**TECHNOLOGY STUDIES SCHEMES OF WORK GRADE SEVEN 2019**

**SUBJECT: TECHNOLOGY STUDIES GRADE: SEVEN TERM: ONE (1) YEAR: 2019 TEACHER: ……………………..…………**

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| **WEEK** | **TOPIC/CONTENT** | **TEACHING OBJECTIVES** | **TEACHING METHODS/AIDS** | **REFERENCE** |
| 1-2 | **DRAWING**  **Drawing of three – dimensional objects.**  **-isometric and orthographic programs** | Learners should.   * Convert simple solids from isometric to orthographic projection. * Draw elevations or a simple conventional house. | * Demonstration Teaching Aids charts * Pictures * Pencils * Paper | Technology studies pupils book 7 page 1 - 8 |
| 2 | **MATERIALS**  **Joining materials** | Learners should.   * Apply basic methods’ of joining materials. * Discuss materials used to join materials. | * Application * Discussion * Teaching aids * Screws | Technology studies pupils book 7 page 9 - 17 |
| 4 | **CALCULATIONS**  **Types of calculation** | * Identity different types of calculators. * Use the system calculator to perform elementary operations. | * Identification’ demonstration * Teaching/AIDS * Real objects * Calculator. | Technology studies pupils book 7 page 7 - 18 |
| 5 | **CALCULATORS**   * **how to use a calculator**   **ASSESSMENT** | * demonstrate how to use calculation * discuss function or calculator keys. * Assess the pupils on the work they have learnt | * Demonstration * Discussion * Teaching AIDS * Real objects * (calculators) | Technology studies pupils book 7 page 20 – 25 |
| 6-7 | **CALCULATORS**   * **Using the calculator on your computer.** | * Discuss how to access the calculator from the start menu. * Follow steps to add numbers of the computer. * Use a cell phone calculator. | * Discussion * Exposition * Teaching AIDs * Computer * Cell phone | Technology studies pupils book 7 page 26 – 33 |
| 8 | **ENERGY**   * **Electricity** * **Investigating circuits** | * Discuss the uses or electricity * Demonstrate the ability to use a simple circuit. | * Discussion * Demonstration * Teaching AIDs * Simple circuit * Insulate copper wire * Battery | Technology studies pupils book 7 page 36 - 39 |
| 9 - 10 | **ENERGY**   * **Electricity** * **Investigating circuits** | * Discuss circuits we use at home. * Demonstrate the ability to use a simple circuit. | * Discussion * Demonstration * Money clip * Battery insulated copper wire | Technology studies pupils book 7 page 40 - 41 |
| 11 | **ENERGY**   * **Bells** * **revision** | * List different types of bells found in the local area. | * Discussion * Real objects * Belt * Serene. |  |
| 12 - 13 | **End of term assessment** | * Write end of term tests on the work covered for the term. |  |  |