## **EaD Comprehensive Lesson Plans**



or 0248043888

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**BASIC 8** 

**WEEKLY LESSON PLAN – WEEK 8** 

| Strand:                             | Productive Software                                                                                                                                                                                         | e S                                                                                                                                                                                                                                                                                                                                                                   | Sub-Stran | d: In              | troduction to Ele                                      | ectronic Spreadsheet.                    |  |  |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------------|--------------------------------------------------------|------------------------------------------|--|--|
| Content Standard:                   | B8.2.4.1. Demonstra                                                                                                                                                                                         | ate how to use the S                                                                                                                                                                                                                                                                                                                                                  | Spreadshe | et (using function | ons and complex                                        | formulas)                                |  |  |
| Indicator (s)                       | B8.2.4.1.1. Perform operations using functions and Built-in functions B8.2.4.1.2 Demonstrate how to create complex formulas  Performance Indicator: Learners can distinguish between functions and formula. |                                                                                                                                                                                                                                                                                                                                                                       |           |                    |                                                        | •                                        |  |  |
| Week Ending                         | 01-03-2024                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                       |           |                    |                                                        |                                          |  |  |
| Class                               | B.S.8                                                                                                                                                                                                       | Class Size:                                                                                                                                                                                                                                                                                                                                                           |           | Du                 | ıration:                                               |                                          |  |  |
| Subject                             | Computing                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                       |           |                    |                                                        |                                          |  |  |
| Reference                           | Computing Curriculum, Teachers Resource Pack, Learners Resource Pack, Textbook.                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                       |           |                    |                                                        |                                          |  |  |
| Teaching /<br>Learning<br>Resources | Computer, Smart Ph<br>Projector, Power Po                                                                                                                                                                   | Point Presentation. leaders                                                                                                                                                                                                                                                                                                                                           |           |                    | rsonal development and<br>dership<br>Iking and Problem |                                          |  |  |
| DAY/DATE                            | PHASE 1 :<br>STARTER                                                                                                                                                                                        | PHASE 2: MA                                                                                                                                                                                                                                                                                                                                                           | IN        |                    |                                                        | PHASE 3:<br>REFLECTION                   |  |  |
| MONDAY                              | Learners brainstorm to differentiate between formula and function.                                                                                                                                          | <ol> <li>Assist Learners to identify the built-in functions of the Spreadsheet Application.</li> <li>Learners in small groups practice using built-in functions to perform operations on sample data.</li> <li>Discuss the meanings of the spreadsheet functions.</li> </ol> Examples of Built-in Functions; <ul> <li>SUM</li> <li>AVERAGE</li> <li>COUNTA</li> </ul> |           |                    |                                                        | Learners brainstorm to use functions for |  |  |
|                                     |                                                                                                                                                                                                             | COUN' DATE MAX MIN COUN'                                                                                                                                                                                                                                                                                                                                              | Т         |                    |                                                        | functions of Excel.                      |  |  |

|          |                                                            | Database Function in Excel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                     |
|----------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| THURSDAY | Review Learners<br>knowledge on<br>the previous<br>lesson. | <ol> <li>Learners brainstorm to create examples of Spreadsheet Formulas.</li> <li>Demonstrate using Formulas for calculations in Excel.</li> <li>Assist learners to use Formulas for performing operations in excel.</li> <li>Formula is an expression that calculates values in a cell or in a range of cells.</li> <li>For example, =A2+A2+A3+A4 is a formula that adds up the values in cells A2 through A4.</li> <li>File Home Insert Page Layout Data Review View Formulas</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Through questions and answers, conclude the lesson. |
|          |                                                            | fx   Succession   Function   Fu |                                                     |

Name of Teacher: School: District: