

DELHI PUBLIC SCHOOL, GANDHINAGAR

HOLIDAY ASSIGNMENT

ACADEMIC SESSION 2018-19

CLASS - VI

SUBJECT	ASSIGNMENT
ENGLISH	<p>1. Circle the Subject and underline the Predicate in any ten sentences selected from a newspaper.</p> <p>2. Write three sentences each for:- Declarative, Exclamatory, Imperative & Interrogative Sentences. (To be done in Language notebook)</p>
HINDI	<p>अनुच्छेद लेखन 100 से 125 शब्दों में लिखिए 1 मेरा प्रिय त्यौहार 2 . मेरी गर्मी की छुट्टियाँ छात्र अनुच्छेद हिंदी व्याकरण की नोटबुक में लिखेंगे </p>
SANSKRIT	<p>Pictorial chart of 20 Household things with its Sanskrit meanings to be made in half chart paper. <i>Refer online Dictionary- spokensanskrit.org</i></p>
FRENCH	<p>Conjugate the following 1st group "er" verbs: 1) visiter 2) aimer 3) inviter 4) regarder 5) etudier 6) donner 7) habiter 8) écouter</p>
MATHS	<p>ZERO is a strange number. It is neither a prime number nor a composite number. Neither a positive number nor a negative number. Its position changes the value of the number. It plays a very significant role in Mathematics. Have you ever thought who invented Zero? Find out the mathematician who invented zero and write a paragraph about his contribution towards Mathematics.</p> <p>Note: - Home work to be done on not more than two A4 size papers.</p>
SCIENCE	<p>Q1. Select any three packed food items from the market and list their nutritional values in terms of fat, carbohydrates, protein content and fibre.</p> <p>Q2. Name two ingredients in our food that are not obtained from plants or animals. Mention one source for each ingredient.</p> <p>Q3. Aphelia avoids eating vegetables but likes to eat biscuits, noodles & white bread. She frequently complains of stomach ache. What are the food items she should include in her diet to get rid of the problem give reason for your answer?</p>
SOCIAL SCIENCE	<p>TOPIC: FOREST</p> <p>1. Give five ways in which forests are useful to us.</p> <p>2. Suggest any five ways to conserve forests.</p> <p>3. Make a poster on 'Save Forest' with a slogan.</p> <p>Note: To be done in Social Science note book.</p>

COMPUTER	<p>Write a brief note on keyboard (including different types of keys along with its usage and picture.)</p> <p>* Pictures Required: 6 (Whole keyboard, Alphabetic keys, Number Keys, Function Keys, Special Keys, Arrow Keys)</p> <p>To be done in Notebook.</p>
GUJARATI	<p>કોઈ પણ દશ ગુજરાતી શબ્દોનો વર્ણવિચ્છેદ કરો.</p>

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CLASS - VII

SUBJECT	ASSIGNMENT
ENGLISH	<p>1. Write a paragraph in about 120-150 words on the topic -'An Ideal Student'. 2. With reference to the story-'Three Questions', imagine yourself as the king and write briefly the incident of your meeting the hermit in about 120-150 words. Begin with: 'The wise men answered my questions, but I was not satisfied.....!' (To be done in Language notebook)</p>
HINDI	<p>अनुच्छेद लेखन कीजिए (शब्द सीमा 100 से 125 शब्द) 1. जीवन में खेलों का महत्त्व 2. समय का सदुपयोग छात्र अनुच्छेद हिंदी व्याकरण की नोटबुक में लिखेंगे </p>
SANSKRIT	<p>Write 10 sentences on any National Leader using Past Tense based on Chapter-2. Assignment to be done in A4 size chart paper. Pictures of National Leader can be used.</p>
FRENCH	<p>Draw the geographical map of France and locate the famous mountain ranges, rivers and important cities on it.</p>
MATHS	<ul style="list-style-type: none">• Write a paragraph on the origin of 'INTEGERS'? Do you find the use of integers in your daily life? Write one such incidence of your life where you used negative numbers.• Record the maximum temperature for any five consecutive days and find the difference between the temperatures of consecutive days. <p>Note: - Home work to be done on not more than two A4 size papers.</p>
SCIENCE	<p>Nutrition is essential for our healthy body but everyone needs a different amount of different components of food in daily diet. Compare and contrast the nutritional requirement of people involved in labour work, office work and students of age group (12 to 15 years) in a tabular form. To be done in the notebook.</p>
SOCIAL SCIENCE	<ul style="list-style-type: none">• Take interview of any 5 people of different families and fill the details given below:<ol style="list-style-type: none">1. Name2. Area they belong to3. Water usage per person daily4. Steps taken to save water <p>Note: Write the information in Social Science notebook.</p>
COMPUTER	<p>Write a brief note about any 5 high level languages in notebook. (like: Language name, Developer Name with picture, History, Requirement)</p>

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CLASS - VIII

SUBJECT	ASSIGNMENT
ENGLISH	<p>1. Write a diary entry sharing your experience about the places you visited in summer vacation.</p> <p>2. Read any one story of Rudyard Kipling and write its synopsis in your own words in about 120-150 words. (To be done in Language notebook.)</p>
HINDI	<p>अनुच्छेद लेखन कीजिए (शब्द सीमा 100 से 125 शब्द) 1.आदर्श नागरिक के कर्तव्य 2.यदि मैं प्रधानमंत्री होता छात्र अनुच्छेद हिंदी व्याकरण की नोटबुक में लिखेंगे </p>
SANSKRIT	<p>Write 10 sentences on प्रवासवर्णनम् using क्तवतु प्रत्यय. Assignment to be done in A4 size chart paper. Pictures can be used.</p>
FRENCH	<p>Draw the map of France and paste small pictures of its famous perfumes, cheese, cars, monuments and wines. (Based on lesson -0)</p>
MATHS	<p>Q. Mathematics consists of proving the most obvious thing in the least obvious way. — <i>George Polya</i>. We all agree to this. Don't we? As a student of class VIII, write any five points to describe the significance of Mathematics in your life.</p> <p>Q. How did rational numbers come into existence? Explain. Also, list the practical usage of rational numbers in our daily life.</p> <p>Note: - Home work to be done on not more than two A4 size papers.</p>
SCIENCE	<p>Following are the common diseases that occur during summer: Heat stroke, Prickly heat, Ring worm, Jaundice and Typhoid. Collect information about each one of them as per the instructions given below: (a) Symptoms (b) Causes (c) Prevention (d) Cure (Home remedies, medical Aid)</p>
SOCIAL SCIENCE	<p>Name any 5 types of Soil Collect sample of any one soil and write the following information related to it.</p> <ol style="list-style-type: none"> 1. Areas where it is found 2. Properties and colour 3. Crops produced 4. Mark the areas in the political map of India <p>Note: Write the information in Social Science notebook along with the map and submit the sample.</p>
COMPUTER	<ol style="list-style-type: none"> 1. Find out the names of two companies that manufacture Switches or Modems. 2. Write three features of any two popular antivirus softwares and paste one picture of each. (To be done in notebook).

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CLASS - IX

SUBJECT	ASSIGNMENT
ENGLISH	<ol style="list-style-type: none"> Selecting a topic from the newspaper, write an Article on any one of the Social Issues prevailing in the Society/Community (150-200 words). Justify the statement -'Three Men in a boat is a humorous novel.'(200-250 words). (To be done in Language notebook)
HINDI	<p>अनुच्छेद लेखन कीजिए (शब्द सीमा 100 से 125 शब्द) 1.जल ही जीवन है २.वर्तमान की ज्वलंत समस्या : प्रदूषण । छात्र अनुच्छेद हिंदी व्याकरण की नोटबुक में लिखेंगे ।</p>
SANSKRIT	<p>चित्रकथा-निर्माणम् Students to make a short comic story in Sanskrit. (With picture) Story to be done in A4 size chart paper or half chart paper.</p>
MATHS	<p>Story of Pi Following points to be included:</p> <ol style="list-style-type: none"> History of pi <ol style="list-style-type: none"> Invention of pi. Meaning of pi When is pi day celebrated? Indian contribution towards pi. Importance of pi in various fields of mathematics as well as science. Any two methods known to calculate the value of pi. Why pi is irrational number? <p>Note: - Home work to be done on not more than two A4 size papers</p>
SCIENCE	<p>Q1. List down at least five day to day life activities which depict the following motions: (i) Circular motion (ii) Oscillatory motion (iii) Rectilinear motion (iv) Curvilinear motion Note: Paste pictures of the same in your note book. Q2. Give two examples of substances from daily life which depicts the following properties of matter: (i) Matter is made up of tiny particles. (ii) Particles of matter are in constant motion. (iii) Particles of matter have space between them.</p>
SOCIAL SCIENCE	<p>Topic: Disaster Management - Flood 1. Causes of flood 2. Destruction caused by flood 3. Rescue and Rehabilitation work 4. Role of government functionaries in disaster management Note: Write it in Social Science note book. It should not exceed 2 pages.</p>
COMPUTER	<p>Write five features of any two Word Processing Software in your notebook. Also write two points of difference between them. Paste one picture of each Word Processing Software.</p>

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CLASS - X

SUBJECT	ASSIGNMENT
ENGLISH	<ol style="list-style-type: none"> As Secretary , Mountaineering Club "The Summit", you need to order mountaineering equipments in bulk for the upcoming Summer Camp. Write a letter to the manager of Decathlon Store, Agra, placing an order for the mountaineering equipments to be supplied immediately (100-120 words). Write a Book Review in about 250 words on 'The Diary of a Young Girl'. (The Book Review should include:- Setting & Theme - the time period and location, its influence on the plot, Genre, Plot :-brief summary without giving the details of the events, Evaluation:- Your opinion about the novel.) * To be done in Language notebook.
HINDI	<p>अनुच्छेद लेखन कीजिए (शब्द सीमा 100 से 125 शब्द) 1. जीवन में नैतिक मूल्यों का महत्त्व 2. मेरी अविस्मरणीय रेल यात्रा छात्र अनुच्छेद हिंदी व्याकरण की नोटबुक में लिखेंगे </p>
SANSKRIT	<p>Write 10 sentences on मम दिनचर्या and मम परिचय: । Assignment to be done in A4 size chart paper or half chart paper. Cliparts / pictures can be used.</p>
FRENCH	<p>Write 10-15 famous proverbs (citations) in French based on education, life, good qualities and positivity along with the meaning in English.</p>
MATHS	<ol style="list-style-type: none"> Find the HCF of 52 and 117 and express it in form $52x + 117y$. Find the smallest number which leaves remainder 8 and 12 when divided by 28 and 32 respectively. Prove that $15 + 17\sqrt{3}$ is an irrational number. If α and β are zeroes of the quadratic polynomial $x^2 - 6x + a$; find the value of 'a' if $3\alpha + 2\beta = 20$. If one zero of the polynomial $x^2 + (a^2 - 9)x + 6$ is additive inverse of the other, find the value of 'a'. Find all the zeroes of the polynomial $2x^3 + x^2 - 6x - 3$, if two of its zeroes are $\sqrt{3}$ and $-\sqrt{3}$.
SCIENCE	<ol style="list-style-type: none"> Balance the following equations: (i) $\text{Fe} + \text{H}_2\text{O} \longrightarrow \text{Fe}_3\text{O}_4 + \text{H}_2$ (ii) $\text{Pb}(\text{NO}_3)_2 + \text{Fe}_2(\text{SO}_4)_3 \longrightarrow \text{Fe}(\text{NO}_3)_3 + \text{PbSO}_4$ Express the following reactions into chemical equations: (i) Sodium hydroxide reacts with sulphuric acid to form sodium sulphate and water. (ii) Phosphorous burns in oxygen to form phosphorous pentoxide. Can we place copper sulphate solution in an iron container? Why? Name the mirror that (a) can give real as well as virtual image of an object (b) will always give virtual and diminished image of an object (c) will always give virtual image of same size of an object (d) is used by a doctor in examining teeth. An object of 5 cm in size is placed at a distance of 20 cm from a concave mirror of focal length 15 cm. At what distance from the mirror, should a screen be placed to get the sharp image? Also, calculate size of the image. How does the length of a small intestine related with the kind of food the organism eat? "The breathing cycle is rhythmic whereas exchange of gases is a continuous process". Justify this statement. Draw a neat diagram of excretory system of human being and label the following: (i) Kidney (ii) Ureter (iii) Urinary bladder (iv) Urethra
SOCIAL SCIENCE	<p>TOPIC: SUSTAINABLE DEVELOPMENT</p> <ol style="list-style-type: none"> What do you mean by Sustainable development? Why is the issue of sustainability important for development? How resources can be used judiciously? (any five)
COMPUTER	<p>Write five features of any two database applications in your notebook. Also write two points of difference between them. Paste one picture of each database.</p>