**FORMAT OF UNIT PLAN/SCHEME OF WORK**

**District: Nyamasheke Academic year**: 2023/2024 **Term:** First Term **School**:

**Subject: SET Teacher**: **Class**: P5 No of period per week:

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| **Weeks &Dates**  | **Unit title**  | **Lesson title** **+Eval uation**  | **Learning objectives + Key unit competence**  | **Teaching** **Methods &** **Techniques + Evaluation procedures**  | **Resources & References**  | **Observation****s**  |
| **Week 1**  From September 25th to 29th  | General revision of P4SET CONTENT  |  |  |  |
| **Week 2** **October** **02nd to 06th**  | **Unit1: Carpent****ry tools**  | . Carpentry tools . Use and mainte nance of carpentry tools   | ♦To be able to use and maintain carpentry tools ● Understanding the importance of carpentry tools ● To be able to use and maintain carpentry tools ● Practice safe use of carpentry tools  |  \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| **Week 3 from** **October** **10th to 14th**  | . Dangers of carpent ry tools And securit y measures .  |   |
| **Week 4 from** **October** **16thto20th**  | **Unit2:** **Masonry** **tools**  | **.** **Mason ry tools . Usage and mainte****nance of** **mason ry tools**  | ♦To be able to use and maintain masonry tools ●Understanding the importance of farm tools ●Correctly use and maintain masonry tools ●Practice safe use of farm tools   | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| **Week5** **From** **October** **23thto 27th**  | **Unit3: Objects producti on**  | Toys in Sorghu m Straws  | ♦To be able to make simple utility objects, toys and leaning materials   | \*Questions and answers \*Demonstratio n \*Group work \* Discussion  | Science and Elementary Technology for Rwandan Schools Pupil’s book  |   |

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|  |  | & sticks . Utility objects . Learni ng materia ls . Mainte nance of utility and learnin g materials   | ●Knowing the locally available materials used in making various utility objects  ●Be able to make objects for playing, learning and general utility   | and presentation \*Research work  | P5 SPOTLIGHT &Laxmi Publications  |  |
| **Week 6** **From** **October** **30th to 03rd November** | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| **Week 7** **From** **November**  **06thto 09th**  | **Unit4:** **Comput****er my friend**  | **. Data and** **memor****y** **.** **Examp****les of data** **and** **memor****ies** **.** **Sharin****g** **docum****ent**  | ♦To be to use data storage devices and data sharing   ●Proper explanation of terminologies   ●Proper use procedures   | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018  Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018   |   |
| **Week 8** **From** **November 13th to** **17th**  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  |   |
| **Week 9** **From****November** **20thto 24th**  | **Unit5: Writing** **skills**  | . Create and insert tables . Insert picture and image Unit revisio | To be able to perform activity. ●Effectively insert tables, columns, rows and images. ●Ability to resize images and pictures   | \*Questions and answers \*Demonstratio n \*Group work \*Discussion and presentation \*Brainstormin g \*Round table   | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT  |   |
|  |  | n  |  |  | Lesson PLAN 2018   |  |  |
| **Week 10** **From** **November** **27th to 01st/DEC**  | **Unit 6:** **Comput er research**  | .E-mail accoun t .Browse activity . Unit revisio n   | ♦ To be able to explore and use the browse activity and use of E-mails ●Proper explanation of browse activity terminology ●Work in pairs to open new email account ●Ability to read inbox messages ●Practical knowledge on how to navigate effectively   | \*Questions and answers  \*Demonstratio n  \*Group work  \* Discussion and presentation \*Round table \*Brain storming  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018   |   |   |
| **Week 11** **From DEC** **04th to 08th** | GENERAL REVISION |  |
| **Week 12** **From** **DEC** **11th to 15th**  | Examinations period and supervision of examinations   |   |
| **Week 12** **From 18th** **April to 22th**  | Marking, making school reports period and closing the first term  |   |

**FORMAT OF UNIT PLAN/SCHEME OF WORK**

**District: Nyamasheke Academic year**: 2023/2024 **Term**: Second Term **School**:

**Subject: SET Teacher**: **Class**: P5 No of period per week:

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| **Weeks** **&** **Dates**  | **Unit title**  | **Content** **(lessons) and evaluation**  | **Learning objectives + Key unit competence**  | **Teaching** **Methods &** **Techniques + Evaluation procedures**  | **Resources** **&** **References**  | **Obse****rvati ons**  |
| Week 1 From January 08th to 12th  | **Unit 7:** **Programmi****ng for children**  | . Drawing regular geometric shapes     | . To be able to perform arithmetic operations . draw geometrical shapes using turtle art activity and create dialogue and cartoons using scratch activity. . Understanding how to use turtle art to draw geometrical shapes.     ●Apply their knowledge on the use of scratch activities to create programs   | Questions and answers \*Demonstratio n \*Group work  \* Discussion and presentation \*Brain storming \*Round table    | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018    |   |
|    |  |    | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018   |   |
| Week 2 From **January** 15th to 19th  |   Arithmetic operatio ns  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGH |   |

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|  |  |  |  |  | T &Laxmi Publications SET and ICT Lesson PLAN 2018   |  |
|   | * Creating dialogue and cartoons using

sprite * Unit

revision   | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications SET and ICT Lesson PLAN 2018   |   |
| Week 3 From January 22ndto 26th  | **Unit 8: water**  | * Importa

nce of water * Sources

of water * Properti

es of water * Rain

water * Methods

of protecti ng the environ ment from rain water * Water

pollutant  | ♦ To be able to purify water for drinking and explain dangers of polluted water        ●Explain what a simple water cycle is.      ●Understanding the purification process of water and make water filter.  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 4 From January 29thto 02nd February  | * Dangers of water pollutio

n * Preventi

on of water pollution * Purificat

ion of water * Making

a water filter * Water

storage  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |

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| Week 5 From February 05th to 09 th  |  |  Unit revision  |  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications    |   |
| Week 6 From February 12thto 16th  | **Unit 9:** **soil**  | * Preparat

ion of soil for cultivati on * Fertiliza

tion of soil for cultivation * Importa

nce of fertilizers  * Rules of applying fertilizer

s * Unit

revision  | ♦To be able to prepare the soil for cultivation and use the soil fertilizers   ● Differentiate between organic and inorganic fertilizers   ●Being able to outline the various activities as they are carried out in the farm.   | \*Questions and answers  \*Demonstratio n  \*Group work  \* Discussion and presentation  \*Research work  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 7 From February 19thto 23rd   | **Unit 10:** **Animals**  | * Conditio

ns of a good chicken house * Types

of breeds * Reprodu

ction of chickens  | ♦To be able to explain and practice effective chicken farming     ●practical knowledge on how to rear chicken        ●Understanding the importance of taking care of the chickens ●Appreciating the benefits of chicken farming  | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 8 From February 26thto 01st /March   | * Proper

feeding of chickens * Chicken

diseases * Preventi

on of chicken diseases * Importa

nce of chicken farming * Chicken farming
 | \*Questions and answers \*Demonstratio n \*Group work \* Discussion and presentation  |  Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 904-08/03 |  | process  - Unit revision   | to the farmer and the country   |  |  |  |
| Week 10 From March 11th  to 15th  |  General revision     |
| Week 11 From March 18th to 22th  | . -Examinations period and supervision of examinations    |
| Week 12 From March 25thto 29th  | -Marking, making school reports period and closing the first term  |

**FORMAT OF UNIT PLAN/SCHEME OF WORK**

**District: Nyamasheke Academic year**: 2019 **Term:** Third Term **School**:

**Subject: SET Teacher**: **Class**: P5 No of period per week:

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| **Weeks &Dates**  | **Unit title**  | **Content** **(lessons) and evaluation**  | **Learning objectives + Key unit competence**  | **Teaching** **Methods &** **Techniques + Evaluation procedures**  | **Resources** **&** **References**  | **Observati ons**  |

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| Week 1 From April15th to 19th  | **Unit 11: Plants and environment**  |  * Importa

nce of plants * Comm on importa nce of trees on environ ment

  | ♦To be able to explain the importance of plants and deforestation’s effects on the environment ●To be able to identify uses of different crops. ●Discuss and explain uses of trees ●Define term related to forestry ●Demonstrate how to care for the trees  | Questions and answers \*Demonstration \*Group work \* Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 2 From April 22th to 26th  | **Unit 11: plants and environment**  | * Other importa nce of

trees * Effects

of afforest ation and defores tation on the environment * Unit

revisio n  | ♦To be able to explain the importance of plants and deforestation effects on environment. ●To be able to identify the uses of different crops ●Discuss and explain uses of trees ●Define term related to forestry. ●Demonstrate how to care for the trees  | \* Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 3 From April 29th to 03rd May  | **Unit 12: Digestive system**  | * Functio

ns of digestiv e system * Stages

of digestion * Hygien

e of digestion  * Compo

nent of balance diet * Elemen

ts of a balance diet  | ♦To be able to explain different stages of digestion and prepare a balanced diet.  ●Understanding digestion process    ●Knowing and appreciating the parts of digestive system     ●Practical knowledge on how to identify nutritional deficiency diseases and how to prevent  | * Demonstration

 \*Group work and presentation  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue \*Brain storming \*Critical thinking * Demonstration

 \*Group work  \*Discussion and presentation  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |

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|  |  | . Nutritional deficiency diseases and their prevention . Prevention of nutritional diseases . Unit revision   | them.  |  \*Questions and answers  \*Observation  \*Dialogue  |  |  |
| Week 4 From May06th to 10th   | **Unit 13: Reproductive system**  |  Human reprodu ctive system . Hygiene of female genital organ  | To be able to practice hygiene and recognize sexually characteristics and responsible behavior                  ●To explain the importance of the human reproductive organs  ●Should be able to explain how to practice hygiene of sexual organs   ●List the sexual characteristics in boys and girls during puberty  | Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers   | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 5 From May 13rd to 17th  |  |    | Hygiene of the male genital organ  | \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 6 From May 20th to 24th  |   . Love a infatuation | Sexual charact eristics at puberty Safe respons ible behavior nd   | \* Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 7 From May27th to 31th  |  Unit revision   | \* Demonstration  \*Group work  \*Discussion and presentation   | Science and Elementary Technology for Rwandan Schools Pupil’s book P5  |   |

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|  |  |  |  | \*Questions and answers  \*Observation  \*Dialogue  | SPOTLIGHT &Laxmi Publications  |  |
|      | **Unit 14:** **light**  |  * Light propag ation
* Types

of mediu m for light transmission * Laws

of light propag ation . Unit revision   | To be able to demonstrate the existence of light, explore its properties and transmission according to intensity ●Team work ●Understanding how light travels through different media ●Practical knowledge of reflection and refraction ●Appreciating the benefits of refraction  | \* Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 8From June03th to 07th | **Unit 15:** **Electricity**  | * Importa

nce of electricity * Product

ion of electricity * Sources

of electric ity * Compo

nent of electric circuit * Danger

s of electricity * Unit

revision   | ♦To be able to construct, manage and electric circuit and explain its important ●Understanding how electricity is produced ●Construct a simple electric circuit ●Manage an electric circuit and explain its importance  | \* Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
|   | \* Demonstration  \*Group work  \*Discussion and presentation  \*Questions and answers  \*Observation  \*Dialogue  | Science and Elementary Technology for Rwandan Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |   |
| Week 9 From October 10th to14th | **Unit 16:** **Materials**  |  Classification of materia |     ♦To be able to  | \* Demonstration    \*Group work  | Science and Elementary Technology for Rwandan  |   |
|  |  | ls * Comm on

metals * Physica

ls properti es of metals * Uses of commo n metals
* Mainte nance of

metals * Calcula

tion of density * Relativ

e density * Differe

ntiating density of regular and irregular objects * Applica

tions of relative density * Unit

revisio n  | classify materials according to their properties in metals and non-metals, and calculate their density             ●Practical approach on how to calculate relative density         ●Classification of material on metals and non-metals   |    \*Discussion and presentation    \*Questions and answers     \*Observation    \*Dialogue  | Schools Pupil’s book P5 SPOTLIGHT &Laxmi Publications  |  |
| Week 10 From June 17th to21th   | General revision.    |  |
| Week 11 From June 24thto 28th    | Examinations period and supervision of examinations  |  |
| Week12 From July 01rd to 05th  | Marking, making school reports period and closing the first term  |  |