MODEL SCHOOL ROHTAK

Run by - MODEL EDUCATION SOCIETY, ROHTAK

Summer Vacation Homework (2022-23)
Class- VIII

ENGLISH

Dear Children,

We are certain that you will make the most of your mid year get-away with your loved ones. We are appending a couple of intriguing exercises and assignments which you are relied upon to do throughout the break. Compose flawlessly and present your work admirably.

Activity

1. Plant a sapling on World Environment Day, i.e. June 5.
2. Make a video of yourself doing Yoga on International Yoga Day, i.e. June 21.
3. Write biography of any two freedom fighters. Draw or paste pictures also.

Newspaper Activity

Pick out any two words from the newspaper everyday. Write their meanings and make sentences of your own in English Holiday notebook.

Letter writing

1. Write an application to your Principal requesting him/her for leave for a week because of your father's illness.
2. Write a letter of apology to your Class teacher for your misbehavior in class.

Paragraph Writing

1. My favourite Holiday Destination
2. My State : Haryana
3. Global Warming

Revision Work - Revise the following Vocabulary chapters :-

1. Synonyms
2. Antonyms
3. Nation and Nationalities
4. Buildings and Places
5. Idioms

Revise and practice Composition chapters :-

1. Letters to friends and relatives
2. Applications
3. Making Posters
4. Comprehension

Practice cursive writing in your holiday homework notebook.

Suggestive Readings and Movies

Books

The Harry Potter series – JK Rowling
Percy Jackson series or Kane Chronicles (The Red Pyramid) - Rick Riordian
Oliver Twist by Charles Dickens (Penguin Classics)
The BFG - Roald Dahl

Movies

Lion King (2019)
Togo
Baby's day out
Tangled

HINDI

नोट : ग्रीष्म अवकाश गृहकार्य को अलग नोटबुक में करें ।

1. 10 पेज सुलेख लिखें ।

2. हिंदी में **1** से **100** तक गिनती लिखें ।

3. वसंत के **1** से **5** पाठ के आंतरिक प्रश्नों के उत्तर पाठ पढ़कर लिखिए ।

1. ध्वनि कविता के कवि कौन है?

2. कविता में कवि नौजवानों में किसका संचार करना चाहता है?

3. कविता में कलियां किसका प्रतीक है?

4. कांच की चूड़ियां पाठ के लेखक कौन है?

5. बदलू लेखक को किस की रंगबिरंगी गोलियां बनाकर देता था?

6. बदलू की लड़की ने हाथ में क्याप हनी हुई थी?

7. बदलू के जीवन में से उत्साह और उर्जा खत्म क्यों हो गई थी?

8. बस की यात्रा पाठ के लेखक कौन है?

9. बस की यात्रा पाठ में बस की तुलना किस आंदोलन से की गई है?

10. बस की यात्रा करते समय लेखक के मन में किसके प्रति श्रद्धा के भाव उमड़ आए?

11 दीवानों की हस्ती कविता में दीवाने क्या लुटाकर आगे बढ़गए?

12. कवि संसार को क्या देने –लेने की बात कहता है?

13. दीवाने किस का भार लेकर चलते हैं?

14. कवि ने उल्लास किसे माना है?

15. दीवानों को देखकर लोगों के मन में क्या प्रश्न उठता है?

16. प्राचीनकाल में पत्रों का आदान-प्रदान किस प्रकार होता था?

17. गांधी जी के पास पत्र कहां –कहां से आते थे?

18. पिता के पत्रपुत्री के नाम किस ने लिखे थे?

19. पत्र किन्हे सहेज कर रखते हैं?

20. हमारे पत्रों का उत्सुकता से इंतजार कौन करता है?

4. वर्ण के भेदों का रंगीन पेपर और आइसक्रीम स्टिक की सहायता से एक आकर्षक मॉडल तैयार करें।

5. भारत की खोज का पाठ **1** और **2** पढ़े और उस में आए पांच स्वतंत्रता सेनानियों के बारे में जानकारी प्राप्त करके चित्र सहित नोटबुक में लिखें ।

6. कक्षा में अभी तक कियागया सारा कार्य दोहराएं।

MATHS

1. Learn tables from 2 to 30.
2. Revise syllabus done in class.
3. Do activity 1 to 6 of lab manual.
4. Make a working project on any one topic of the following :-
   (a) Maths Model on Multiplicative Inverse
   (b) Maths Model on Additive Inverse
   (c) Maths Model on Geometrical Shapes
   (d) Maths Model on Laws of Exponents
   (e) Maths Model on Algebric Identities
   (f) Maths Model on sum of interior angles of quadrilateral is 360°
5. Collect the information of 5 mathematicians and write 5 points about them.
6. Make a comparative study of the scores of various teams of IPL and represent it in the form of bar graph. Do it from quarter finals to finals.
7.

A grid with magic number 15 is given in the figure where the sum of the rows, sum of the columns and sum diagonally is 15.

2	7	6	→15
9	5	1	→15
4	3	8	→15

15 15 15 15 15

Prepare a grid with magic number 30. You can choose any set of numbers in sequence but the numbers should not be repeated.

Worksheet – 1

Q1. Fill in the blanks:

   a) Rational numbers are numbers of the form_____ where p,q are integers and q≠0.

   b) Rational numbers are not closed under_____.

   c) _____ is called the additive identity of rational numbers.

   d) Zero has _____ reciprocal.

   e) The numbers_____ and _____ are their own reciprocals.

   f) _____ is the multiplicative inverse of $3\frac{1}{9}$.

   g) The rational number that is equal to its negative is _____.

   h) There are _____ rational numbers between any two given rational numbers.

   i) Nine times the reciprocal of a number is 3. The number is _____.

   j) _____ $+ \frac{3}{7} = -1$.

Q2. Write the additive inverse of

   a) $\frac{3}{-9}$ b) $\frac{-6}{-8}$

Q3. Write the multiplicative inverse of

   a) -1   b) $\frac{-13}{19}$

Q4. Verify that –(–a)=a is true for a $= \frac{-19}{21}$

Q5. Verify the property: ax(b+ c) = axb + axc by taking a $= \frac{-3}{2}$, b = -2, c $= \frac{11}{3}$

Q6. Find five rational numbers between $\frac{-1}{2}$ and 2.

Q7. Arrange in ascending order $\frac{-3}{4}, \frac{5}{-12}, \frac{-7}{16}, \frac{7}{-24}$

Q8. Represent $\frac{-5}{6}, \frac{7}{4}, \frac{6}{-11}$ on the number line.

Q9. Find $\frac{3}{7} + \left(\frac{-6}{11}\right) + \left(\frac{-8}{21}\right) + \left(\frac{5}{22}\right)$

Q10. Using appropriate properties, find

   i) $\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$

   ii) $\frac{1}{2} - \frac{1}{5} \times \frac{-2}{3} + \frac{7}{6} \times \frac{-1}{6}$

Worksheet – 2

Section A

1) $4x + 10 = 30$

2) $4x - 8 = 20$

3) $5 + 2x = 65$

4) $9 + 4x = -15$

5) $14 + 6x = 2$

6) $2x - 3 = -2$

7) $5 + 10x = -15$

8) $10 = 7 - x$

9) $-3 = 16 - x$

10) $-4 = 12 - 2x$

11) $25 = 46 - 3x$

12) $8 = 9 - 5x$

Section B

1) $\dfrac{x}{2} + 11 = 19$

2) $\dfrac{x}{7} - 6 = 1$

3) $12 + \dfrac{x}{5} = 20$

4) $3 = \dfrac{x}{4} - 3$

5) $7 = \dfrac{x}{2} - 4$

6) $-2 = \dfrac{x}{8} - 5$

7) $-1 = 6 + \dfrac{x}{2}$

8) $14 - \dfrac{x}{3} = 10$

9) $5 - \dfrac{x}{9} = -1$

10) $\dfrac{x+5}{3} = 12$

11) $\dfrac{x-4}{11} = 9$

12) $\dfrac{x+3}{8} = -2$

Section C

1) $3(x + 2) = 15$

2) $2(x + 5) = 24$

3) $6(x - 9) = 12$

4) $2(3x + 5) = -44$

5) $5(4x - 3) = 11$

6) $-3(2x + 1) = 21$

7) $-9(x - 4) = 54$

8) $7(x - 4) - 3 = 46$

9) $2(3x - 1) + 3 = 21$

10) $2(x + 1) + 3x = 37$

11) $12 + 4(2x + 4) = 68$

12) $3x - 2(6x - 3) = 42$

Section D

1) $x + 8 = 3x$

2) $6 + x = 2x$

3) $10 + x = 6x$

4) $3x - 24 = 5x$

5) $4x + 7 = 6x$

6) $9x + 13 = 7x$

7) $12x - 5 = 7x$

8) $5 - 2x = 8x$

9) $2 - 4x = 6x$

10) $4(x + 3) = 7x$

11) $5(2x - 1) = 16x$

12) $3(6x + 4) = 2x$

Section E

1) $9x + 2 = 4x + 12$

2) $5x + 4 = 31 + 2x$

3) $12 + 3x = 8x + 3$

4) $20 + 2x = 6 + 9x$

5) $7 + x = 13 + 4x$

6) $5x - 3 = 2x + 6$

7) $5x - 6 = 18 - 3x$

8) $8 - 2x = 4 - 6x$

9) $4x - 21 = 6x - 3$

10) $x - 3 = 1 + 7x$

11) $9x - 5 = 7 - 4x$

12) $-8x + 4 = -26x + 1$

SCIENCE

1. Collect information about sundial and prepare your own sundial using simple materials.

2. Paste different type of agriculture tools and write their uses.

3. **Visit a farm/field near your home and gather information from farmers regarding the crops they grow, Tools they use for growing and harvesting and the problems they are facing these days.**

4. Collect the labels from the bottles of jams and jellies. Write down the list of contents printed on the labels.

5. Make a sustainable bag and bring it to class.

6. Revise the syllabus done in class and find 10 short question answers of each chapter and write it in your classwork notebook.

Note - The Holiday Homework should be done in a scrap book neatly

Social Science

Project 1: Cultures around the World.

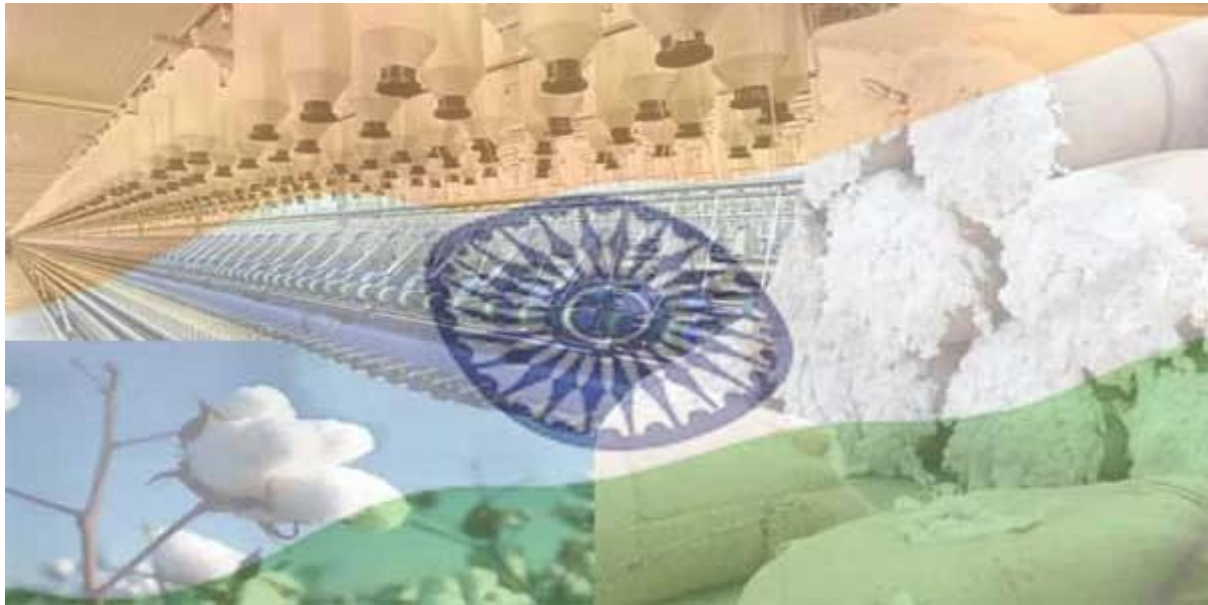**"Celebrating different cultures and traditions is important for all students."**

Followingis the activity to enrich student's knowledge about the same.

How to do: Prepare a chart in the project file listing about the fascinating and Interesting holidays around the world.

Details

✓ Select any one country each from the following continents: Asia, Europe, Africa, North America, South America and Australia.

✓ Now list any two national holidays for each country selected above.

✓ For each holiday selected, give detailed description and the reason for theCelebration of respective festival or event.

✓ You are required to give the date for holiday (if any)

✓ Explain the reason of the national holiday, explain how is it celebrated (if it is a festival), why it is celebrated, when it is celebrated and where it is celebrated.
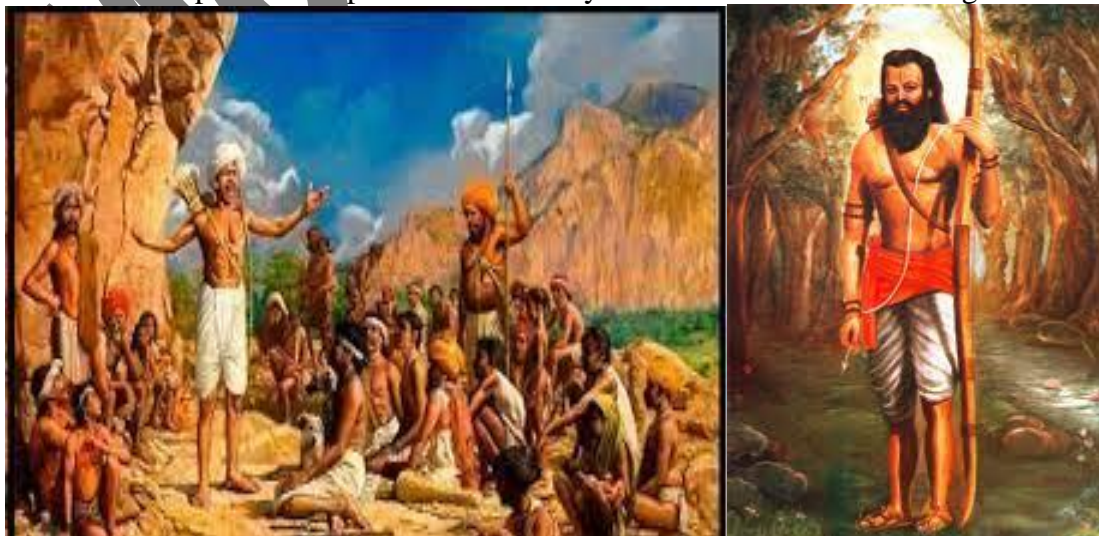

PROJECT 2: JOURNEY OF COTTON FROM FIELD TO FABRIC

Make a project depicting History of cotton textile in India.

Trace the history of cotton industries in India.

Note: Include the following points:

    A. Introduction
    B. History
    C. Characteristics
    D. Favourable factors affecting the growth of cotton (state any 3)
    E. On the political map of India mark any three states where cotton is grown.

Project 3: Research work

Gather information about Birsa Munda and Alluri Sita Ram Raju.

What were their similarities and dissimilarities?

Write Biography on any one.

REQUEST TO PARENTS:

Summer vacation time is an opportunity to spend the quality time with your child and make him/her feel special of his unique identity..

So just spare sometime and do the following:

• As parents and teachers, we understand the importance of developing the habit of eating healthy food. This is the best time when children can enjoy the healthy food with the family.

• Engage them to learn music/dance/theatre/ any other dance form with love and humility.

• Talk about the importance of parents and elders. Have at least 4-5 meals together.

Remember

"Every action is important and every deed is vital….."

Wishing all the students a joyful learning, revise the syllabus done in class and Happy Holidays!!!!

General Knowledge

1. Paste picture of great personalities of the world and India. (At least 15) Write what is common among all these great people.

2. Write an article to aware of the dangers of global warming.

3. Write 20 new good thoughts.

4. Collect the information about sea animals & paste pictures

5. Read newspaper daily.

6. Prepare a collage on powerful women of world.

7. Share your holidays with us, and write a journal of at least a fortnight of your holidays. You can supplement it with photographs and souvenirs from your trip. E.g: If you visit the beach you can stick shells into your journal or If you went to a mountain you can stick a fern or a flower to support your work.

Information Technology

1. Make a PPT having eight slides on "Network Topologies" including diagram of each topology. Save the presentation as Network Topology and mail this.

2. Design a Birthday Card for your friend in Adobe Photoshop. Add relevant images from the Internet and then edit it accordingly to make the card more attractive.

3. Find out ten one-word Ques/Ans from Ch.1 & Ch.2 each and write them in a separate notebook.

Mail-id for task-1 and task-2 : teachclass88@gmail.com

Drawing

- Draw any 7 sketches in your Sketch Book.
- Paint a T-Shirt with any social message on it.
- Make 5 book marks with motivational quotes on it.
- Make a flower bouquet Paper craft.
- Make a beautiful Rangoli on a cardboard. Students can use paper Quilling or any other embossed technique.

Sanskrit

1. पाठ 1 से 4 तक शब्दार्थ लिखिए और याद करें।

2. संस्कृत में 1 से 100 तक संख्यावाची शब्द (गिनती) लिखिए।(in fair notebook)

3. ' डिजीटल इन्डिया' पाठ के आधार पर एक सुंदर और आकर्षक चित्र बनाकर इसके उद्देश्य और लाभ पर पांच वाक्य लिखिए।

4.' मम मित्रम् ' पर संस्कृत में पांच वाक्य लिखिए।

5. पाठ 1 से 3 तक हिंदी अनुवाद और अभ्यास सहित याद करें।

(सुंदर लेखन के अतिरिक्त अंक दिए जाएंगे ।)

Q _ 1 , 3 and 4 (Do in scrap book)