




Datta Meghe World Academy


Holiday Homework- Grade VI to X

Grade VI Theme : NATURE	
Subject:	Details
English:	Expand your views on the topic, Nature - 'The Best Teacher'
Maths:	Students should use tinted / scrape or any suitable coloured card paper and draw the diagram of our earth. They need to show the percentage of land and percentage of water bodies that are oceans ,as explained in the class.The percentage of the constituents of Air to be written on one side of the diagram drawn.Down on the page write the radius of earth in km.
Science:	autobiography of an earth.
Hindi	' प्रकृति हमारा मित्र ' पर चित्र बनाते हुए अन्च्छेद लिखिए ।
Marathi -निबंध :	'माझा आवडता ऋतू ' या विषयावर निबंध लिहा.
Social Science:	Draw or Stick the pictures of Natural things and Write , How they are useful for mankind.
Sanskrit `: वर्ण विच्छेदं कुरुत I	Disjoin the words (वर्ण विच्छेदं) related to nature and Stick a picture for the same. Eg- वृक्षः = व् + ऋ + क् + ष + अः 

Grade VII Theme : Importance of nutrition

Subject	Details
English	Write a recipe for a healthy dish. Specify the number or quantity of ingredients required for making the dish. Then, underline the countable nouns and circle the uncountable nouns mentioned in the recipe.
Maths	<p>Students need to write the definition of BMI (Body Mass Index). Find and write the formula to calculate BMI. They shall make a chart on tinted/scrap or any suitably coloured card paper indicating the range of BMI for Underweight, Normal and Overweight. In accordance with this, they will make four columns that contain height in cm and against it BMI range/score indicating for Underweight, Normal and Overweight. Eg.if Height is 165cm and weight is 45 kg then BMI score is 16.5 that is underweight. Underweight (BMI range 16.5-18.5), Normal (BMI range 18.5-25) and Overweight (BMI range 25-40). You will make columns starting from height 140 cm to 170 cm and against it indicate underweight in kg, normal weight in kg and overweight in kg ranges.</p> <p>Students will calculate the BMI of their family members. (Note: BMI of students may show underweight or obese, shouldnot be taken in a deterministic sense as they are still growing).</p> <p>Students will make a scale in cm using card paper strips from 140 cm onwards to 170 cm that will be stuck on the wall to measure the height of the students.</p>
EVS/ Science	<p>Importance of nutrition: Plan a balanced diet considering the calorie requirement from the given list of common food for breakfast, lunch, dinner and snacks.</p> <p>Material required : Energy sheet for common food items, energy requirement per day table(for male and female), note-book pen, rough sheet for calculation.</p>
Hindi	Make a flow chart of different types of vitamins and the food needed for the intake of the vitamins. Also mention the diseases caused due to lack of a particular vitamin.
Marathi	संतलित आहाराचे महत्व- यावर निबंध लिहा
Social Science	<ol style="list-style-type: none">1. List one major nutrition product that is produced in different states of India and mark it in India's political map.2. On a project paper write down the names of nutrition products and states where it is produced.
Sanskrit	Write Sanskrit names of Vitamins (जीवनसत्त्वानि) and Proteins (प्रथिनानि) required for proper growth of the body.

Grade VIII Theme : IRRIGATION

Subjects	Details
English	<ul style="list-style-type: none">● Collect the articles/News headlines from the English newspaper only.● Keep the topics in mind i.e., current situation of farmers, irrigation related issues, crop failure in India etc.● After collecting the data students will prepare a collage (use half chart paper) and decorate it nicely using the varieties of news and facts/figures.
Maths	<ul style="list-style-type: none">● Use of Mathematics in Agriculture, irrigation of different crops requirements. Prepare a bar graph and pie chart of water required by any 5 different crops in Maharashtra in 2021-22.
Science	<ul style="list-style-type: none">● To prepare working model of Drip/Sprinkler Irrigation-● Following is the link for reference-● https://youtu.be/kyWjDAGyeDw● https://youtu.be/KCLbBOBMeEw
Social Science	<ul style="list-style-type: none">● Irrigation project-1. List 15 major dams in different states of India and mark it in the India's  political map. Following is the link to know more about the dams. https://www.mapsofindia.com/maps/dams/2. On a project paper write down the names of the dam and state where it is located.
Hindi	<ul style="list-style-type: none">● On a chart paper -● Name the crops grown in the summer, winter and rainy season of your state.● Stick the picture of that crops along with its name● Drawing can also be made of the seasonal crops. <p style="text-align: center;">Note :- Crops should be of your state only and the entire project should be in Hindi language</p>
Marathi	<ul style="list-style-type: none">● निबंध - शेतकऱ्याचे आत्मकथन
Sanskrit	<ul style="list-style-type: none">● Make a chart of 10 to 15 things related to farming and irrigation with Sanskrit names.

Grade IX Theme : Money

Subject:	Details
English: Essay Writing	Write an essay on Can Money buy happiness?
Maths: Draw a pie-chart	Draw a pie-chart of your monthly Expenses.
Science: Investigatory project (Literature Method)	Sponsorship in the field of research and science by the Indian Government and private bodies.
Hindi : पत्र लेखन (अनौपचारिक पत्र)	जीवन में धन के बचत का महत्व बताते हुए मित्र को पत्र लिखिए
Marathi : निबंध लिहा	जर पैसा नसता तर या विषयावर कल्पनात्मक निबंध लिहा .
Social Science: (Eco)Draw a chart .	(Eco) Draw a chart of currencies of different countries with their respective symbols.
Sanskrit :	Make a chart of coins and Rupees till 1000 along with pictures and sanskrit names. Eg - 10 - दश रुप्यकाणि

Grade X Theme : Conservation Of Energy	
Subject	Details
English : Design a poster on Conservation of Energy. (Remember to add a slogan)	Design a poster.
Maths:1) draw the histogram of last 6 month of your electricity units consumed at your house. 2) frame a linear equation in two variable for total bill.	Histogram, Frame a linear equation
Science :Biology: *Make a chart on the topic " Energy and Human life" (on the chart paper). Chemistry: *Investigatory project (by research method)* Classification of natural and synthetic home material as acid and base with the help of Natural & Olfactory indicators. Physics:Light as source of energy and different natural phenomenon based on it.	Chartmaking,Investigatory project
Hindi :- (Conservation of Light energy)- प्रकाश ऊर्जा का संरक्षण	(Conservation of Light energy)- प्रकाश ऊर्जा का संरक्षण करने हेतु चार्ट पेपर पर चित्र बनाइए एवं संरक्षण हेतु नियमों को लिखिए। जैसे- जरूरत न होने पर बिजली का बटन बंद कर दीजिए। (चित्र सहित)
Marathi:औपचारिकपत्र - आपल्या क्षेत्रातील वाढलेल्या अनियमित वीज भारनियमन सकंटाबद्दल वीज अधिकऱ्याला पत्र लिहा.	औपचारिकपत्र
Social Science :PPT on conservation of energy in various states of India.	Power point presentation
Sanskrit:Write slogan in Sanskrit on conservation of light.	Slogan writing.