**District: Nyamasheke FORMAT OF UNIT PLAN/ SCHEME OF WORK.**

**Term: First Term SCHOOL…………………………………**

**Subject: SET Academic year 2023/2024**

Teacher…………………………………………………… **Class**: P4 No of period per week: 5

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| **Weeks &Dates** | **Unit title** | **Content (lessons) and evaluation** | **Learning objectives**  **+ Key unit competence** | **Teaching methods & Techniques + evaluation procedures** | **Resources & References** | **Observations** |
| **Week1**  From September 25th to 29th | General revision | |  |  |  |  |
| **Week 2**    From October 2nd to 6th | Unit 1:  **Agricultural**  **Tools** | Identification of  Agricultural Tools  Uses of Agricultural  Tools  Maintenance of  Agricultural Tools | ♦ **To be able to use and maintain agricultural tools safely**    ● Understanding the importance of farm tools.  ●To be able to use and maintain agricultural tools. | * Demonstration      * Group work      * Discussion and     presentation \* Questions and answers | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| **Week 3**    From  October  9thto13thOctober | Storage of  Agricultural Tools Dangers of the Misuse of Agricultural Tools Precautions while  Using Agricultural  Tools  Unit revision | ♦**To be able to use and maintain agricultural tools safely**    ●To be able to use and maintain agricultural tools.  ● Practice safe use of farm tools. | * Demonstration      * Group work      * Discussion and   presentation     * Questions and answers | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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| **Week 4**  **From16thto**  **20thOctober** | Unit 2:  Objects  Production | Making Toy Bicycle and Doll  Making Toy Cat and  Motorcycle  Making Basket (A  Utility Object) | ♦ **To be able to make play, utility and leaning objects.**    ●Knowing locally available materials used to make useful  objects | * Questions and answers      * Discussion and   presentation     * Demonstration | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| **Week 5**  **From**  **October 23th to**  **27th** | Making Dustbin and  Mat (Utility Objects)  Making Learning  Materials  Maintenance of Toys,  Utilities and Learning  Objects  Unit Revision | ♦ **To be able to make play, utility and leaning objects.**    ●Knowing locally available materials used to make useful objects  ● Be able to make object for playing, leaning and general utility | * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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| **Week 6**  **From October30 th to 03rd November**        **Week 7**  **From**  **November**  **6thto 10th** | Unit 3:  Computer  My Friend | Computer  Data and Information  Communication  Technology  Activity and Project  Digital and Analogue  Data      Hardware and Software  Sugar Interface    Gnome Interface  The Journal  Searching and  Retrieving a Saved Document  in the Journal | **♦To be able to use common ICT terms and differentiate Sugar and Gnome user interfaces**     * Understanding proper use of common ICT terms.      * Differentiate between Gnome and Sugar interfaces.      * Use the journal. | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications**  SET and ICT  Lesson plan  2018 |  |
| **Week 8**  **From 13thto 17th**  **November** | - Unit Revision |  | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications**  SET and ICT  Lesson plan  2018 |  |
| **Week 9**  **From**  **20thto 24thNovember** | Unit 4:  **Writing Skills** | Text Selection  Formatting Text  The Keyboard and  Touchpad  Unit Revision | **♦To be able to perform write activity.**     * Writing text at an improving speed.      * Understanding how to use special keys      * Ability to collaborate in write activities. | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications**  SET and ICT  Lesson plan  2018 |  |
| **Week 10**  **From**  **November**  **27th to 01stDecember** | Unit 4 Revision | | | |  | |
| **Week 11**  **From 04thto**  **08thDecember** | - General Revision | | | |  | |
| **Week 12**  **From 11thDecember to 15th** | - Examinations period and Examinations supervision | | | |  | |
| **Week 13**  **From 18thDecemberto 22nd** | -Marking, making school reports period and closing the first term | | | |  | |

# FORMAT OF UNIT PLAN/SCHEME OF WORK

**District: Nyamasheke Academic y** **Term**: Second Term **School**………………………

**Subject: SET Teacher**……………………………….………... **Class**: P4 No of period per week: 5

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| **Weeks &Dates** | **Unit title** | **Content (lessons) and evaluation** | **Learning objectives + Key unit competence** | **Teaching methods & Techniques + evaluation procedures** | **Resources & References** | **Observations** |
| Week 1  From  January  08th to  12th | Unit 5:  Graphics and Multimedia | Paint Application  Toolbar  Drawing with Free Hands  Drawing Using Shapes  Comments on a Picture and  Save, Close and  Open an Activity Unit Revision | ♦ To be able to use paint activity to draw and colour different shapes and to enhance project work.    ● Working in pairs to complete project given correctly. | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** SET and ICT Lesson  plan 2018 |  |
| Week 2  From  January  15th to 19th January | Unit 6:  Programming for Children | Turtle Art  Elements of Turtle Art  Using Turtle Art | ♦ To be able to design and construct geometric shapes in turtle art activity and create animations using  Scratch Activity    ● Understanding how to use turtle art activity and  Scratch activity | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and   presentation | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** SET and ICT Lesson  plan 2018 |  |

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|  |  |  |  | \* Demonstration    \*Research work |  |  |
| Week 3  From January 22th  to 26th | Instructions/Commands  Drawing  Saving a Document, Closing and Opening | ♦ To be able to design and construct geometric shapes in turtle art activity and create animations using  Scratch Activity    ● Practical knowledge on use of Turtle Art Activity and Scratch Activity. | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** SET and ICT Lesson  plan 2018 |  |
| Week 4  From  January  29thto 02nd February | Turtle Art Activity  Scratch Window  Object Animations (Animate an Object) Unit Revision | ♦ To be able to design and construct geometric shapes in turtle art activity and create animations using  Scratch Activity    ● Enjoying activities in  Turtle and Scratch  Activities | \*Group work    \*Brain storming    \*Round table     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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| Week 5  From  February  05th to 9th | Unit 7:  Air, Wind  and Sound                                Unit 8:  Soil | Main Properties of Air  Composition of Air  Utility of Air Components in  Daily Life  Dangers of Components of  Air  Wind and its Types  Uses of Air and Wind | ♦ To be able to explain properties and importance of Air and effects of Wind as well as Sound in surrounding environment.    ● Explaining the composition of Air. | \*Group work    \*Brain storming     * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 6  From February  12th to  16th | * Dangers of Wind   Sound   * Unit Revision - Definition of Soil * Types of Soil - Composition of Soil - Uses of Soil | ♦ To be able to explain properties and importance of Air and effects of Wind as well as Sound in surrounding environment. ● Understanding the effects of Wind and controlling its destructive effects     * Demonstrating Sound   production and propagation.  To be able to choose good soil and prevent it from erosion.     * Understanding soil, its uses, composition and fertility. | \*Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 7  From  19thFebruary 23rd |  | Characteristics of Fertile Soil  Soil Erosion  Agents of Soil Erosion  Causes of Soil Erosion  Types of Soil Erosion  Prevention of Soil Erosion  Unit Revision | ♦ To be able to choose good soil and prevent it from erosion.      ● Appreciating the | \*Group work    \*Brain storming    \* Questions and answers | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT |  |

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|  | Unit 9:  Animals |  | importance of soil fertility by preventing soil erosion | * Discussion and   presentation     * Demonstration     \*Research work | &**Laxmi**  **Publications** |  |
| Week 8  From  February  26th to 01st March | Classification of Animals  According to the  Backbone  Classes of Vertebrates and Invertebrates  Classification of Animals  According to the  Respiration Mode | ♦ To be able to classify the animal according to their back bone, locomotion, feeding, reproduction and respiration.    ● Classifies animals according to their back bone and respiration mode.  . | \*Group work    \*Brain storming     * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 9  From  March  04thto  08th |  | Classification of Animals  According to the Locomotion Mode Classification of Animals  According to the  Feeding Mode  Classification of Animals  According to them  Reproductive Mode  Unit Revision | ♦ To be able to classify the animal according to their back bone, locomotion, feeding, reproduction and respiration.    ● Classifies animals according to their mode of locomotion, feeding and reproduction. | \*Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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|  | Unit 10 :  Animals  Management | | -Conditions of a Good  Rabbit Hutch  -Characteristics of Good  Rabbits  -Distinguishing Male from  Female Rabbits  -Criteria for Choosing a  Rabbit to Rear (Rabbit  -Breeding Guide)  -Proper Feeding of Rabbits  Rabbit Health  -Common Diseases in  Rabbits  -Importance of Rabbit  Farming  -Unit Revision | ♦ To be able to explain and practice the rabbit keeping.     * Practical knowledge of how to rear rabbits.      * Understanding the Importance of taking care of rabbits and other animals.   To be able to explain and practice the rabbit keeping.       * Appreciating the benefits of rabbits keeping to the farmer and country. | \*Group work    \*Brain storming     * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** SET and ICT Lesson  plan 2018 |  |
| Week 10  From  March  11th to  15th | General revision | | | |  |  | |
| Week 11  From  March  18th to22th |  | | 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**: 2023/2024 **Term**: Third Term **School**………………………

**Subject: SET Teacher**………………………………….………... **Class**: P4 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** | **Observations** |
| Week 1 From15th to19th A pril | Unit 11:  Plants | Definition of  Germination  Conditions Necessary for Seed Germination Types of Germination  Stages of Germination | To be able to demonstrate stages of germination and establish relationship between parts of plants and their function.     * Practical knowledge on how plant seeds correctly for them to   germinate     * Understanding the germination process, types of germination | \*Group work    \*Brain storming     * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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|  |  |  | and conditions for germination. ● Appreciate plants around them and their usefulness |  |  |  |
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| Week 2  From  April  22nd to 26th | Unit 11:  Plants | Types of Plants  Parts of Plants and their  Functions  Unit Revision | ♦ To be able to demonstrate stages of germination and establish relationship between parts of plants and their function.    ● Appreciate plants around them and their usefulness | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 3  From  April  29th to 03rd May | Unit 12:  Human  Sensory  Organs | Functional Mechanism of All Sensory Organs Structure, Function and  Maintenance of Skin | ♦ to be able explain the structure, function and maintenance of the human sensory organs       * Understanding how the sensory organs work.      * Knowing and appreciating the various parts of the sensory organs. ● | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 4  From  May | Structure, Function and  Maintenance of Tongue | ♦ to be able explain the structure, function and maintenance of the | Group work    \*Brain storming | Science and  Elementary  Technology for |  |

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| 06th to 10th |  |  | human sensory organs    ● Practical knowledge on how to identify diseases of the sensory organs, prevent accidents of sensory organs and how to care for sensory organs. | * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 5  From  May  13th to 17th | Structure, Function and  Maintenance of Nose | ♦ to be able explain the structure, function and maintenance of the human sensory organs    ● Practical knowledge on how to identify diseases of the sensory organs, prevent accidents of sensory organs and how to care for sensory organs. | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 6  From  May  20th to 24th | Structure, Function and  Maintenance of Ear | ♦ to be able explain the structure, function and maintenance of the  human sensory organs    ● Practical knowledge on how to identify diseases of the sensory organs, prevent accidents of sensory organs and how to care for sensory organs. | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 7  From  May  27thto 31st | Structure, Function and  Maintenance of Eye  Unit Revision | ♦ to be able explain the structure, function and maintenance of the human sensory organs | Group work    \*Brain storming | Science and  Elementary  Technology for  Rwandan Schools |  |

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|  |  |  | ● Practical knowledge on how to identify diseases of the sensory organs, prevent accidents of sensory organs and how to care for sensory organs. | * Questions and answers      * Discussion and presentation      * Demonstration     \*Research work | Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 8  From  June    03rd to 07th | Unit 13:  Human  Skeleton | Main Parts and Major  Bones of the Skeleton  Functions of the  Skeletal System  Accidents of Bones | ♦ To be able to describe human skeleton and explain its functions and maintenance.     * Understanding parts of the skeleton and their functions.      * Practical knowledge on how to prevent accidents of the skeleton, how to maintain good health of the skeleton and practicing proper hygiene of the skeleton.      * Teamwork | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week 9  From June  10thto  14rd | Unit 13:  Human  Skeleton | Bone Diseases  Hygiene of the Skeleton  Prevention of Bone  Diseases and Deformation  of Vertebral Columns  Unit Revision | ♦ To be able to describe human skeleton and explain its functions and maintenance.     * Understanding parts of the skeleton and their functions.      * Practical knowledge on how to prevent accidents of the | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |

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|  |  |  | skeleton, how to maintain good health of the skeleton and practicing proper hygiene of the skeleton.    ● Teamwork |  |  |  |
|  | Unit 14:  Muscles | Main Groups of Muscles  Major Voluntary  Muscles of the Human Body  Functions of Voluntary  Muscles | ♦ To be able to identify the functions and maintenance of muscles.     * Identify major voluntary muscles in the human body.      * Understanding how the muscles work. | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
|  | Accidents of Muscles  (Cramp) and First Aid Hygiene of Muscles  Prevention of Accidents | ♦ To be able to identify the functions and maintenance of muscles ● Practical knowledge on how to prevent accidents of muscles and how to maintain the proper functions of muscles. | Group work    \*Brain storming     * Questions and answers      * Discussion and   presentation     * Demonstration     \*Research work | Science and  Elementary  Technology for  Rwandan Schools Pupil’s book P4  SPOTLIGHT  &**Laxmi**  **Publications** |  |
| Week10  From  June  17th to 21th | General revision | | | |  | |
| Week 11  From June 24th to 28th | Examinations period and supervision of examinations | | | |  | |
| Week 12  From 01st to  05thJuly | Marking, making school reports period and closing the first term. | | | | | |