**FEDERAL GOVERNMENT GIRLS’ COLLEGE UMUAHIA 2023/2024 FIRST TERM SS2 HOLIDAY PROJECT.**

**SS2 PHYSIC**

List three (3)phenomena which can be explain by molecular theory of matter. (2).distinguish between simple cubic crystal and centred cubic crystal.

**SS2 FOOD AND NUTRITION.**

Draw and label a digestive system.

**SS2 BOOK KEEPING**

1. List and explain five (5) book keeping concepts and conversation

**SS2 CRS**

1a--- Outline the Lujan account of the birth of Jesus.

b -- What two lessons can be learnt from the circumstances of Jesus' birth?

**SS2 TECHNICAL DRAWING**

1. Define the terms (i) Orthographic Projection (ii) Auxiliary Drawing

2. State two main types of Orthographic Projection

**SS2 GOVERNMENT**

 Outline five 5 executive powers exercise in the modern presidential system of government

**SS2 VISUAL ART**

Produce a good art work to be presented to the school principal

**SS2 DYING & BLEACHING**

1. Produce a fabric design using the following:

Size of the Matrail: 2 yards

Method’s: Tie- dye.

Colour: Not more Than 2 colours.

Packaging is very important.

**SS2 ECONOMICS**

1a.What is production possibility curve?

b.Draw a production possibility curve and indicate any

1. Point P; Where resources are fully utilized

2. Point U; where resources are underutilized

3. Point X ; Where production is not feasible

C. Explain any factors that can make production at point X feasible

d. Why is the PPC negatively sloped?

**SS2 AGRICULTURE SCIENCE**

Draw Nitrogen cycle, Cabon cycle, Water cycle.

**SS2 FISHERY**

Draw and label earthen and concrete pond.

Give the characteristics of tilapia species..

**SS2 MATHEMATICS**

1. A sphere of radius 2cm is of mass 11.2g. find
2. The volume of the sphere.
3. The density of the sphere.
4. The mass of a sphere of the same material but with radius 3cm(take π=3.142)

**SS2 COMPUTER**

1. **Write short note on the topic “CPU”, indicate the “Definition, components, diagram and types of CPU in computer and mobile phones”**

**SS2 FURTHER MATHEMATICS**

1a.Find the quotient and remainder when$2x^{4}-9x^{3}-21x^{2}+88x+48$ is divided by $x-2$

b. $Given that p(x)= x^{5}+5x^{4}+9x^{3}+11x^{2}+12x+13$. find$3p(2)$

**SS2 DATA PROCESSING**

1. **Explain the following:**
2. **Database**
3. **Database Model**
4. **Data Modelling**
5. **List and explain types of Data Model**