**MINSTRY OF GENERAL EDUCATION**

**SOUTHERN PROVINCE**

SCHEMES OF WORK

**SUBJECT**: TECHNOLOGY STUDIES

**GRADE**: 5 **TERM**:1 **YEAR**: 2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WEEK | TOPIC/CONTENT | GENERAL OUTCOMES | METHODS | T/L RESOURCES | REFERENCE |
| 1 | SAFETY  • Introduction to the work room. | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Human resource. * Tool box * Chart showing tools found in the tool box * First aid box | * Syllabus p.2 * Longman grade 5 pupils book p. 1 - 9 |
| 2 | SAFETY   * Storage of tools | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Human resource. * Tool box * Chart showing tools found in the tool box * First aid box | * Syllabus p.2 * Longman grade 5 pupils book p. 1 - 9 |
| 3 | SAFETY   * First Aid box * ASSESSMENT | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Human resource. * Tool box * Chart showing tools found in the tool box * First aid box | * Syllabus p.2 * Longman grade 5 pupils book p. 1 - 9 |
| 4 | TOOLS   * The work bench | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Actual marking and holding tools | * Syllabus p.2 - 3 * Longman grade 5 pupils book p. 10 - 16 |
| 5 | TOOLS   * Marking tools | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Actual marking and holding tools | * Syllabus p.2 - 3 * Longman grade 5 pupils book p. 10 - 16 |
| 6 | TOOLS   * Holding tools * ASSESSMENT | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Actual marking and holding tools | * Syllabus p.2 - 3 * Longman grade 5 pupils book p. 10 - 16 |
| 7 | MID - TERM TEST  MATERIAL   * Material preparation | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Test items and marking keys * Chart showing different types of building materials | * Syllabus p. 3   Longman grade 5 pupils book p. 17 - 30 |
| 8 | MATERIAL   * Joining materials | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Chart showing different types of building materials | * Syllabus p. 3   Longman grade 5 pupils book p. 17 - 30 |
| 9 | MATERIAL   * Building Materials * ASSESSMENT | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Chart showing different types of building materials | * Syllabus p. 3   Longman grade 5 pupils book p. 17 - 30 |
| 10 | ENTREPRENEURSHIP   * Costing andPricing. | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Money * Stock book * Cash book/ sales book | * Syllabus p. 6   Longman grade 5 pupils book p. 85 - 90 |
| 11 | ENTREPRENEURSHIP   * Record keeping * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Money * Stock book * Cash book/ sales book | * Syllabus p. 6   Longman grade 5 pupils book p. 85 - 90 |
| 12 - 13 | END OF TERM 1 TESTS | | |  |  |

**NB: FOR MIDTERM , TESTTWO SUBJECTS PER DAY AND TEACH THE OTHER SUBJECTS THAT APPEAR ON THE TIME TABLE THAT DAY.**

**MINSTRY OF GENERAL EDUCATION**

**SOUTHERN PROVINCE**

SCHEMES OF WORK

**SUBJECT**: TECHNOLOGY STUDIES

**GRADE**: 5 **TERM**: 2 **YEAR**: 2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WEEK | TOPIC/CONTENT | GENERAL OUTCOMES | METHODS | T/L RESOURCES | REFERENCE |
| 1 | |  | | --- | | WINDOW MANIPULATION |  * Manipulative navigation. | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the sharps of cursor. | Grade 5 Syllabus p. 3-4  Longman grade 5 pupils book p. 31 -38 |
| 2 | |  | | --- | | WINDOW MANIPULATION |  * Cursor shapes | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the sharps of cursor. | Grade 5 Syllabus p. 3-4  Longman grade 5 pupils book p. 31 -38 |
| 3 | |  | | --- | | WINDOW MANIPULATION |  * Manipulative navigation. * Cursor shapes * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the sharps of cursor. | Grade 5 Syllabus p. 3-4  Longman grade 5 pupils book p. 31 -38 |
| 4 | PROGRAMME RUNNING AND EXITING   * Locating a cursor | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the shapes of cursor. | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 39 - 43 |
| 5 | PROGRAMME RUNNING AND EXITING   * Locating a cursor | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the shapes of cursor. | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 39 - 43 |
| 6 | PROGRAMME RUNNING AND EXITING   * Locating a cursor * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Laptops * Desktop computer * Chart showing the shapes of cursor. | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 39 - 43 |
| 7 | MID – TERM TEST  GRAPHICS   * Graphic packages | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Test items and marking keys * Chart showing different patterns | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 59 - 66 |
| 8 | GRAPHICS   * Pattern creation * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Test items and marking keys * Chart showing different patterns | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 59 - 66 |
| 9 | DESIGNING   * Elements of designing | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 67 - 68 |
| 10 | DESIGNING   * Graphics * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 67 - 68 |
| 11 | SAVING   * Saving files * ASSESSMENT | * Develop competencies in the application of basic ICTs in everyday activities. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 69- 72 |
| 12 - 13 | END OF TERM 2 TESTS | | |  |  |

**NB: FOR MIDTERM , TESTTWO SUBJECTS PER DAY AND TEACH THE OTHER SUBJECTS THAT APPEAR ON THE TIME TABLE THAT DAY.**

**MINSTRY OF GENERAL EDUCATION**

**SOUTHERN PROVINCE**

SCHEMES OF WORK

**SUBJECT**: TECHNOLOGY STUDIES

**GRADE**: 5 **TERM**: 3 **YEAR**: 2018

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| WEEK | TOPIC/CONTENT | GENERAL OUTCOMES | METHODS | T/L RESOURCES | REFERENCE |
| 1 | LETTERING   * Printing | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer. * Stencils * Rulers * Printers | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 44 – 46 |
| 2 | LETTERING   * Printing * assessment | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | * Laptops * Desktop computer. * Stencils * Rulers * Printers | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 44 – 46 |
| 3 | DRAWING   * Construction of Angles | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | Mathematical set | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 47 - 58 |
| 4 | DRAWING   * Construction of Angles | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | Mathematical set | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 47 - 58 |
| 5 | DRAWING   * Construction of triangles | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | Mathematical set | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 47 - 58 |
| 6 | DRAWING   * Construction of rectangles and squares | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | Mathematical set | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 47 - 58 |
| 7 | MID – TERM TEST  DRAWING   * Construction of circles * Assessment | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Discussion Method  Demonstration Method  Team Teaching | Test items and marking keys  Mathematical set | Grade 5 Syllabus p. 4  Longman grade 5 pupils book p. 47 - 58 |
| 8 | |  | | --- | | DESIGN AND TECHNOLOGY   * Inventions in Technology | | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | * Different pictures showing invented items. | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 73 - 79 |
| 9 | |  | | --- | | DESIGN AND TECHNOLOGY   * Inventions in Technology | | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | Different pictures showing invented items. | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 73 - 79 |
| 10 | |  | | --- | | DESIGN AND TECHNOLOGY   * Inventions in Technology * Assessment | | * Develop competencies in the application of basic ICTs in everyday activities. * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Project Method  Discussion Method  Guest Speaker  Demonstration Method  Team Teaching | Different pictures showing invented items. | Grade 5 Syllabus p. 5  Longman grade 5 pupils book p. 73 - 79 |
| 11 | ENERGY   * Electricity * Assessment | * Acquire knowledge, positive attitudes and values in designing and making artifacts. | * Working in Pairs. * Group work   Individual Work  Field trip Method  Discussion Method  Guest Speaker  Team Teaching | Chart showing generation of hydroelectric power | Grade 5 Syllabus p. 6  Longman grade 5 pupils book p. 80 - 84 |
| 12 - 13 | END OF TERM 3 TESTS | | |  |  |

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