

ITBP PUBLIC SCHOOL, DWARKA



**SUMMER VACATION
HOMEWORK**

**FOR GRADE 8
SESSION 2021-22**

SR. NO	SUBJECT	HOMEWORK
1.	ENGLISH	<p>It's truly said, "Reading is to the mind what exercise is to the body." While you stay safe at home during the corona-virus pandemic, let books prove to you that they can be your constant companions during these strange and uncertain times.</p> <ul style="list-style-type: none"> Read following stories: <p>Princess September (It so happened)</p> <p>Bepin Choudhary's Lapse of memory (Honeydew)</p> <p>"Imagination and Creativity can change the World"</p> <ul style="list-style-type: none"> Create a comic of your own using story 'How camel got its hump' <p>Fun Time with words. Click (press ctrl then click) on the following link and enjoy playing with words.</p> <p>https://quizizz.com/join/quiz/5f713053867883001b7a1bf4/start?studentShare=true</p> <p>Fun with Grammar:</p> <p>All about Tenses. Click (press ctrl then click) on the following link and complete your assignment.</p> <p>https://docs.google.com/forms/d/e/1FAIpQLSeo7NIqBFO-Cek1YIZcaW-ZKqn2tICx8SUK3puwuX8kh17oOg/viewform?usp=sf_link</p> <p>Literature Revision Time</p> <p>Click (press ctrl then click) on the following link and complete your assignment.</p> <p>https://docs.google.com/forms/d/e/1FAIpQLSem-bH2bqbTqh5zEpMwrN5JU8afjaLzAugCixJ-sAkTwA2vtg/viewform?usp=sf_link</p>
2.	HINDI	<p>❖ बस की यात्रा पाठ के आधार पर लेखक और उसके मित्रों के बीच अपनी कल्पना से संवाद लिखिए। चित्र भी बनाकर अपने कार्य को आकर्षक बनाइए।</p> <p>❖ कोई भी पाठ्येतर कहानी सुनाते हुए अपनी वीडियो बनाइए। कहानी बिना पढ़े हाव- भाव के साथ सुनाइए और विद्यालय की वर्दी पहन कर या उस कहानी से संबंधित किसी पात्र के रूप में पोशाक पहनकर इस गतिविधि को कीजिए।</p> <p>❖ अपना परिचय देते हुए एक समाचार वाचक की तरह अपनी पाठ्य पुस्तक "भारत एक खोज" के पाठ 1 - 'अहमदनगर का किला' अथवा पाठ 2 - 'तलाश' की विषयवस्तु को पढ़कर अपने वाचन कौशल को प्रस्तुत करते हुए दो से तीन मिनट की अपनी वीडियो बनाओ। अपनी प्रस्तुति को प्रभावशाली</p>

		<p>बनाने के लिए आप पाठ में आए विषयवस्तु से संबंधित चित्र भी दिखा सकते हैं।</p> <p>❖ अपने घर अथवा पड़ोस के किसी वरिष्ठ व्यक्ति के समय की शिक्षा प्रणाली पर चर्चा करते हुए अपनी आधुनिक शिक्षा प्रणाली के साथ तुलना कीजिए। सारी बातचीत को रिकॉर्ड कीजिए।</p> <p>❖ आपके विद्यालय में लगने वाली हैप्पीनेस कक्षाओं के विषय में अपने विचारों और भावनाओं को प्रस्तुत करते हुए आप उन कक्षाओं के अनुभव को एक एल्बम में उतार कर अपनी भाषा, कला और रचनात्मकता का प्रदर्शन कर सकते हैं। यह प्रदर्शन आप हार्ड कॉपी में एल्बम बनाकर अथवा सॉफ्ट कॉपी में एल्बम बना कर ,अपनी इच्छा अनुसार दोनों ही रूपों में कर सकते हैं।</p> <p>❖ महत्वपूर्ण बिंदु</p> <ul style="list-style-type: none"> ▪ सारा कार्य आकर्षक ,सृजनात्मक और कलात्मक एवं प्रस्तुति योग्य होना चाहिए। ▪ कार्य को आकर्षक बनाने के लिए आप भिन्न-भिन्न रंगों और चित्रों का प्रयोग कर सकते हैं। ▪ सारा कार्य आंतरिक मूल्यांकन के अंतर्गत जाँचा जाएगा। ▪ लेखन के कार्य को करने हेतु आप किसी भी प्रकार के रंगीन कागज एवं शीट का प्रयोग कर सकते हैं। <p>▪ पाठ्यक्रम में पढ़ाए गए पाठों एवं करवाए गए कार्य की पुनरावृत्ति एवं अभ्यास पुनः करें तथा उन्हें इकाई परीक्षा एक हेतु तैयार करें।</p>
3.	SOCIAL STUDIES	<p>Q1). Make a PowerPoint presentation on any one social reformer of India during the 19th century highlighting all the following aspects:-</p> <ul style="list-style-type: none"> - Introduction - Background and struggle for change - Contributions and achievements. <p>NOTE : Do the following question as instructed on separate A4 sheets .</p> <p>Q2) Describe any 5 fundamental duties of an indian citizen. Also write your opinion on how you can make these duties a part of your life.</p> <p>Q3) List the renewable and non-renewable resources that are used in your home.</p> <p>Q4) Make a flowchart of classification of resources. Also give examples of each classification.</p>
4.	SCIENCE	<p>Q1- Make a project on Modern methods of agriculture used in India.</p> <p>Q2- Draw a well labelled diagram to show Nitrogen Cycle.</p> <p>Q3- Had you been an advisor to the department of agricultural practices, what would have you advised the farmers for weeding their</p>

		fields- chemical weedicides or biological control of weeds? Why? Q4- Find out how much of Sun lit area you have got in your house and draft a map of your terrace garden. Make a list of plants you want to grow during different seasons. Enlist the benefits you will get from this garden. Q5- Make a detailed project on hydroponics farming.
5.	MATHEMATICS	<p>Activity:</p> <ol style="list-style-type: none"> 1. Collect the information of 5 mathematicians and write 5 points about them. 2. Make a Bar graph representing the recovered patients of 5 different countries in March 2021 & April 2021. (Students would make two bar graphs, one for each month.) <p>➤ Revise Chapter 1, Rational Numbers thoroughly in practice notebook.</p> <p>➤ Complete all class work in fair notebook and share on Google classroom.</p> <p align="center">Worksheet (Chapter: 1, Rational Numbers)</p> <ol style="list-style-type: none"> 1. Represent the following on number line: a) $19/2$ b) $-16/3$ 2. Find 10 rational numbers between $3/5$ and $5/12$ using L.C.M. method. 3. Sachin got a prize money of Rs.1200.He spent $2/3$ of the money on buying shoes for himself and gave $1/4$ of the remaining money for charity. He also spent $1/3$ of the remaining money to buy a gift for her friend. How much money is left with him? 4. The sum of two rational numbers is $13/5$.If one of them is $-3/2$, find the other. 5. Verify associativity of multiplication of rational numbers for the following: a) $\frac{1}{2}, \frac{3}{4}, \frac{5}{6}$ b) $\frac{3}{7}, \frac{5}{6}, \frac{14}{23}$ 6. Find two rational numbers between the following: a) -2 and -3 b) $\frac{2}{3}, \frac{13}{14}$ 7. Using appropriate property find the value of: $-\frac{2}{3} \times \frac{5}{6} - \frac{2}{3} \times \frac{4}{7}$ 8. Simplify the following expression and write the additive and multiplicative inverse of the result obtained: $\frac{4}{3} \times \frac{1}{2} \div \frac{3}{2}$ 9. Multiply $\frac{5}{8}$ by the reciprocal of $-\frac{3}{8}$. 10. Identify the rational number which is different from the other three : $2/3, -4/5, 1/2, 1/3$. Explain your answer. 11. Calculate the following: (a) $-\frac{4}{5} \times \frac{3}{7} + \frac{4}{5} \times \frac{3}{7}$ (b) $\frac{1}{2} \times \frac{5}{6} + \frac{1}{3} \times \frac{1}{4}$

		<p>12. Show that: $\left(\frac{-8}{9} \times \frac{1}{-5}\right) + \left(\frac{-8}{9} \times \frac{-7}{11}\right) = \frac{-8}{9} \left(\frac{1}{-5} + \frac{-7}{11}\right)$</p> <p>13. If $x = 1/2$, $y = -2/3$ and $z = 1/4$, verify that $x \times (y \times z) = (x \times y) \times z$.</p> <p>14. If the cost of $4\frac{1}{2}$ litres of milk is ₹89$\frac{1}{2}$, find the cost of 1 litre of milk.</p> <p>15. The product of two rational numbers is $15/56$. If one of the numbers is $-5/48$, find the other.</p> <p>16. Let a, b, c be the three rational numbers where $a = 2/3$, $b = 4/5$ and $c = -5/6$, Verify:</p> <p>(i) $a + (b + c) = (a + b) + c$ (Associative property of addition)</p> <p>(ii) $a \times (b \times c) = (a \times b) \times c$ (Associative property of multiplication)</p> <p>17. Rajni had a certain amount of money in her purse. She spent ₹ $10\frac{1}{4}$ in the school canteen, bought a gift worth ₹ $25\frac{3}{4}$ and gave ₹ $16\frac{1}{2}$ to her friend. How much she have to begin with?</p> <p>18. One-third of a group of people are men. If the number of women is 200 more than the men, find the total number of people.</p> <p>19. Represent -2/11, -5/11, and -9/ 11 on the number line.</p> <p>20. Give a rational number that is equivalent to 4/7 with</p> <p>(a) numerator 20</p> <p>(b) denominator 28</p> <p style="text-align: center;">❖ Note : Home work assignment should be done in fair notebook.</p>
6.	SANSKRIT	<ul style="list-style-type: none"> ● सर्वनाम शब्द अस्मद (मैं) , युष्मद (तुम) शब्दों के शब्द रूप लिखें । ● सर्वनाम शब्द यत (जो) के पुल्लिङ्ग , स्त्रीलिङ्ग , नपुंसकलिङ्ग में शब्द रूप लिखें । ● ऋकारान्त स्त्रीलिङ्ग स्वसृ (बहन) और मातृ (माता) के शब्द रूप लिखें । ● नकारान्त पुल्लिङ्ग राजन (राजा) के शब्द रूप लिखें । ● हस , चल , खेल , खाद , धाव , रक्ष , पूज , कूर्द , पत , भ्रम , लिख , गम (गच्छ) , पठ व क्रीड़ धातुओं के लट लकार (वर्तमानकाल) , लृट लकार (भविष्यतकाल) , लङ्गलकार (भूतकाल) , लोट लकार (आज्ञा / आदेश) , विधिलिङ्ग लकार (सम्भावना) के धातु रूप लिखें । (सभी धातुओं के अलग-अलग) ● चित्र सहित शरीर के अंगों के नाम लिखें । ● सम्बन्ध वाचक शब्द लिखें । जैसे – बहन , माता , पिता इत्यादि । ● 20-20 पशुओं , पक्षियों , फलों , के नाम लिखें । (संस्कृत में) आप गूगल से सहायता ले सकते हैं । ● श्रीमद्भगवद गीता के कोई पाँच श्लोक हिन्दी अर्थ सहित लिखें ।
7.	COMPUTERS	<p>1. Explain All Available Applications Like Bhim, PaytmEtc For Online Payment In Detail With Image.</p> <p>2. Make File On 20 Browsers And 20 Search Engine With Image.</p> <p>3. Make Model On Pan, Lan, Man And Wan Network</p> <p>4. Make Model To Represent All Network Topology In Detail.</p>

		<p>5. Write Difference Between Bluetooth, Wifi ,Wimax.</p> <p>6. Make file on input and output devices</p> <p>7. What do you understand by number system explain binary and Decimal number system with conversion decimal to binary and binary to decimal.</p> <p>8. Explain About Cybercrime In Detail, Write Suitable Steps To Prevent From Cybercrime.</p>
8.	G.K	Complete the worksheet uploaded in Google classroom.
9.	MUSIC	<p>Learn all assembly mantras and prayers.</p> <p>Practice sargam and alankaars on your keyboard or keyboard app.</p>
10.	SPORTS	<p>1. Read about your favorite player and game.</p> <p>2. Do daily practice of pranayama with family</p> <p>3. Practice these aasanas:</p> <p>vajrasana</p> <p>Bhujangasana</p> <p>Gumukhasana</p> <p>setu bandhaasan</p> <p>Shalabhasana</p> <p>Sarvangasana</p> <p>kurmasana</p> <p>Matayasana</p> <p>ustrasana</p> <p>Padmasana</p> <p>Halasana warrior (virabhadrasana)</p> <p>Chakrasana</p>
11.	ART AND CRAFT	<p>1.Make a big and beautiful City scene using perspective method in an art file and colour it with poster colours</p> <p>2.Make beautiful Magic Butterflies with wire and papers.</p> <p>Following Material will be required for this activity.</p> <p>1.Wire</p> <p>2.Acrylic colours/poster colours</p> <p>3.pastel sheets</p> <p>4.Rubber band</p> <p>5.fevicol</p> <p>6.Scissors</p> <p>7.Saftey pin</p> <p>Students can take ideas through a given link (video) to make this activity.</p> <p>https://youtu.be/sspW9yEnDv4</p> <p>https://youtu.be/ajtAFpIHPxU</p>

