CLASS: VIII

Vacation is great to rejuvenate yourself but do try and remember the following points:

- Commence your day with the blessings of your parents by touching their feet.
- Play outdoors every evening.
- Spend quality time with parent, grandparents and cousins.
- Eat well and follow a salubrious lifestyle.
- Sleep well(at least 8 hours of sleep)
- Read Newspaper daily and solve CROSSWORD and SUDOKU.
- We have prepared your homework in a way that makes holidays even more interesting for you. The fun filled activities are given to you surely be the page-turners.
- 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 car, watering the plants. Though we will miss you and your chatter and laughter definitely, we wish you a **HAPPY** and **HAPPENING SUMMER BREAK**.

Enjoy and take care of yourself!
Be safe and healthy

HOLIDAYS HOMEWORK
SUBJECT: ENGLISH
SESSION: 22-23

GRADE: VIII

1. **GETTING FUTURE READY (AIL BASED)**
   Analyze any working model at your home (washing machine, cars, induction, hair dryer and so forth) and write its mechanism.

2. **SELF CREATED DICTIONARY**
   Make your own dictionary and write 50 phrases, 40 synonyms, 40 new words with meaning and sentences, 30 idioms.

3. **INVESTIGATE JOURNALIST**
   Prepare a questionnaire and interview any high ranked officer/journalist/teacher/parents on 'Importance of English in this modern epoch....'

4. **CREATIVE WRITING**
   - Use your creativity and imagination and spin an amazing story of about 250 words. Let your creativity flow, characters take shape, plot/ theme, expression, vocabulary embellished. 'Childhood Memories......'
   - Create your own poem.
     (Emphasis on moral, tone, type and poetic devices)
   - Write a letter to the PM of your country appealing for the conservation of heritage sites.

5. **LYSICS JIGSAW (AIL BASED)**
   Write two popular English songs (Contemporary music or pop music), jigsaw the lyrics and create your own song.

6. **BOOK REVIEW**
   Following are some renowned authors of Science fiction:
   - Isaac Newton
   - Arthur C. Clarke

Read a book of any of these authors; design a book cover and book review. (Enclose your review in the book cover)

7. **Let's write in cursive**

   Write one page of cursive writing daily. (It should be in proper cursive and very neat and clean)

8. **Reading Time (Smart Score Book)**
   Read the comprehension and answer the questions on smart score book (Page No.2-10)

GRADE: VIII

।. हिंदी भाषा के महत्व को दर्शाते हुए एक सुंदर- सा नारा लिखें।

2.अनुच्छेद-लेखन

क.मेरा भारत महान

ख. शिक्षा का महत्व

3.प्रतिदिन एक पृष्ठ सुलेख कार्य करें।

4. अपने शब्दकोश में वृद्धि करते हुए प्रतिदिन कोई चार नवीन शब्द अर्थ सहित लिखें तथा अपनी दिनचर्या में उनका प्रयोग करें।

5.क्रिया-कलाप

क.भारतीय संस्कृति की झलक को दर्शाते हुए चित्र सहित स्वरचित कविता लिखें।

6.क्रिया-कलाप

ख.हिन्दी साहित्य के कोई चार प्रमुख (कवि या लेखक) बारे चित्र सहित संक्षिप्त जानकारी देते हुए उनकी रचनाओं का उल्लेख करें।

7.अपठित गद्यांश करें-

अमोद-भाग-8 पृष्ठ-144

<u>नोट</u> - सारा कार्य एक नई पुस्तिका में करें और कक्षा में करवाया गया सारा कार्य आत्मसात् करें।

GRADE: VIII

1. Use different geometrical shapes to create two house miniatures i.e. one of Pacca house and other of kutcha house. Write difference between the two house miniatures at least ten points. Also describe your dream house in yours own words.

2. Students to construct triangles of various sizes (by using straws, matchsticks, Ice-cream sticks etc.) .Record the lengths of the three sides for each triangle. Analyse your observations, identify the type of triangle and paste it on A4 size sheet.

3. Compare the performance of your two favourite IPL teams on the basis of their – number of matches won, maximum number of sixes, orange cap & purple cap winners of last 5 years. Collect, represent and analyse the data with the help of bar graphs.

4. Collect the height (in cm) and weight (in kg) of 12 to 15 members of your family calculate the average height and average weight for the collected data.

5. A Mandala is a geometric design used in Hinduism and Buddhism to help meditation. It is like a religious pattern of the universe.
   Procedure: - Start at the centre. Draw patterns using any symmetry of your choice, and fill them in. Continue adding patterns as you move further from the centre.

Write a brief history on Mandala Paintings with examples.

VALUE BASED QUESTIONS

1. The students of Class VIII of a school donated Rs.2401 in all, for Prime Minister's National Relief Fund. Each student donated as many rupees as the number of students in the class. Find the number of students in the class. **Mention the value you depict from this.**

2. In 8th class, students thought of planting trees in and around the school to reduce air pollution. 2025 plants are to be planted in a garden in such a way that each row contains as

many plants as the number of rows. Find the number of rows and the number of plants in each row. **What values are imbibed by this initiatives**

ACADEMIC ASSESSMENTS

1. There are 500 children in a school. For a P.T. drill they have to stand in such a manner that the number of rows is equal to number of columns. How many children would be left out in this arrangement?

2. Find the square roots of 144 and 225 by the method of repeated subtraction.

3. Observe the following pattern and find the missing numbers. $11^2 = 121$

   $101^2 = 10201$

   $1001^2 = 1002001$

   $100001^2 = 1 …….2………1$

   $10000001^2 = ……………………..$

4. Re-arrange suitably and find the sum :

   $11/12 + -17/3 + 11/2 + -25/2$

5. The sum of the two numbers is 5/9. If one of the numbers is 1/3, find the other.

6. The product of two rational numbers is 15. If one of the numbers is -10, find the other.

7. By what number should -33/16 be divided to get -11/4?

8. Write the cubes of 5 natural numbers which are multiples of 3 and verify the followings:
   "The cube of a natural number which is a multiple of 3 is a multiple of 27'

9. Find the smallest number that must be subtracted from those of the numbers in question 2 which are not perfect cubes, to make them perfect cubes. What are the corresponding cube roots?

10. Prove that if a number is trebled then its cube is 27 time the cube of the given number.

GRADE: VIII

- **Character of different synthetic fibres from daily life.**

Find out the characteristics of different types of synthetic fibres used in daily life and categorise them according to their properties.

Procedure:-

1. Collect at least 10 different types of synthetic fibres used in household work in day to day life.
2. Find out their physical characteristics and enlist them in tabular form.
3. On the basis of their properties categorise them and try to find out the type of synthetic fibres.
4. Write their use in daily life.
   ➢ **Make a Project file.**

- **Harmful effects of Plastics.**

Slogan and poster writing on "Say No to Plastics save Mother Earth."

Imagine you have been asked by the government to develop a Campaign "Say No to Plastics save Mother Earth" and give up "plastic bags".

Think about how you will convince people who have no science background about harmful effect of plastic. You can include the following points:

1. Use of plastics has increased in developing countries.
2. Non-biodegradable nature of plastics.
3. Harmful gases extracted after burning of plastics.
4. Environmental effect of plastics.
5. Pollution
6. Write a slogan and design a poster for your campaign.

- **Recycling of paper.**

To prepare the recycled paper from waste paper

a. Collect the waste paper and make pulp of it by soaking in water
b. Grind it.
c. Through the sieve remove the extra water and dry it.
d. Correlate how much waste paper is generated by you in a day and how much can be saved by this activity.

- **Junk Food**

To study the effects of consuming junk food on the health.

a)

Collect the samples of junk food like burger, French fries. Chips, Aerated drinks.

b) Find out the dietary ingredients and their quantities present in them.

c) Compare them with the daily requirement of a normal person

d) Find out their effects on the human body.

e) They contain more dietary components than the daily requirement. Why?

> **Prepare a Report.**

- **Prepare a Guitar of any box of any shape.**

Take an empty shoe box, rubber bands of different thickness, ruler/stick. Make a circular hole of 4 cm radius in the cover of the box. Stretch the rubber bands around the box as shown.

Attach the ruler/stick to back of the box on one end to act as the arm of the guitar. To play, pluck the rubber bands one by one. Find out which one produces the sound of lowest pitch? The thickest or thinnest.

GRADE: VIII
INSTRUCTIONS

1. Students may pick up any 3 activities of their own choice and interest.
2. The holiday's homework to be done on the assignment sheets.
3. Parents are requested to only guide their children while doing the activity.
4. Make the assignment in a very neat and presentable manner.
5. The child will be assessed for the presentation, neatness and timely completion and submission of the activity.
6. Students are requested to use home material which is easily available at home.

	ACTIVITIES
1.	**Protecting our Earth- Flip Book** **How to do: Prepare a flip book on the topic protecting our earth of around 10 sheets.** **Details:** 1. **For the first five sheets of the flip book, prepare 'to do list for the planet Earth' i.e. what can be done and needs to be done to make earth a better place to live in (general points).** ▪ **Prepare list to save our resources i.e. land, soil, water, energy, air, environment, plants, and animals.** 2. **For the second half of the flip book i.e. next five sheets, list all the steps that the student and parent has done or taken initiative (in summer break/ in general) to make earth a better place to live in.(specific steps):** ▪ **Like efforts to switch off the lights whenever not in use.** ▪ **Use of bicycle by student in order to commute to nearby places rather than using car or any other vehicle which produces smoke and hence air pollution.** ▪ **Also paste pictures if possible for specific efforts taken in order to make earth a better place to live in.** ✓ **Where to do: Use 5 A3 size sheets, divide them in half in order to prepare a flip book (Use colourful sheets). The cover page of the flip book has to be really attractive.**
2.	**Make a time- line of modern History.** **(Use charts and pictures)**

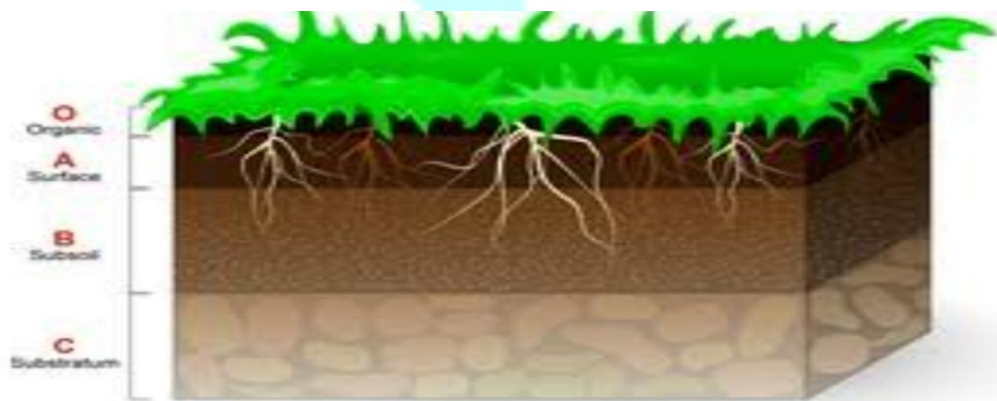| 3.	**Create a home Library that's pretty and smart.**
	  • **Arrange books by color.** • **Include comfortable seating.** • **Have a curtain as backup and adequate lighting.** • **Install creative shelving.** • **Create library as reading nook.** **Create a hallway home library as books are easily accessible as aesthetic and is our best friend. Click the picture of your home Library and paste the same on an A4 size sheet.**
4.	**Soil Profile** Make a 3D model of different layers of soil.
5.	**Poster Making** Make a poster on any of the following themes :- • Water is precious • Child labour - A crime • Environment Protection • Secularism • Heritage of India • Freedom Fighters
Revision	Revise chapters of history, civics and geography done in the month of April and May.

HOLIDAYS HOMEWORK
SUBJECT: MAIN URDU
SESSION: 22-23

GRADE: VIII

سوال1- ااقبال کی حالاتِ زندگی بیان کرتے ہوئے اُن کی شعری خصوصیات کو بیان کرے۔

سوال2- اپنی امّی کے ساتھ اپنی پسندیدہ پکوان تیار کرے اور وہ کس طرح بنایا اس کی تفصیل لکھیے۔

سوال3- حروف تہجی کے کوئی بھی پانچ حروف لے کر اُردو لغت تیار کریں اور ہر ایک حروف کے دو الفاظ کے معنی کاپی پر لکھیے ۔

سوال4- سارے سبق کی دہرائ کریں۔

HOLIDAYS HOMEWORK
SUBJECT: ALLIED URDU
SESSION: 22-23

GRADE: VIII

❖ **LEARN AND WRITE**

1- حروفِ تہجی-   (Pages -10)

2- حروف کی آدھی شکلیں (Pages -10)

3- پڑھائے گئے اسباق کی دہرائی کریں ۔

GRADE: VIII

1 कर्म पर कोई चार श्लोक संस्कृत मे लिखो l

2   5 पृष्ठ सुलेख संस्कृत में लिखें l

3 कक्षा में कराया गया सारा कार्य आत्मसात करें l ,

GRADE: VIII

1. Creative graphics design for Social Media Post ideas on Independence Day.

2. Create a model on Computer network.

3. Collect the information about hub and switches using internet. Prepare a chart to describe the difference between them.

   ⚜ **Parameters** – Creativity, overall appearance.

   ⚜ **Note**: Mail the activity on the email ID: kawalpreetkaur157@gmail.com

   ⚜ **Subject of the mail should be**: your name, Class &Sec. roll no. (E.g.,kritika Sharma 8A 12)

INSTRUCTIONS:

➢ The holiday homework to be done neatly.

➢ Students are supposed to mention their names, class, roll no. at the beginning of the homework.

➢ Homework to be done in A4 size sheet for science and maintain separate notebooks for rest of the subjects.

➢ Do all the activities carefully and smartly

Thank you