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| **COMPUTER FORM 2 SCHEMES OF WORK – TERM 1** |
| **APPLICATION PACKAGES (WORD PROCESSORS)** |
| **LESSON** | **TOPIC** | **SUB - TOPIC** | **OBJECTIVES** | **LEARNING/TEACHING ACTIVITIES** | **LEARNING/TEACHING RESOURCES** | **REFERENCES** |
|  | Reporting from home and settling for first term work |
| **1** |  | DEFINITION OF WORD PROCESSOR | By the end of the lesson, the learner should be able to* Define the term word processor
* Explain the purpose of a word processor
 | * Q/A discussion
 | * Newspapers
* Letters
* Cards
* books
 | * Longhorn Secondary. S.Mburu, G. Chemwa page 1-3
 |
| **2-3** |  | USING A WORD PROCESSING PACKAGE | By the end of the lesson, the learner should be able to* Start a Microsoft word
* Explain the Microsoft screen layout
 | * Q/A demonstration practical
 | * Handouts
* Books
* Working personal computer
 | * Longhorn Secondary. S.Mburu, G. Chemwa page 5-10
 |
| **1** |  | RUNNING THE PROGRAMME | By the end of the lesson, the learner should be able to* Save and retrieve
* Close and exit
 | * Q/A demonstration practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Secondary. S.Mburu, G. Chemwa page 13-17
 |
| **2-3** |  | EDITING AND FORMATTING A DOCUMENT | By the end of the lesson, the learner should be able to* Select a document
* Move, copy and delete
* Insert and type over
 | * Q/A demonstration practical
 | * Handouts
* Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 16-19
 |
| **1** |  | FIND AND REPLACE | By the end of the lesson, the leaner should be able to* Define the term find and replace
* Find and replace a documents
* Use thesaurus
 | * Q/A Demonstration practical
 | * Letters
* Card working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 16-24
 |
| **2-3** |  | TEXT FORMATTING | By the end of the lesson, the learner should be able to* Bold, italicize, underline, change fonts
 | * Q/A Demonstration practical
 | * Letters
* Cards
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 22-23
 |
| **1** |  | PARAGRAPH FORMATTING | By the end of the lesson, the learner should be able to* Drop cap, sub and superscript
* Align and indent text
 | * Q/A demonstration practical
 | * Handouts
* Cards
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 22-23
 |
| **2-3** |  | PARAGRAPH FORMATTING | By the end of the lesson, the learner should be able to* Space and section break
* Bullet and number
* Insert columns/page headers and footers
 | * Q/A demonstration practical
 | * Books
* Newspapers
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 22-23
 |
| **1** |  | SET-UP | By the end of the lesson, the learner should be able to* Set up margins
* Set paper size and orientation
 | * Q/A demonstration practical
 | * Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 33-35
 |
| **2-3** |  | SET-UP | By the end of the lesson, the learner should be able to* Define the term table
* Crate tables
* Insert rows and columns
* Merge/split rows
 | * Q/A Demonstration practical
 | * Handouts
* Working computer
* books
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 37-39
 |
| **1** |  | TABLE CONVERSION/ ARITHMETIC CALCULATIONS | By the end of the lesson, the learner should be able to* convert text to a table and vice verse
* import tables/perform calculations
 | * Q/A Demonstration practical
 | * Handouts
* Working computer
* Chalk board
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 40-41
 |
| **2-3** |  | MAIL MERGE | By the end of the lesson, the learner should be able to* Define the term mail merge
* Create: main document and data source
* Merge fields
 | * Q/A Demonstration practical
 | * Letters
* Card
* Working computer
* Chalk board
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 44-46
 |
| **1** |  | GRAPHICS | By the end of the lesson, the learner should be able to* Define the term graphic
* Insert/edit graphics
 | * Q/A Demonstration practical
 | * Clip art
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 44-49
 |
| **2-3** |  | PRINTING | By the end of the lesson, the learner should be able to* Define the term printing
* Set up the printer and print
 | * Q/A Demonstration practical
 | * Letters
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 44
 |
| **1** |  | SPREAD SHEETS (SPREADSHEETS) | By the end of the lesson, the learner should be able to* Define the term spreadsheets
* Explain the application areas of spreadsheet
 | * Q/A Discussion
 | * Call register
* Accounts book
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 52-53
 |
| **2-3** |  | CREATING A WORKSHEET | By the end of the lesson, the learner should be able to* Define the term worksheet
* Create a worksheet
* Save/retrieve a worksheet
 | * Q/A demonstration practical
 | * Handouts
* Class register
* Accounts book
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 57-65
 |
| **1** |  | CELL DATA TYPES | By the end of the lesson, the learner should be able to* Define the term cell data type
* Explain the different data types
 | * Q/A discussion
 | * Books
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 66
 |
| **2-3** |  | CELL REFERENCING | By the end of the lesson, the learner should be able to* Define the term cell referencing
* Explain the different cell referencing
* Apply cell referencing on a computer
 | * Q/A Demonstration practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 66-69
 |
| **1** |  | FUNCTIONS AND FORMULAE | By the end of the lesson, the learner should be able to* Differentiate between functions and formulae
* Apply functions and formulae on a document
 | * Q/A demonstration Practical
 | * Working computer
* Books
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 70-73
 |
| **2-3** |  | WORKSHEET FORMATTING | By the end of the lesson, the learner should be able to* Format a worksheet: text, numbers, rows, columns and global
 | * Q/A Demonstration practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 74-79
 |
| **1** |  | DATA MANAGEMENT | By the end of the lesson, the learner should be able to* Explain the terms, Sort, filter, total forms
* Apply the above features
 | * Q/A Demonstration practical
 | * Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 73-75
 |
| **2-3** |  | CHARTS/GRAPHICS | By the end of the lesson, the learner should be able to* Definite the terms chart
* Explain the different charts
* Insert charts
 | * Q/A Demonstration practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 77-79
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| **END TERM EXAMS/SCHOOLS CLOSE** |
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| **COMPUTER FORM 2 SCHEMES OF WORK – TERM 2** |
| **DATABASES** |
| **LESSON** | **TOPIC** | **SUB - TOPIC** | **OBJECTIVES** | **LEARNING/TEACHING ACTIVITIES** | **LEARNING/TEACHING RESOURCES** | **REFERENCES** |
|  | Reporting from home and settling for the second term work |
| **1** |  | DATABASE | By the end of the lesson, the learner should be able to* Define the database
* Explain the concept of D/base
 | * Q/A discussion
 | * Class list
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 93-94
 |
| **2-3** |  | DATABASE MODELS | By the end of the lesson, the learner should be able to* Define the term d/base model
* Explain the difference d/base models
* Discuss the features of a database
 | * Q/A demonstration practical
 | * Handouts
* Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 96-98
 |
| **1** |  | DATA ORGANIZATION | By the end of the lesson, the learner should be able to* Organize data in a database
* Start Ms Access
 | * Q/A demonstration practical
 | * Handouts
* Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 97-100
 |
| **2-3** |  | MS ACCESS SCREEN LAYOUT | By the end of the lesson, the learner should be able to* Explain the access screen layout
* Create a database
 | * Q/A Demonstration practical
 | * Letters
* Cards
* Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 100-104
 |
| **1** |  | EDITING A D/BASE | By the end of the lesson, the learner should be able to* Edict a data base
 | * Q/A Demonstration practical
 | * Letters
* Cart
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 108-109
 |
| **2-3** |  | QUERIES | By the end of the lesson, the learner should be able to* Define the term query
* Crate a query
 | * Q/A Demonstration Practical
 | * Letters
* Card
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 116-117
 |
| **1** |  | UPDATING A QUERY | By the end of the lesson, the learner should be able to* Update a query
* View a query
 | * Q/A Demonstration practical
 | * Handouts
* Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 120-122
 |
| **2-3** |  | FORM DESIGN | By the end of the lesson, the learner should be able to* Explain the form layout
* Create a form
 | * Q/A Demonstration practical
 | * Books
* Newspaper
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 110-113
 |
| **1** |  | FORMATTING FIELDS | By the end of the lesson, the learner should be able to* Display records in a form
* Format fields
 | * Q/A Demonstration practical
 | * Handouts
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 113
 |
| **2-3** |  | REPORTS LAYOUT | By the end of the lesson, the learner should be able to* Define a report
* Create a report
* Modify a report
 | Q/A Demonstration Practical | * Handouts
* Books
* Working Computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 125-129
 |
| **1** |  | REPORTS LAYOUT | By the end of the lesson, the learner should be able to* Sort and group data in a report
* Design labels
 | * Q/A Demonstration practical
 | * Forms
* Report
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 40-41
 |
| **2-3** |  | PRINTING | By the end of the lesson, the learner should be able to* Define the term printing
* Print: form and a report
 | * Q/A Demonstration Practical
 | * Forms
* Report
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 112
 |
| **DESKTOP PUBLISHING** |
| **1** |  | DESKTOP PUBLISHING | By the end of the lesson, the learner should be able to* Define DTP S/W
* State then purpose of DTPS/W
 | * Q/A Demonstration practical
 | * Clip art
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 132-134
 |
| **2-3** |  | DESIGNING A PUBLICATION | By the end of the lesson, the learner should be able to* Explain the DTP S/W
* Discuss the types of DTP publications
 | * Q/A Observation Practical
 | * Letters
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 133-134
 |
| **1** |  | DESIGNING A PUBLICATION | By the end of the lesson, the learner should be able to* Run the DTP program
* Explain the DTP screen layout
 | * Q/A discussion
 | * Cards, certificates, text, calendars, text books
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 134-136
 |
| **2-3** |  | DESIGNING A PUBLICATION | By the end of the lesson, the learner should be able to* Set up a publication
* Manipulate text and graphics
 | Q/A demonstration practical | * Cards, certificates, text calendars, textbooks
* Working Computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 139-143
 |
| **1** |  | TEXT | By the end of the lesson, the learner should be able to* Design page layout
* Use a ruler to measure
 | * Q/A discussion
 | * Calendars, textbooks
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 158
 |
| **2-3** |  | GRAPHICS | By the end of the lesson, the learner should be able to* Define the term graphics
* Change full stroke
* Reshape objects
 | * Q/A Demonstration practical
 | * Books
* Handouts
* Working Computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 150
 |
| **1** |  | GRAPHICS | By the end of the lesson, the learner should be able to* Copy an object
* Import and wrap text
 | * Q/A Demonstration Practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 161-162
 |
| **2&3** |  | GRAPHICS | By the end of the lesson, the learner should be able to* Group objects
* Lock objects
 | * Q/A Demonstration Practical
 | * Books
* Handouts
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 164-168
 |
| **1** |  | ROTATE/CROP | By the end of the lesson, the learner should be able to* Explain the terms, sort, filter, total, forms
* Apply the above features
 | * Q/A Demonstration practical
 | * Books
* Working computer
 | * Longhorn Computer studies Secondary. S.Mburu, G. Chemwa page 164
 |
| **THE SCHOOL CLOSES/END OF TERM EXAMS** |