

BHATNAGAR INTERNATIONAL SCHOOL
PASCHIM VIHAR
SUMMER HOLIDAYS HOMEWORK 2020-21
VII FORM

Learning is a treasure that will follow its owner everywhere.

Dear Students,

It is again your Summer Holidays. But, this time, they are very different from the previous years. Due to the Pandemic that had occurred, on one hand, the world is facing crisis but on the other hand, our mother Earth has begun rejuvenating. It is the time when we need to stay at our homes and take care of all the family members.

We wish that you enjoy your vacation and learn through your surroundings and experiences and make the most out of these vacations.

>Ensure that you follow time table and do your exercise at home.

>Be a helping hand to your family members.

>Work on enhancing your skills. You can surely do that!

>Make sure you eat healthy and keep your surroundings spic and span.

>Save water, save electricity and emerge as an environmentalist.

Last but not the least, be a proud Indian- Read about your country and become an explorer.

The attached Holiday's Homework would enable you to use your capacities to the maximum.

“Education is not the preparation of life, it is life.”

HAPPY HOLIDAYS!

Section A: Languages and Mathematics

ENGLISH

Q1. You have read an extract from Mark Twain's "Adventures of Huckleberry Finn", titled Of Magic Lamps and Genies. Read the story and understand the characters completely.

Enact as your favourite character, maybe a scene from the story and give details about him. You may dress up like him, create a virtual background in, design a book cover hold it in your hand , prepare a video and share it with us.

Q2. Make your diary a new friend, give a name – tell your routine , open your heart , make it your best friend, paste pictures, draw sketches, emoticons and share your feelings – because paper has more patience than people.

You may share some verses, some jokes, some gossips, some thoughts – this friend can be trusted.

De

HINDI

1 यदि आपकी भेंट ईश्वर से हो जाए तो आप अपने लिए उनसे क्या मांगेंगे ईश्वर और अपने बीच हुई बातचीत को संवाद रूप में लिखें।

2 2.सच्चे मित्र के गुणों को दर्शाने वाले कोई 10 मुहावरे सचित्र लिखें।

FRENCH

Listen to the French song 'Alouette, gentile alouette'

(https://www.youtube.com/watch?v=L_hFw_cWg9U).

Prepare a poster (soft copy) in MS Paint, Scratch or any other software that you find easy to work with, draw a bird similar to the one in the video. You may use another colour of your choice.

Describe the body parts of the bird. Write at least 5 sentences. For example, l'oiseau a un grand bec. Give an apt title to your poster.

GERMAN

Make a colourful E-Menu card or E-Scrap book of German food items and drinks.

(Either use A4 Size Sheets, make a PPT or a video including audio in your own voice telling about the food items.) * Make it as creative as possible.

Procedure: search information from internet and paste the pictures with 3D effect along with the names of food items in German

and

Make a poster or a Scrapbook on comparison of German food and Indian food explaining the main meals in Germany and India like Breakfast, Lunch, evening Snacks and dinner. (Also mention the meal timings in both the countries. Is it the same?)

* Make it as creative as possible

SANSKRIT

*लङ्कार अभ्यास करे पठ गम अस कृ भू

चित्र सहित महर्षि वेदव्यास जी ४ वेद ऋग वेद , साम वेद यजुर्वेद अथर्ववेद

MATHS

ACTIVITY -1

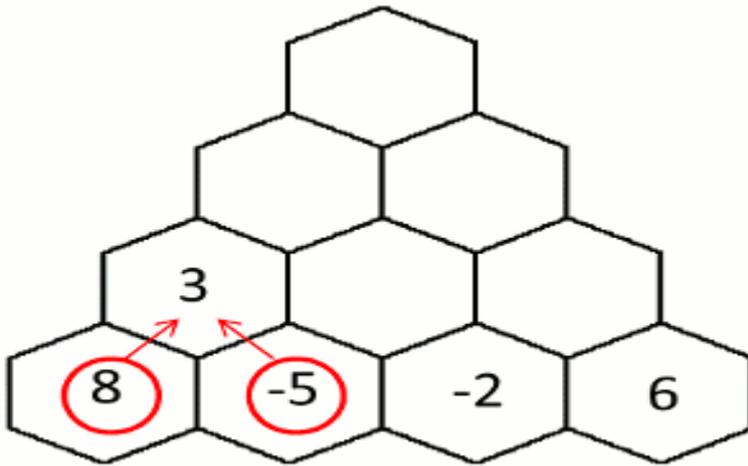
Write your name and name of your family members and friends (not more than 10), find the value of all the names by using integer alphabet grid.

**I N t E g E r
A l P h A b E t**

	A	B	C	D	
	-13	-12	-11	-10	
E	F	G	H	I	J
-9	-8	-7	-6	-5	-4
K	L	M	N	O	P
-3	-2	-1	1	2	3
Q	R	S	T	U	V
4	5	6	7	8	9
	W	X	Y	Z	
	10	11	12	13	

ACTIVITY -2

a) Solve the given integer pyramid:



b) Find the value:

$$\square + \square + \square = 24$$

$$\bigcirc + \bigcirc - \square = 10$$

$$\triangle + \triangle - \bigcirc = 11$$

$$\square + \bigcirc + \triangle = ??$$

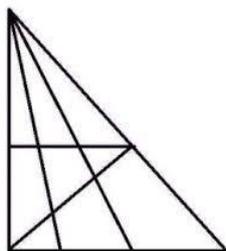
MindYourLogic

c) Solve the magic square of decimals. The magic number is 9.

		3.6
1.8	3.0	
2.4		

(Do it in a separate thin holidays homework notebook)

- Going up is a positive move and going down is a negative move. Ana enters the elevator from basement and takes it to 11th floor for lecture.
 - She takes the lift 6 floors down for snacks. At which floor is she now?
 - She takes the lift 13 floors up for play area. At which floor is she now?
- What will be the sign of the product in each of the following cases?
 - 78 negative integers and 3 positive integers. _____
 - 143 negative integers and 36 positive integers. _____
- Find the correct pattern and complete the series.
 - 4, 8, 10, 20, 22, 44, 46, ____, ____, ____
 - AC, DF, GI, ____, ____, ____
 - 1, 3, -1, -3, -7, -21, ____, ____, ____
- Count the number of triangles in the given figure:



- Write down a pair of integers whose:
 - sum is -4
 - difference is -6
- The weight of an object on the Moon $\frac{1}{6}$ th its weight on the Earth. If an object weighs 147.6 kg on the Earth. How much would it weight on the Moon?
- $\frac{1}{8}$ of a number equals $\frac{2}{5} \div \frac{1}{80}$. Find the number.

8. The square paper sheet has $10\frac{2}{5}$ cm long side. Find its Area and Perimeter.
9. In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for each question not attempted.
- a) Ravi gets 4 correct and 6 incorrect answers. What is his score?
- b) Heena scored 10 marks, if she gave 6 correct answers. How many were incorrect answers?
10. Find the length of rectangle whose area is 9.75 sq. cm and breadth is 0.25 cm.

Section B: Self Improvement, Health, Gardening and Plantation

Q1. "Handwriting is more connected to the moment of the heart."

Let's enhance our skills by penning down a page of famous inspirational quotes of different authors – one page English , one page Hindi.

Q2. "The gift of learning to meditate is the greatest gift you can give to yourself in this lifetime" Every morning after daily chores give yourself some "ME – TIME" , practice deep breathing exercises . Observe your breath – it has magical effect on our lives.

Q3. Yoga is essential for our health , it's impact on our body is positive and enhances well being.

Practice Pranayam everyday.

Q3. Growing plants gives us a feeling of oneness with the world. Plant seeds in a pot, observe its growth. Give it a name, take care of it and take pictures with it.

Section C: Science, Technology & Travelogue

Q1 . SCIENCE & FEIT

1. Make an informative presentation /video on Hyperloop and it's benefits.

2.Create a Science Magazine or Newspaper elucidating about various new scientific inventions or discoveries. Create/ Pick up catchy headlines and add pictures. Be creative

OR

Observe the night sky and explore about various constellations and their significance. Record your observations in a video

Q2. SOCIAL SCIENCE

* The Medieval Period of India is admirable, with many Mughal Kings and several dynasties. Research and find out about any one emperor/king of the Medieval Period and make a short video on him. Keep it short.

*Take or capture pictures of an ecosystem which fascinates you. Prepare some slides or charts colourful pictures of it.

Q3. WORLD VISION

Take a Virtual Tour

It's a dream of each one of us to see a beautiful locale of a place. Make a movie capturing pictures using technology of places you would like to visit of a destination, elucidate on the best time to visit, its famous personalities and its cuisine.

Section D: Information Technology & Media

COMPUTER

1. Prepare a power presentation/movie on Robotics. Include the following topics

a. What is robotics? b. Laws of robotics. c. Technology used in robotics.

d. Any 4 fields where robotics are used.

Make your presentation attractive by adding images and transitions , maximum of 10 slides

ART AND CRAFT

Make a use of the waste material from your house holds such as newspapers, cardboards, wooden plank or ply, tiles, plastic etc. any waste material and create and decorate beautiful COASTERS out of them. Create any 4 different types and shapes of COASTERS. Be creative-take ideas from DIYs