



B.P.S. PUBLIC SCHOOL

SENIOR SECONDARY SCHOOL
MELA ROAD , LAKHIMPUR – KHERI
AFFILIATED TO CBSE NEW DELHI +2 LEVEL



SUMMER HOLIDAY ASSIGNMENT
ON ART EDUCATION
TOPIC - 'ONE EARTH , ONE FAMILY , ONE FUTURE'
"GOND ART "

- ❖ All the art work must be hand - made by the students ; Avoid pasting of stickers, colored tapes etc.
- ❖ Draw the figures using Gond Art form
- ❖ Do this Assignment in Scrap book.
- ❖ Work must be Neat and Clean in a below sequence.
- ❖ This assignment contains 40 marks; will be awarded under the category of multiple assessment(NEP2020)
- ❖ Paste a world map , colour it neatly and show all the countries participating in G – 20

CLASS - X

Topic	Subject integrated	Assignment
LETTER WRITING	ENGLISH	<p>The plant Jatropha is discussing that Hermione is upset about the environmental problems caused by human activities so he prompted his friend Mollie that some of my seeds and transport them to the Hermione so that she can do plantation and earn some money.</p> <p>Mollie said- It's an amazing way to help Hermione.</p> <p>Question :write a letter to the prime minister for the plantation of jatropha in excess amount in India as biofils are an important component for controlling pollution</p>
पत्र लेखन	HINDI	<p>एक व्यक्ति जिसका नाम हारमोनी है वह अपने मत्र मौली से बातें कर रहा है क पेट्रोल इतना महंगा होने पर भी वाहनों की संख्या बढ़ती जा रही है ,तथा वाहनों से निकलने वाले धुएं से वातावरण प्रदूषण भी बढ़ता जा रहा है ।इसके लए हमें जेट्रोफा के पास चलकर उससे बात करनी चाहिए, क वह मैंहें पेट्रोल और प्रदूषण से बचने के लए या उस पर नियंत्रण रखने के लए अपना सहयोग दें ।</p> <p>आप हारमोनी हैं ,और आप अपने मत्र मौली को जेट्रोफा के फायदे बताते हुए एक पत्र ल खए ।</p>
ARITHMETIC PROGRESSION	MATHS	<p>Mollie – Hello harmonie how are you Hormonie-I am good but ,I am tilltle bit confused . Mollie – confusion about what Hormonie- we want to grow Ayurvedic plant in near by house that helps our future generations Mollie- Good then what is problem,it is absolutely good idea . Hormonie-thank you we have a area 1500m×600m we want to planted plant in it .</p> <p>1.If each plant planted in 3m distance from each other .How many Ayurvedic plant can be grown in that area(1500m×600m).</p> <p>2 if plant follow that condition $T_n=4n^2+6n+3$ calculate the number of plant $n=3,n=5,n=10$</p> <p>3 if the 1st Ayurvedic plant planted at distance 7m and last plant planted at distance 1806m .How many Ayurvedic plant planted in it</p> <p>4 If Number of plant 150 and First plant at distance 4m the separation between the plant is 6m find the total number of plant in that area .</p> <p>5 Can you use this formula in calculation of sum of Ayurvedic</p>

		plant If yes please explain it with suitable numeric example .
FOOD ADULTERANTS	CHEMISTRY	Mollie : Mollie get Sickby eating ready made food. Hormonie : Try to analyse causes of sickness. Dear students can you help to find out food adulterence in the given food materials consumed by Mollie on that day.(The materials are butter,oil,cheese,chili powder,turmeric and tea)
ENVIRONMENT	BIOLOGY	Hormonie – Hello Mollie , a large number of people are using Fossil Fuel , no one understand that Fossil Fuel will end . Mollie – Hello , why are you sating like this , how will fossil fuel end Hormonie – You don’t know , it takes thousand of years to become possible to get fossil fuels. If we use it in large amount so fast , then we will have to wait for it for around thousand years. Mollie – This is a big problem what should we do ? Hormonie – Jatropa can do something because he is a bio fuel. Let’s talk to him . Hormonie – Hello Jatropa , Fossil fuel is running out and it takes thousand of years to make . You are Biofuel so, do some help. Jatropa – People don’t know about me , Inform people about me and say , grow me as much as possible . Mollie- How will the problem of fossil fuel be solved by growing more amount of you? Jatropa – Let me explain you , how I can solve this problem . •So , students do you know what Jatropa would have explained to solve this fossil fuel problem ? Write your views on it
REFLECTION	PHYSICS	Harmonie has a large building of her Grand Parents .She wants to grow Ayurvedic plants inside it . But there is not sufficient light inside. The parameters of building are – Height : 15 feet Length : 100 feet Breadth : 50 feet Dear students design optical apparatus .So that you can illuminate whole area inside the building . Note : 1. There are two window in south wall of dimension 3x4x5 feet.at the height 5 feet from the ground. 2. Mention focal length size of lenses etc. In your apparatus. 3. Draw neat and clean ray diagram of apparatus.
TOURISM	SOCIAL SCIENCE	Mollie, Jatropa and Hormonie are planning a tour in summer vacations but they are confused and unable to decide the place. So please help them as a travel Guide. Collect information about the given states- Arunachal Pradesh (Roll no. 1 to 9) Rajasthan. (Roll no. 10 to 18) Himachal Pradesh. (Roll no 19 to 27) Kerala. (Roll no.28 to 37) Bengal. (Roll no 38 to 47) Explore the following – 1.How to reach – From your place By Rail, By Road and by air 2. Capital of the state, Chief Minister (Government) 3. Climate, flora & fauna ,Population and main crops, 4. Life style, occupation, language, culture, religion, dance ,Art and food(Picture) 5 About Famous tourist places (pictures) 6 On an outline map of India show the following- A-State B-Capital C-Famous tourist place D-Rail Route and route by road