

N.K.Bagrodia Public School, Dwarka

Holiday Homework, Session: 2020-21

CLASS VII

ENGLISH

Revise the syllabus covered in the month of April- May.

1. Read newspaper articles every day. Find out the verbs, adjectives, prepositions, adverbs, conjunctions from two articles and paste the cut outs on A4 size sheet.

2. Choose one of the following proverbs :

- a) Stitch in time saves nine.
- b) Too many cooks spoil the broth
- c) Unity is strength
- d) As you sow, so shall you reap

Create a video of less than two minutes describing your personal experience/story based on any one of the above proverbs.

3. Prepare a book cover of your favourite novel using waste paper. It should include the following -

Title, Author, Picture, Description, Price, Publisher.

4. Write a paragraph on 'Change in Lifestyle in 2020 due to the Lockdown'.

5. Prepare a colourful calendar, describing new things you learnt during the lockdown. It could be cooking, drawing, dancing, singing, stitching, gardening etc. Describe your experiences and draw pictures depicting the same.

HINDI

*.प्रतिदिन एक पेज सुलेख करें।इस रूप में आप सृजनात्मक लेखन, अब तक करवाए गए कार्य की लिखित पुनरावृत्ति भी कर सकते हैं।(इसके लिए किसी पुरानी कॉपी का प्रयोग कर सकते हैं)

* इस कोरोना महामारी का प्रभाव अपने देश में अन्य देशों की अपेक्षा कम पड़ा जिसने' एक भारत ,श्रेष्ठ भारत' की सुंदर मिसाल प्रस्तुति की।इसके लिए किए गए व किए जा रहे प्रयासों पर पी० पी० टी० तैयार करें।

* अब तक करवाए गए कार्य की लिखित पुनरावृत्ति करें।

* कोरोना जैसी महामारी से बचने का उपाय बताते हुए भारत सरकार की ओर से विज्ञापन तैयार करें। (हिंदी कॉपी में लगाना है A-4 शीट पर करके)

* महामारी के प्रभावग्रस्त इलाके के निकट होने के कारण अपने क्षेत्र को सैनेटाइज़ करवाने का निवेदन करते हुए दिल्ली नगर निगम के अधिकारी को पत्र लिखिए।

MATHS

. Revise chapter 1,2 and 3 .

. Solve a Sudoku everyday.

. Complete assignment 1,2 and 3 and paste in the fair notebook.

Activity based work

1. Play with balls

Description:

Students are supposed to take two different coloured sketch pens, same number of identical balls are to be drawn for one integer as indicated. Perform activity according to given example. (We know – ve symbol means opposite/change of colour)

Example:

Let, Green for +ve integer

Red for –ve integer

1) 2×3 (2 times 3)

$(+3) \quad (+3) \quad = \quad (+6)$

$-2 \times (-3)$ (–2 times –3) = (6)

$- \left[\begin{array}{c} \bullet \\ \bullet \end{array} \right] + - \left[\begin{array}{c} \bullet \\ \bullet \end{array} \right] = - \left[\begin{array}{c} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \right] \xrightarrow{\text{Change the colour}} \left[\begin{array}{c} \bullet \bullet \bullet \\ \bullet \bullet \bullet \end{array} \right]$

$(-3) \quad (-3) \quad (-6) \quad (+6)$

Show the following in the form of pictures of balls.

- i) -3×4
- ii) 2×-4
- iii) -3×-4
- iv) 4×5

2. Supermarket sale

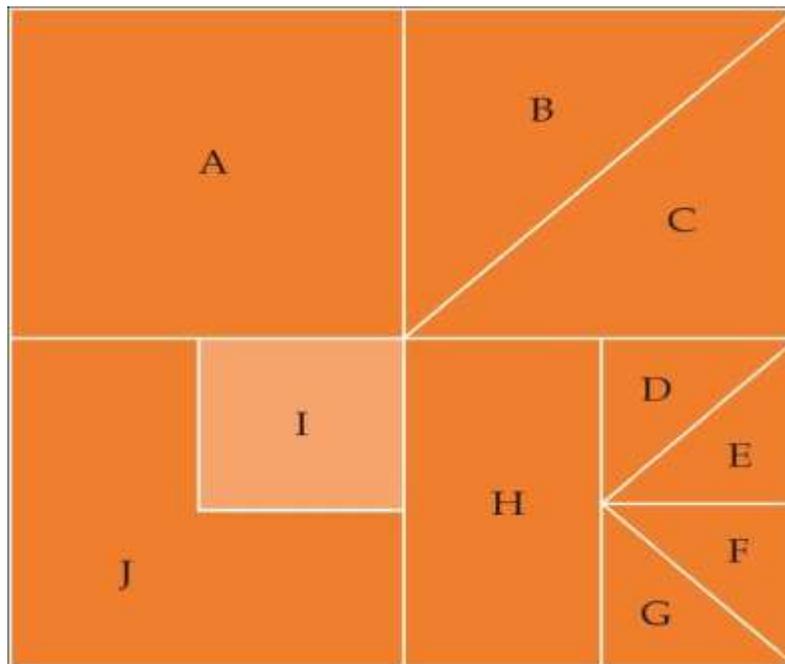
Description:

In the super market there are five shopkeepers A, B, C, D, E. If shopkeeper A sells his $\frac{2}{3}$ of products in a day, B sells $\frac{3}{7}$ of products, C sells $\frac{4}{5}$ of products in a day, D sells $\frac{5}{6}$ of products in a day and E sells $\frac{7}{8}$ of products in a day, who sells more products in a day? Cut 5 equal circles and represent each fraction on the circles and find the largest fraction and the smallest fraction.

3. Tangram activity

Description:

1. Draw a big square. Convert into four small squares by paper folding activity. Now we can see each part is $\frac{1}{4}$ of the whole. Again you can divide figure into other parts as directed in the figure and decide the value of each part.



4. Bar Graph

Description:

List out birth years of your family members at least 7 (if required the birth years of relatives may also be taken).
Draw bar graph on A4 size pastel sheet.

5.Fruit Basket

Description: Complete the following data.

S. No.	Name of Fruit	Price in current week	Price in previous week
1.	Apples		
2.	Bananas		
3.	Papaya		
4.	Oranges/ <i>Mausami</i>		
5.	Coconut		

Which of the fruit shows -

1. Maximum difference in price of current week and price of previous week.
2. Minimum difference in price of current week and previous week.

6. Family Survey

Description:

1. Collect data of number of family members of 10 neighbourhood families and find mean, mode and median.
7. Prepare **MATHABOLA(LIKE HUMBOLA)** using topics Integers , Fractions and decimals

SOCIAL STUDIES

1. Revise the chapters taught in month of April and May.
2. During the Chola period temples were the hub of economic, social and cultural life of the people. Make a PPT how temples have been an important aspect of our life since ancient times.
 - 10-12 slides required
 - Add pictures and animations
3. Make an attractive collage with at least 10 photographs of different monuments of the medieval period.
4. Being creative
All of us face problems in life. Many of us fear them and become worried. Some of us take them up as challenge and overcome them. Creative people see problems as interesting challenges and solve them in right earnest.
Characteristics of a creative person:
 - Enjoys challenges
 - Seeks solutions
 - Optimistic and curious
 - See problems as opportunities
 - See problems as interesting
 - Doesn't give up easily, rather perseveres and works hard.Keeping the above traits in mind ,prepare 2 to 3 minutes video and narrate your contribution (being a student) towards society during this pandemic of COVID 19. Share your experiences with positive thoughts.
5. Make a chart on **ARTICLE 15** of the Indian Constitution. List the main clauses of the Article. Highlight them.

SCIENCE

1. Prepare china rose indicator from flowers of china rose (Hibiscus) plant and turmeric indicator strips from turmeric powder. Test the substances (available at home like baking soda , detergent, vinegar etc) for their acidic and basic nature. Present your observations in the form of table.

2. Plan a daily routine for your family members including the following points.

- Morning exercises (including breathing exercises and yoga asans)
- Diet

Balanced diet chart for breakfast, brunch, lunch, evening snack and dinner.

Focus on food which improves immunity.

Based on age, sex and profession.

- Hygiene

Habits and practices to maintain cleanliness.

3. Design a brochure on COVID-19 highlighting the following points.

- Overview
 - Symptoms
 - Prevention
 - Treatment
 - Statistics

Your presentation should be done on pastel sheet which may include pictures , sciencetoon and drawings. Use crisp tag lines.

3. Revise the following chapters:

- Ch 1 Nutrition in Plants
- Ch 2 Nutrition in Animals
- Ch 3 Fibre to Fabric

SANSKRIT

1. दैनिक प्रयोग में आने वाले छोटे-छोटे वाक्यों को संस्कृत में लिखें ।
2. गायत्री मंत्र का अर्थ सहित उच्चारण करते हुए एक वीडियो बनाएं।
3. Online कक्षा में पढ़ाए गए सभी पाठों का लिखकर अभ्यास करें व कण्ठस्थ करें ।
4. पाठ १ सुभाषितानि से कोई दो श्लोक अर्थ सहित याद कीजिये।
5. कारक विभक्ति चिह्न (गतिविधि) सुन्दर लिखाई में लिखिये व याद कीजिए ।
6. घटिकाम् दृष्ट्वा समयम् लिखत ।



COMPUTER

1. Practice binary conversions:
 - a) Convert binary to decimal:
 - (i) 1100010
 - (ii) 1001001
 - b) Convert decimal to binary:
 - (i) 63
 - (ii) 92
2. Collect information on Sophia, the humanoid and make a presentation or a webpage using HTML.

FRENCH

1. Make a list of group of verbs in French and give examples on a A4 size sheet
2. Make a list of names of countries and their nationalities on an A4 size sheet
3. Teach French basics to one of your family members and note their feedback.

ART AND CRAFT

Make one 3D best out of waste item using newspaper, magazine papers and fevicol.

YOGA

Note-All the following Asanas to be performed along with your family members to have a wonderful effect as overall. These Yoga Activities will be a great help in rejuvenating yourself.

1 - PRAYANAM --Every morning to perform.

- A) ANULOM VILOM
- B) BHASTRIKA
- C) BHRAMARI
- D) OM CHANTING

2 - ASANAS --Take 2 Asanas per day as target.

- A) ARDH KATI CHAKRASAN
- B) PADHASTASAN
- C) ARDHCHAKRASAN
- D) TRIKONASAN
- E) VRISHASAN
- F) UTKATASAN
- G) BHUJANGASAN
- H) CHAKRASAN
- I) SHALBHASAN
- J) DHANURASAN
- K) VAJRASAN
- L) PADMASAN

3 - SURYA NAMASKAR--Video to be made of the full Asanas of around 2-3 minutes.

4 - EYE EXERCISE-To perform every day twice.

- A) TRATAK
- B) EYE ROTATION, UP & DOWN

5 - MEDITATION -To be practised every morning.