

**BHATNAGAR INTERNATIONAL SCHOOL**  
**PASCHIM VIHAR**  
**HOLIDAYS HOMEWORK (2020-2021)**  
**VI 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 : LANGUAGE AND MATHEMATICS**

**ENGLISH**

- Holidays are a chance to read, relax and rejuvenate. So grab your favorite book and Read...  
Read....Read!!!
  - Design a cover of your favorite book. Illustrate it with colorful pictures.
  - Write the preface of the book in about 80-100 words.
  - Mention any 4 of your favorite characters from the book and describe them.
- Make your own little newspaper on A3 sheets- include headings like entertainment, sports, puzzles , quizzes etc. Give it your own creative title.

- Suggestive book for reading online : HARRY POTTER SERIES BY J K ROWLING



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<https://mail.google.com/mail/u/0?ui=2&ik=4229b3881e&attid=0.1&permmmsgid=msg-f:1666745890836426977&th=1721788e9225b0e1&view=att&disp=inline>

## HINDI



- दिए गए विषयों में से किसी एक पर वक्तव्य दें और वीडियो बनाएँ-



- १. पर्यावरणीय परिवर्तन का सकारात्मक प्रभाव

- २. समाचार के आधुनिक साधन



- ३. हिंदी जन-जागरण की भाषा"

- २. दवाई से नाता तोड़ो, सफाई से नाता जोड़ो " |

- 'प्रक्षालक'( सैनिटाइजर) ⌚ समय की माँँग है, विषय पर सचित्र विज्ञापन तैयार कीजिए।

## MATHEMATICS

Q1- In the following five questions, each digit of a number stands for a particular alphabet in the given word (not in proper sequence). Find the proper relation between each digit and corresponding alphabet and then answer the questions that follow:

Words	Numbers
GOOD	5075
INDIA	24347
GOLD	7850
LOAD	2875
RIDE	1947
SENDER	196379

a) The number 1234 can be written by which one of the following words (alphabets not necessarily in same sequence)

- a) ROAD
- b) NEAR
- c) RAIN
- d) DEAR

b) The word SAIL can be written by which one of the following numbers (digits not necessarily in same sequence)

- a) 8420
- b) 2468
- c) 8620
- d) 2478

c) The word GLIDE can be written by which one of the following numbers (digits not necessarily in same sequence)

- a) 08279
- b) 98640
- c) 08579
- d) 98740

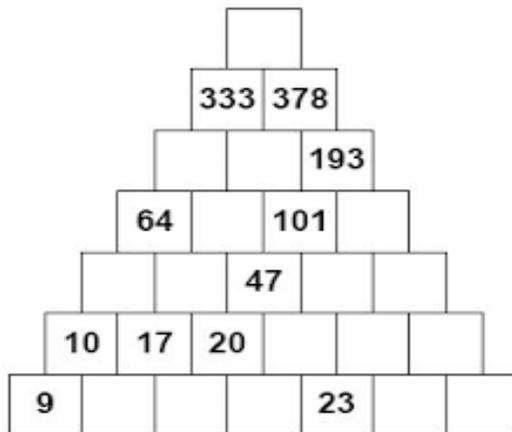
d) The numbers 23456 represents which one of the following words (alphabets not necessarily in same sequence)

- a) NOISE
- b) SONIA
- c) SNAIL
- d) SONAL

e) The word GOLDEN can be written by which one of the following numbers (digits not necessarily in same sequence)

- a) 305679
- b) 305789
- c) 305877
- d) 305977

Q2- Fill in the number tower:

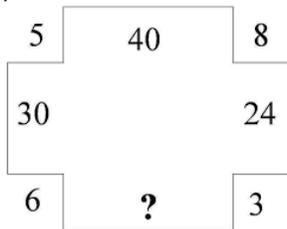


Q3- Solve the following puzzles:

a)

$$\begin{array}{r} \square + \square = 14 \\ + \quad + \\ \square - \square = 10 \\ \parallel \quad \parallel \\ 15 \quad 16 \end{array}$$

b)



Q4- Find the sum of even numbers lying between 31 and 61.

Q5- Based on the group of numbers given below answer the questions (a to d)

28 , 63 , 71 , 17 , 48 , 89 , 77 , 35 , 25 , 91 , 23 , 38 , 74 , 97 , 69 , 31 , 95 , 85 , 49 , 58.

a) Find the two numbers which lie in the middle when all numbers are arranged in ascending order. \_\_\_\_\_

b) Find the sum of all the numbers, lying between 60 and 90. \_\_\_\_\_

c) Find the difference between (i) the sum of all the numbers divisible by 7 and (ii) the sum of all the smallest 5 numbers. \_\_\_\_\_

d) Find the sum of all the odd numbers below 50. \_\_\_\_\_

Q6- Solve using distributive property:

a)  $160 \times 102$

b)  $625 \times 279 - 625 \times 79$

Q7- Determine the by suitable rearrangement also write the name of the property:

(i)  $2062 + 353 + 1438 + 547$

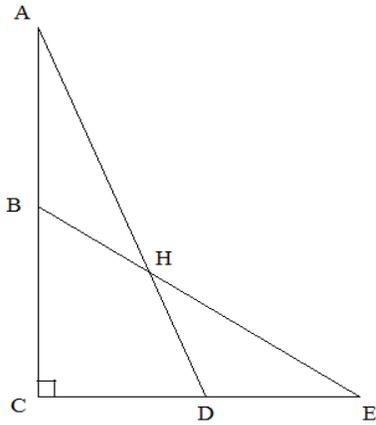
(ii)  $137 + 24 + 63 + 66$

Q8- Multiply using suitable arrangement

a) 15, 8, 40, 125

b) 4, 2893, 250

Q9- Look at the given figure and answer the following:



- a) Identify 4 triangles
- b) Write the name of 10 angles
- c) Which two triangles have  $\angle C$  as common
- d) Which two triangles have no angle common

#### Q10. ACTIVITY : DISTRIBUTIVE PROPERTY OF MULTIPLICATION OVER ADDITION

Do this activity in a digital file means you have to save it in your system

Insert grid lines , tables or graph

Write Material required, procedure , observation, result

Later use this digital file for your maths activity file

Links for your reference: <https://youtu.be/ez5yCBxmL6I>

#### FRENCH

##### 1. 'Je suis'... Board

Create a poster, JE SUIS (using MS Paint, Scratch or any other software) using French adjectives. Remember to use feminine adjectives if you are a girl and masculine adjectives if you are a boy. You may add short French sentences about yourself. Add your photo or draw your face on a sheet and add it to your poster. Refer to the example given below:



2. Watch interesting videos on Youtube related to France. Here are some interesting links:
- Paris: <https://www.youtube.com/watch?v=bb4zvZdrMz4&t=1s>
  - <https://www.youtube.com/watch?v=uyHlcOX4FaE>
  - <https://www.youtube.com/watch?v=Kz64czn1JcQ>
  - <https://www.youtube.com/watch?v=ZNk2QOn9oGE>

## GERMAN

**Q-1.** How much do you remember, how German you are? As discussed in the class already or you may surf the internet and find the answers of the following questions about Germany. Write each pair of questions and answer on separate tag cards. Colours of German flag, common food, Two bordering countries, Capital city, Longest River, Famous brands, famous personalities, Most Popular Sport.\* Make it as creative as possible.

**Q-2.** Make a picture dictionary or E-Scrapbook with all the letters in German language. Either use A4 Size Sheets, make a PPT or a video (including audio in your own voice showing the pictures with the corresponding letters). \*Make it as creative as possible. Link is shared below for your reference. Speak in the same manner as given in the Video.Fore.g "A" wieApfel, A wieAffe.

[https://www.youtube.com/watch?v=Q\\_6QzHc2PPA](https://www.youtube.com/watch?v=Q_6QzHc2PPA)

OR

**Q-3.** Make a family tree pasting your and your family members' photograph on it. Don't forget to mention the relation you have with them and do mention their names on it or You may also make a video on your family showing your family members (include your mom, dad, Grandpa, Grandma, brother, sister.etc.) (in your own voice). \* Make it as creative as possible.

Initially introduce yourself in the Video and then proceed further with the Family members –



<https://www.youtube.com/watch?v=vOfCzWaaWUo>

<https://www.youtube.com/watch?v=2yZkGI-8yCY>

## SANSKRIT

१) प्रतिदिन ॐ मन्त्र का उच्चारण करें (५ बार )

२) सोते समय ईश्वर धन्यवाद करें (धन्यवादः अहम तुभ्यं नमामि शुभ रात्रि )

३) शब्दावली

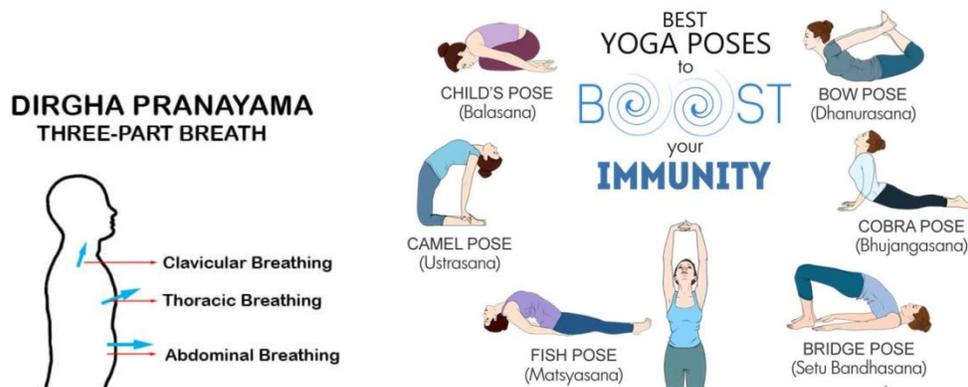
- क) 5 फल चित्र नाम सहित
- ख) 5 फूल चित्र नाम सहित
- ग) 5 पशु चित्र नाम सहित
- घ) 5 वर्ण (रंग) चित्र नाम सहित

उत्तर पुस्तिका में करे

## SECTION B- SELF IMPROVEMENT, HEALTH AND PLANTATION

### IMMUNITY BUILD UP

1. Try atleast two yogaasanas (pranayams) that help you to build up your immunity and helps your body resist any kind of infections



Practice these asanas on regular basis and make a video featuring you along with your family members trying out these asanas.

2. We take a lot from nature ,so should give back something in return. Try to minimise plastic wastes by avoiding it or recycling it. Look around your household (indoors)and find out waste bottles, cans and containers. Try to convert them into beautiful and creative green corners .Click pictures to be shown.



3. SELF GROOMING

Our country and citizens are undergoing a tough time during the Pandemic-COVID-19. In this situation we should help the needy. This becomes our moral duty. Think of any such activity like donation of daily essentials to the poor. Make comic strips related to this activity. An awareness campaign can also be planned for the underprivileged.

## **SECTION C- SCIENCE , TECHNOLOGY AND TRAVELOGUE**

### **DISCOVER THE BEAUTY OF SIKKIM**

#### **ACTIVITY**

Create a video for travel and tourism of Rajasthan depicting cultural and historical areas of various cities of

Rajasthan which can be effective marketing tool for visitors.

Guidelines for content :

- The movie should include clips highlighting Rajasthan on the whole.
- The first clip should brief about main attraction areas of Rajasthan.
- The movie should be concentrating on one main city and nearby areas of attraction.
- It must comprise of text, sound and pictures describing the place of interest and nearby areas.
- The description of main city must highlight on its culture, monuments, famous places, famous cuisine ,hotels, temples, etc. along with the nearby places of attraction in the form of pictures, videos and text.
- You may also include audio recorded by you and describe about the places.
- Use animation and effects.
- Use voice recorder or sound effects.

Duration – Not more than 5 minutes.

#### **SCIENCE**

1. The gadget is a small electronics and technology based device that performs some specific functions.

Technology and gadgets are now indispensable in our daily lives. Resistance is futile. The advancements in the field of science and technology have resulted in better gadgets for masses. These gadgets have enhanced our lifestyle by leaps and bounds.

Select a gadget ( for eg. Computer, TV, iPod, AC, smart phone, Robots, fridge, etc) and design a project including the following necessary aspects:

- Invention of the gadget.
- Science involved in designing the gadget.

- Improvements or enhancements in the latest or updated version of the gadget.
- Negative impact on health due to over use or dependence on the gadget.

2. India is considered to be the oldest living civilisation by many historians. There are some traditions that most people of the world recognize India with. Something as simple as a 'Namaste' rings 'India' in people's mind.

Write about 10 such Indian practices or traditions and the science behind them. Paste pictures related to the same.

### 3. LUCK BY CHANCE

Explore about any 3 accidental phenomenal scientific discoveries and their significance like leaning tower of Pisa. Create a PPT and make use of audio and pictures to enhance the presentation.

## SECTION D- INFORMATION TECHNOLOGY AND MEDIA

Q1. Make a powerpoint presentation showing the new apps you have learned during this lockdown and what are benefits of using these app in detail.

**OR**

Make a power point presentation to show what all can we do to take care of our grandparents.

Q2. Make a power point presentation showing the new Apps you have learned during this lockdown and mention the benefits of using these apps in detail.

## ART AND CRAFT

From your house hold material, utilise some unused waste glasses or glass jars along with some other waste materials like stones, marbles, ropes, ribbons etc. and create as well as decorate some beautiful tea light candle stands.

Atleast 3 different design candle stands over glasses or glass jars.



[You can refer to different DIYs and ideas]