**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** | .  Carpen  try tools . Use and mainte nance of carpent  ry 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** | .  Danger  s of carpent ry tools  And  securit y  measur  es  . |  |
| **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  materia  ls | ●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  .Brows  e 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  SPOTLIGH  T &Laxmi  Publications  SET and  ICT Lesson  PLAN 2018 |  |
|  |  |  | Science and  Elementary Technology  for  Rwandan Schools Pupil’s book P5  SPOTLIGH  T &Laxmi  Publications  SET and  ICT Lesson  PLAN 2018 |  |
| Week 2  From  **January** 15th to  19th |  Arithme  tic  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  SPOTLIGH  T &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   pollutan  t | ♦ 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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 4  From  January  29thto  02nd February | * Dangers of water pollutio   n   * Preventi   on of water pollutio  n   * 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  SPOTLIGH  T &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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 6  From  February  12thto  16th | **Unit 9:**  **soil** | * Preparat   ion of soil for cultivati on   * Fertiliza   tion of soil for cultivati  on   * Importa   nce of fertilizer  s     * 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  SPOTLIGH  T &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  SPOTLIGH  T &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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 9  04-08/03 |  | 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  April  15th 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  SPOTLIGH  T &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 environ  ment   * 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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 3  From  April  29th to 03rd May | **Unit 12: Digestive system** | * Functio   ns of digestiv e system   * Stages   of digestio  n   * Hygien   e of digestio  n     * 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  SPOTLIGH  T &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  May  06th 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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 5  From May  13rd to 17th |  |  | Hygien  e of the male genital organ | \*Observation    \*Dialogue | Science and  Elementary Technology  for  Rwandan Schools Pupil’s book P5  SPOTLIGH  T &Laxmi  Publications |  |
| Week 6  From  May  20th to 24th |     . Love a infatuation | Sexual charact eristics  at puberty Safe respons ible  behavio  r  nd | \* Demonstration    \*Group work    \*Discussion and  presentation    \*Questions and answers    \*Observation    \*Dialogue | Science and  Elementary Technology for  Rwandan Schools Pupil’s book P5  SPOTLIGH  T &Laxmi  Publications |  |
| Week 7  From  May  27th to 31th |  Unit  revisio  n | | \* 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 | SPOTLIGH  T &Laxmi  Publications |  |
|  | **Unit 14:**  **light** | * Light propag ation * Types   of  mediu m for  light transmi  ssion   * 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  SPOTLIGH  T &Laxmi  Publications |  |
| Week 8  From  June  03th to 07th | **Unit 15:**  **Electricity** | * Importa   nce of electric  ity   * Product   ion of electric  ity   * Sources   of electric ity   * Compo   nent of electric  circuit   * Danger   s of electric  ity   * Unit   revisio  n | ♦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  SPOTLIGH  T &Laxmi  Publications |  |
|  | \* Demonstration    \*Group work    \*Discussion and presentation    \*Questions and answers    \*Observation    \*Dialogue | Science and  Elementary Technology  for  Rwandan Schools Pupil’s book P5  SPOTLIGH  T &Laxmi  Publications |  |
| Week 9  From  October  10th to14th | **Unit 16:**  **Materials** |  Classifi  cation  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 irregula  r  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  SPOTLIGH  T &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 | | | |  | |