# PENN CHRISTIAN ACADEMY
## 2ND TERM PROJECT WORK
## S.S.1

**CRS**

1. Narrate Deborah the judge
2. Narrate Gideon the judge

**AGRICULTURAL SCIENCE**

1. Explain the sources of farm power.
2. Differentiate between grasses and legumes.

**GEOGRAPHY**

**1.** List and explain 2 advantages of Nigeria location.
**2.** Differentiate between absolute location and relative location of Nigeria.

**GOVERNMENT**

**1.** Explain 4 ways of acquiring citizenship.
**2.** Explain 2 methods used to control delegated legislation.

**PHYSICS**

1a. Distinguish between scalar fields and vector fields. Give 2 examples each.
1b. Name 4 properties of electric lines of force. Why do such lines not intersect?
2a. What do you understand by Brownian motion? What is its significance in the theory of matter? And why is it only exhibited by small particles?
2b. (I) what are solar collectors?
(II) What are the functions of the various components of a solar collector?

**CHEMISTRY**

1a. What are allotropes?
1b. Name two crystalline allotropes of carbon.
1c. Give one industrial use of each allotrope named in 1b.
2a. What is crude oil? Where does it occur? Also describe the refining of crude oil.
2b. Who discovered carbon(IV)oxide?
2c. How can you prepare carbon(IV)oxide in a laboratory?

**ENGLISH LANGUAGE**

1. What is Language and why is it important in communication?
2. Write a descriptive essay about your school.

**LITERATURE**

1. Define Literature and explain its three genres.
2. Write a short story on the topic: "One Day I Will Never Forget".

**CIVIC EDUCATION**

1. Observe a busy public place (e.g Bank, bus stop, school cafeteria) for one hour. Document examples of orderliness and disorderliness, then submit a report on how to improve orderliness.
2. Produce a poster or write a short essay, outlining the Universal Declaration of Human Rights (UDHR) and how to promote them in school.

**ECONOMICS**

1. What is Agriculture?
2. State two associated with commercial farming and subsistence farming?
3. Define co-operative?

**COMMERCE**

1. Define Sole Proprietorship?
2. Define Partnership?
3. Define Money?

**MARKETING**

1. Define the following:
a. Marketing
b. Planning
c. Processing
d. Researching
2. List 5 element in marketing planning?
3. What is Promotion?

**BIOLOGY**

1. What are micro-organisms?
2. State two ways biology is useful in agriculture.
3. Draw and label the structure of a germinating seed

**MATHEMATICS**

1. The sum of the interior angle of a regular polygon is $1800^0$. How many sides has the polygon?
2. The interior angle of a heptagon are $X^0$, $(2x - 15)^0$, $(x + 10)^0$, $(3x+5)^0$, $(2x - 34)^0$, $(x+5)^0$, and $(2x+5)^0$. Find the value of X.