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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **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.
 |  |  |