

**ST CHARLES COLLEGE ONITSHA**  
**2021/2022 SECOND TERM PROJECT PROPOSAL SS 2**

S/N	SUBJECT	PROJECT PROPOSAL
1	Biology	Make an album of ten pests and food/crops devoured.
2	Technical Drawing	Use carton sheet to construct the intersection of two cylindrical pipes of unequal diameter joined at right angles. Height of cylinder A 6cm diameter of cylinder A $\varnothing$ 4cm length of cylinder B 2cm diameter of cylinder B $\varnothing$ 3cm
3	Literature –in – English	Topic: The major incidents and their significance <i>The wuthering Heights</i> , by Emily Bronte Instructions: (1) Make and design an album (2) Read the text, identify five (5) major incidents in the text and discuss their significance (3) Use pencil marks to draw five imaginative actions for each of the major incidents identified above.
4	Government	Choose anyone. Draw the map of West Africa or Draw the map of Africa
5	Agric Science	In an album form, do these: (i) State the various classes of livestock feeds and give three examples of each. (ii) Describe any five characteristics of each class of livestock feed named.
6	CRS	Draw the picture of Jesus as the “Good Shepherd” on a cardboard sheet, also write out four qualities of a Good Shepherd below the diagram.
7	Economics	Explain the trend and structure of national income. Using cardboard sheet make list of trend and structure of Nigeria national income.
8	Chemistry	Using any local materials available, construct a model of model of hydrocarbon. (Methane/ethene/ethyne)
9	Mathematics	Trigonometry (1) and (2) In an album form prove sine and cosine rule using cardboard paper. Give two examples of each after the prove. NOTE it is in New General Maths SS 2
10	Physics	Week 3 topic: reflection of light by plane mirror. Week 6 topic: Human eye and camera. Construct a periscope using two (2) mirrors and carton OR Design an album of a well labelled human eye and camera with wool. Stating any two differences and two similarities between human eye and camera.
11	Financial Accounting	Financial System Use a cardboard sheet to show or make a diagram of the components of the financial system. NB: Define financial system
12	Data Processing	A. In a cardboard sheet, draw and label an environment of Corel draw application. B. State four features of graphics package C. Four components of a good web design.
13	English Language	Make an album of five leaves N.B. There are types of sentences according to function and types of sentences according to structure/form. On each page, make five sentences and indicate the type on top.
14	Igbo Language	Ruo ya n’udi album (i) kowaa ihe bu ubiam (2) Deputa ihe ise na ebute ubiam na aguu (3) Deputa uzo ise a ga-agbas ka a hu na ekpochapuru ubiam na aguu n’ala anyi.
15	Civic Education	In an album form define and list seven (7) core fundamental Human Rights.
16	Further Mathematics	Design a colourful flip chart showing formula of each of the below on a page: (i)work (ii)power (iii)energy (iv)impulse (v)momentum (vi) time of flight (vii) range of projection (viii)greatest height reached (B) a particle is projected vertically upward from the ground with speed 30m-s <sub>-1</sub> . calculate the (i)maximum height (ii)time taken by the particle to reach the ground. (Take $g = 10\text{ms}^{-2}$ )
17	Visual Art	Browse and print out Cameroon Art, Dogon art, Egyptian art and paste them on an album.
18	Geography	On a flat rectangular board, construct an urban settlement that includes human and physical features. Using cardboards and other materials from the environment.
19	Commerce	Use a cardboard sheet in a tabular form show how to calculate gross profit and net profit.
20	Fishery	Use cardboard sheet in album form and draw any four culturing facilities and state three advantages or more for each of them.

**ST CHARLES COLLEGE ONITSHA**  
**2021/2022 SECOND TERM PROJECT PROPOSAL SS 1**

S/N	SUBJECT	PROJECT PROPOSAL																
1	Biology	MEASURING INSTRUMENTS SS 1A – Thermometer SS 1C – wind vane SS 1E – Sweep net SS 1B – Secchi disc SS 1D – quadrat SS 1P - Pooter																
2	Technical Drawing	Use carton sheet to construct spanner with one head. (Length of spanner 20cm)																
3	Literature –in – English	In an album, mention the dramatic techniques employed by the author in the play, let me die alone by John Klisa KArgb and explain two with at least two adequate illustrations from the play.																
4	Government	Draw the map of Nigeria showing the thirty – six states of Nigeria																
5	Argic Science	In an album form, answer the following questions. 1. Define farm power 2. List and explain five sources of farm power 3. What is forage crops 4. Mention and explain two types of pasture 5. State five uses of forage crops.																
6	CRS	Topic: The resurrection of Jesus Christ. In an album cut and paste letter by letter the seven words of Jesus Christ on the cross.																
7	Economics	In an album form using a cardboard sheet list and explain the basic instruments for business financing e.g. Shares.																
8	Chemistry	In an album form, draw or provide samples of crystalline carbon (Diamond and graphite) and amorphous forms of carbon (wood charcoal, sugar charcoal, lampblack etc.)																
9	Mathematics	In cardboard sheet, construct table for special angles. $30^\circ$ , $45^\circ$ and $60^\circ$																
10	Physics	Week 3 Topic: Crystal structure Design in an album form, the three (3) types of cubic crystal with wool and carton.																
11	Financial Accounting	Control Account Use a cardboard paper and present the format of the types of control account i.e., (i) Sales ledger control account (ii) Purchases ledger control account.																
12	Data Processing	By the use of wire construct a circuit for ICT connection.																
13	English Language	In an album form, define a sentence, state four types of sentences you know and give two examples of each. Then draw out pone of the sentences.																
14	Igbo Language	Ruo out oruaka eji mara ndi Igbo.																
15	Civic Education	In a cardboard sheet and in an album form, draw the following i. Nigeria Constitution ii. Coat of arms iii Ballot box iv. The male v. The traffic light OR (i)beautifully sketch the Nigerian coat of arm and give a detailed meaning. (ii) Mention ten states and give their slogan.																
16	Further Mathematics	Design a colourful flip chart showing formula of each of the below on a page i. Mean ii. Median iii. Mean Deviation iv Variance v Standard deviation Range vii interquartile range (viii)semi-interquartile range b. The table below shows marks of students in a test <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Marks</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>Frequency</td> <td>5</td> <td>7</td> <td>9</td> <td>6</td> <td>3</td> <td>6</td> <td>4</td> </tr> </table> Find the: (i)Mean (ii)Mode (iii)Median	Marks	2	3	4	5	6	7	8	Frequency	5	7	9	6	3	6	4
Marks	2	3	4	5	6	7	8											
Frequency	5	7	9	6	3	6	4											
17	Visual Art	Make a relief printing with a linoleum or flat rubber sheet for making your own design and print. You will pass your work with the linoleum. Measurement – 50cm by 30cm																
18	Geography	On a cardboard sheet draw the map of Nigeria, showing population distribution, indicating the areas of high, moderate and low population density with marker.																
19	Commerce	Using cardboard sheet, draw and explain the various means of payment e.g. Cheque, Standing order, Bank draft, stamps etc.																
20	Fishery	Use cardboard sheet well framed to draw and label fully parts of a concrete pond. State the advantages of concrete pond.																
21	Dying and Bleaching	(1) Make a design that will be suitable for a cleaning cloth using a white cardboard sheet measuring 50cmx 50cm. (2) Get these materials for tie and dye practical in the school. 6 yards of Calico materials, dyes of the colour of your choice and chemicals																