****A Bottle of water****ruler** | **SCIA – 6 pg 74****TG - 6 pg 66****-PSC-6 PB pg69****-TG-6 pg63** |  |
| **5** | **1** |  | **Revision**  | **By the end of this topic the learner should be able to answer the questions under the topic energy correctly** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Pencil** **Wires****Chart**  | **SCIA – 6 pg 74****TG - 6 pg 66****-PSC-6 PB pg70****-TG-6 pg67** |  |
| **WEEK** | **LESSON** | **TOPIC** | **SUB-TOPIC** | **OBJECTIVES** | **ACTIVITIES** | **RESOURCES/** | **REFERENCES** | **RMRKS** |
| **6** | **1** | **Properties of matter**  | **Composition of air**  | **By the end of this topic the learner should be able to identify the components of air .** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Seed** **Candle fire****Chart** **plastic** | **SCIA – 6 pg 75****TG - 6 pg 70****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **2** |  |  | **By the end of this topic the learner should be able to identify the composition of air in percentage** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Chart**  | **SCIA – 6 pg 76****TG - 6 pg 70****-PSC-6 PB pg73****-TG-6 pg4** |  |
| **3** |  | **Oxygen**  | **By the end of this topic the learner should be able to state uses of oxygen as component of air** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Seed** **Candle fire****Chart**  | **SCIA – 6 pg 76****TG - 6 pg 67****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4** |  |  | **By the end of this topic the learner should be able to state uses of carbon dioxide as component of air** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Chart** **Candle** **soda** | **S SCIA – 6 pg 77****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **5** |  |  | **By the end of this topic the learner should be able to state uses of nitrogen as component of air** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Chart** **Leguminous plant**  | **SCIA – 6 pg 77****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
|  | **1** |  |  | **By the end of this topic the learner should be able to state uses of inert gases as component of air** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Electric bulb**  | **SCIA – 6 pg 78****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **8****9** | **1-3** |  | **Revision**  | **By the end of this topic the learner should be able to revise and answer question in the mid term examination**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Revision paper****Books** | **SCIA – 6 pg 78****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4-5** |  |  | **By the end of this topic the learner should be able to revise and answer question in the mid term examination** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Revision paper****Books** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **1-5** |  |  | **By the end of this topic the learner should be able to revise and answer question in the mid term examination** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Revision paper****Books** | **SCIA – 6 pg 7****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **10****11** | **1-2** | **Making work easier**  | **Movement**  | **By the end of this topic the learner should be able to move an object**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Ball bearing****Oil****Grease** **Glossy surface****Rough surface****Treads** | **SCIA – 6 pg 79****TG - 6 pg 65****-PSC-6 PB pg76****-TG-6 pg63** |  |
| **3** |  |  | **By the end of this topic the learner should be able to stop a moving object from moving**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Ball bearing****Oil****Grease** **Glossy surface****Rough surface****Treads** | **SCIA – 6 pg 80****TG - 6 pg 4****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **4-5** |  | **Force**  | **By the end of this topic the learner should be able to explain the meaning of force** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Ball bearing****Oil****Grease** **Glossy surface****Rough surface****Treads** | **SCIA – 6 pg82****TG - 6 pg 74****-PSC-6 PB pg6****-TG-6 pg4** |  |
| **1-2** |  |  | **By the end of this topic the learner should be able to identify Newton as units for measuring force**  | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Spring balance** | **SCIA – 6 pg 83****TG - 6 pg 64****-PSC-6 PB pg78****-TG-6 pg74** |  |
| **3** |  |  | **By the end of this topic the learner should be able to identify Newton as units for measuring force** | * **Discussion**
* **Explanation**
* **Demonstrating diagrams**

**Note taking** | **Ball bearing****Oil****Grease** **Glossy surface****Rough surface****Treads** | **SCIA – 6 pg 83****TG - 6 pg 66****-PSC-6 PB pg86****-TG-6 pg74** |  |
| **12** | **1** |  |  | **By the end of this topic the learner should be able to revise and answer question in the term examination** | * **Discussion**
* **Explanation**
* **Answering**
 |  | **SCIA – 7 pg 2-100****TG - 7 pg2-52** **-PSC-7 PB pg2-129****-TG-7 pg70** |  |
| **13** |  |  |  | **By the end of this topic the learner should be able to revise and answer question in the term examination** | * **Discussion**
* **Explanation**
* **Answering**
 |  |  |  |