



आत्मानं विद्धि

# MANAVA BHARATI HERITAGE SCHOOL, CHANDIGARH

## Summer Holiday Homework 2020-21

STAY  
HOME  
STAY  
SAFE



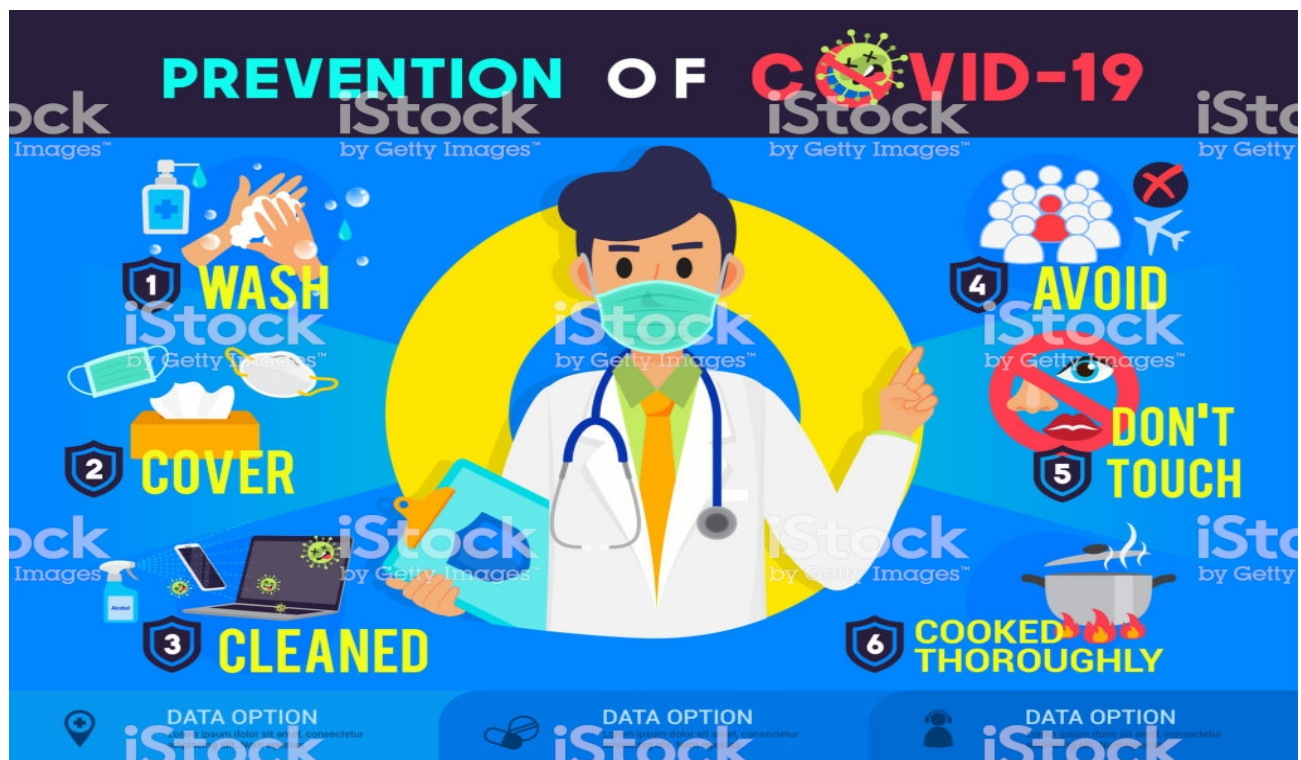
- ✓ to spend precious time with loved ones
- ✓ can strengthen the bond between family members
- ✓ be able to do many beneficial activities with the family

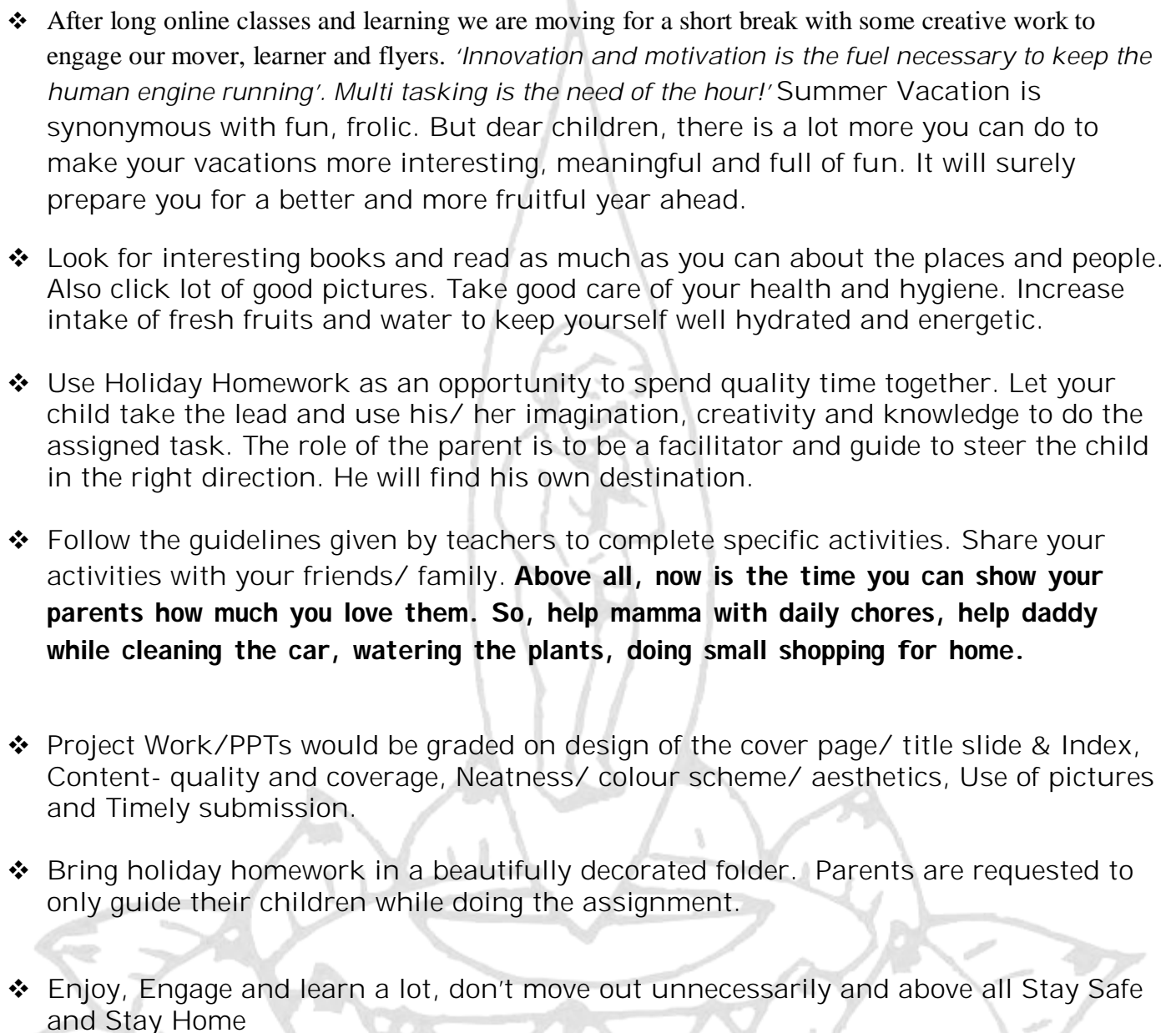


Dear Students/Parents,

#stayhome #staysafe

It seems as if the world as we know is changing daily and we need to be ready for it, we are doing our very best to maintain a sense of normalcy and also taking care of children academically and emotionally during this covid-19. *'Perfection is not attainable, but if we chase perfection we can catch excellence'*, Teachers, school staff, families and specially students are adjusting to a new life, learning in a world where we are all staying learning and working at home in order to contain the spread of covid-19. You might be inclined to create a minute by minute schedule for your kids. You have high hopes of hours of learning, including online activities. We need to guide them and make them aware of how can we deal with covid-19. Our kids are just as scared as we are right now. Our kids not only can hear everything that is going on around them, but they feel our constant tension. What kids need right now is to feel comforted and loved. To feel like it's all going to be ok. And that might mean that you tear up your perfect schedule and love on your kids a bit more. Don't worry about them. Every single kid is in this boat and they all will be ok. When we are back in the classroom, we will all course correct and meet them where they are. Teachers are experts at this! **Children need encouragement not nagging**



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- ❖ After long online classes and learning we are moving for a short break with some creative work to engage our mover, learner and flyers. *'Innovation and motivation is the fuel necessary to keep the human engine running'. Multi tasking is the need of the hour!* Summer Vacation is synonymous with fun, frolic. But dear children, there is a lot more you can do to make your vacations more interesting, meaningful and full of fun. It will surely prepare you for a better and more fruitful year ahead.
  - ❖ Look for interesting books and read as much as you can about the places and people. Also click lot of good pictures. Take good care of your health and hygiene. Increase intake of fresh fruits and water to keep yourself well hydrated and energetic.
  - ❖ Use Holiday Homework as an opportunity to spend quality time together. Let your child take the lead and use his/ her imagination, creativity and knowledge to do the assigned task. The role of the parent is to be a facilitator and guide to steer the child in the right direction. He will find his own destination.
  - ❖ Follow the guidelines given by teachers to complete specific activities. Share your activities with your friends/ family. **Above all, now is the time you can show your parents how much you love them. So, help mamma with daily chores, help daddy while cleaning the car, watering the plants, doing small shopping for home.**
  - ❖ Project Work/PPTs would be graded on design of the cover page/ title slide & Index, Content- quality and coverage, Neatness/ colour scheme/ aesthetics, Use of pictures and Timely submission.
  - ❖ Bring holiday homework in a beautifully decorated folder. Parents are requested to only guide their children while doing the assignment.
  - ❖ Enjoy, Engage and learn a lot, don't move out unnecessarily and above all Stay Safe and Stay Home

**V.K PANDEY**

**PRINCIPAL**



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MANAVA BHARATI HERITAGE SCHOOL, CHAND KAIMUR

## HOLIDAY HOME WORK GRADE: VIII

### SUBJECT: ENGLISH

General instructions:-

- Use separate copy for this work.
- Your work should be neat and clean.

Answer the following questions...

1. Is English a borrowed language? Make a list of some borrowing words (at least 50) from other language which we are using as well as in English.
2. Make a note on lockdown 1,2,3 and 4. Share your experience whatever you have felt during this period.
3. write an article on 'importance of online classes'. (in 150 words)
4. write any 4 shubhashitani from your sanskrit book and try to translate in Hindi and in English.

### SUBJECT: HINDI

- 1 वसंत ऋतु में आने वाले त्योहारों के विषय में जानकारी एकत्र कीजिए और किसी एक त्योहार पर निबंध लिखिए।
- 2 आपने मेले - बाजार आदि में हाथ से बनी चीजों को बिकते देखा होगा आपके मन में किसी चीज को बनाने की कला सीखने की इच्छा हुई हो और आपने कोई कारीगरी सीखने का प्रयास किया हो तो उसके विषय में लिखिए।
- 3 मशीनी युग में अनेक परिवर्तन आए दिन होते रहते हैं। आप अपने आस-पास से इस प्रकार के किसी परिवर्तन का उदाहरण चुनिए और उसके बारे में लिखिए।
- 4 आप अपनी किसी यात्रा के खट्टे - मीठे अनुभवों को याद करते हुए एक लेख लिखिए।

- समस्त गृष्मावकाश कार्य A4 स्टिक फाईल में तैयार करना है। यदि उपलब्ध न हो तो कार्य को अपने पुराने उत्तर पुस्तिका में भी तैयार किया जा सकता है।

### SUBJECT: MATHEMATICS

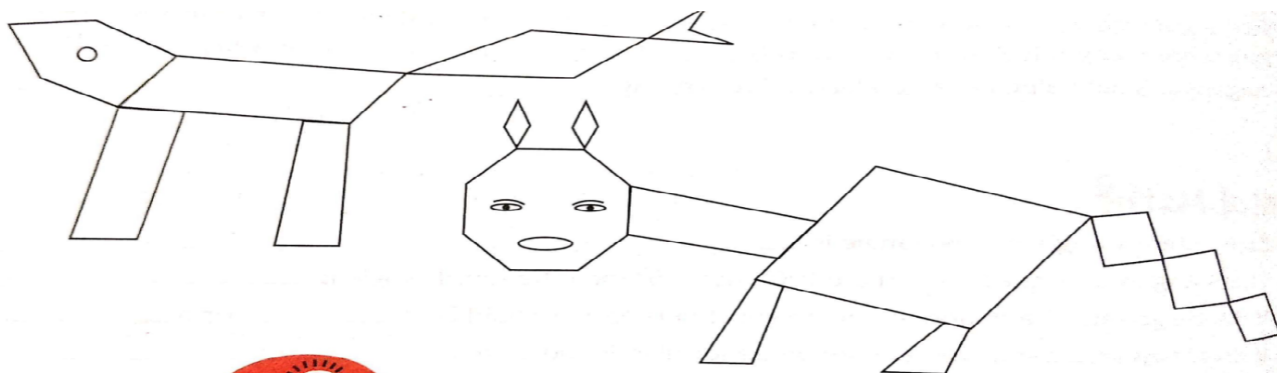
- 1 Collect the information regarding contribution of Pythagoras and Hippasus for Rational numbers.

### Mental Maths

- 2
  - 1) Write a rational number between  $\frac{1}{4}$  and  $\frac{3}{4}$ ?
  - 2)  $\frac{17}{22} = \frac{85}{\square}$
  - 3) The sum of two rational numbers is  $\frac{7}{9}$  and one number is  $\frac{3}{27}$ . Find the other.
  - 4) Additive inverse of  $\frac{12}{55}$  is \_\_\_\_\_
  - 5) Simplify  $\frac{8}{21} \times \frac{7}{32}$
  - 6)  $\left(-\frac{2}{7} \times -\frac{3}{8}\right) \times \frac{7}{12} = \text{_____} + \text{_____}$
  - 7) Add  $\frac{7}{9} + \frac{17}{9}$
  - 8) Divide  $\frac{5}{11}$  by  $\frac{7}{33}$
  - 9)  $\frac{4}{9} \times \frac{3}{7} + \frac{4}{9} \times \frac{2}{7} = \text{_____}$
  - 0)  $\frac{8}{-13} + \frac{6}{5} + \frac{3}{5} + \frac{8}{13} = \text{_____}$

Next

- 3 Making different figures using polygons



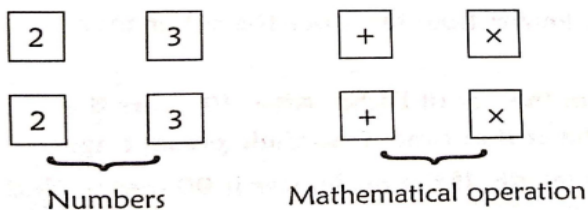
- 4 Framing the equations

**Objective:** To frame the equations using paper cutting and pasting method

**Materials required:** Chart paper, sketch pen, pair of scissors and glue

#### Procedure:

- 1) Make a small equal size squares (8 pieces) on a chart paper and cut it.
- 2) Pair them by marking them with any two numbers and 2 mathematical operations.



3) Start the equation as  $x = 5$

Then using  $\times$  card multiply both the side by 3

Then

$$3 \times x = 3 \times 5$$

$$3x = 15 \text{ is an equation}$$

Now using  $+$  and  $2$  card add 2 to both side

$$3x + 2 = 15 + 2$$

$$3x + 2 = 17$$

#### Observation:

Thus we can get many equations starting with  $x = 5$

i.e.,  $3x = 15$  and  $3x + 2 = 17$

**Conclusion:** Above activity shows that we can frame infinite equations with a single given equation.

- 5 Search in Google and find the names of polygons having 11 sides, 12 sides-----upto 20 sides. Write this information on your classroom soft board in a chart.

Note: Do all the questions in a separate scrapbook



## **SUBJECT: SCIENCE**

1. Collect different kinds of plastic materials at your home and classified them in thermoplastic and thermosetting categories and write in your fair notebook.
2. Make 10 --10 objective questions from chapter 1 , 3 and 11
3. By activity, at your home proof that air exert pressure and make the video of it.
4. Do activity and proof that soil mix with fertilizer increase the rate of growth of plants in comparison to soil mix with animals' dung or normal soil.

## **SUBJECT: SOCIAL SCIENCE**

- ✚ Draw two World's Political map and show the distribution of minerals and also write about it.
  - ✚ Write about Hydel, nuclear power and Tidal energy and make its figure.
  - ✚ Draw two political map of India and show the distribution of different crops and minerals.
  - ✚ Write about the key features of Indian constitution.
- INSTRUCTIONS - All the answers write in A4 size century paper.
  - All the map (India and world) draw by free hand.

## **SUBJECT: COMPUTER**

1. Create a mark sheet format of your five friends by drawing MS-EXCEL Worksheet and use the following functions – Sum, Average, Maximum and Minimum.
2. Draw a neat and clean hierarchy chart that show the different types of software's and differentiate between Interpreter and Compiler.
3. What do you mean by GUI operating system? Explain with more than one example.  
( Note: Use A4 size paper to complete your assignment).

## **SUBJECT: SANSKRIT**

- 1 . स्वच्छता का विशेष ध्यान रखें ।
- 2 . सभी प्रश्नों के उत्तर A4 साइज पेपर अथवा कापी पर लिखें ।
- 1 अष्ट सुभाषितानि लिखत तस्य अर्थम् अपि हिन्दी भाषायां लिखत ।
- 2 विष्णुशर्मायाः कोअपि एकां कहानिं लिखत तस्य विषये भावचितं अपि निर्माणयतु ।
- 3 गुरु – शिष्य मध्ये एकां संवादं लिखत ।
- 4 भवतां कृते विद्यालयं सोभनम् अस्ति तत्र किं सोभनम् लिखत ।

**HAPPY HOLIDAYS**