

**CLASS: VIII**

## **SUMMER HOLIDAY HOMEWORK (2023-24)**

**NOTE: - ALL THE WORK ASSIGNED WILL BE DONE IN SCHOOL PROJECT FILE.**

### **SOCIAL SCIENCE**

Monuments remind us of our heritage. They are like a treasure for a nation and a symbol of pride in their civilization. They help us to appreciate our past and the level of development, knowledge and thoughts. In a way, they provide life to our past.

1. Make Wall Magazine on “Historical events of freedom movement of India from 1857 to 1947”

Can also paste a picture.

2. Make a scrapbook on “Historical monuments of Rajasthan”

- a. Jal Durg - Gagron
- b. LohagarhDurg - Bharatpur
- c. MehrangarhDurg - Jodhpur
- d. Forest Fort - Sivana Fort
- e. Kumbhalgarh Fort – Rajsamand

3. Will read and prepare the chapters thought.

Art-integration is a cross-curricular pedagogical approach that utilizes various aspects and forms of art and culture as the basis for learning of concepts across subjects. As a part of the thrust on experiential learning, art-integrated education will be embedded in class room transactions not only for creating joyful classrooms, but also for imbibing the Indian ethos through integration of Indian art and culture in the teaching and learning process at every level. This art-integrated approach will strengthen the linkages between education and culture.”

**Under this project \*Ek Bharat Shrestha Bharat\* Programme of Government of India has paired State/UT, for Rajasthan is Nagaland.**

Groups have been already allotted to the students. Do a comparative study and adorn your file with beautiful hand made pictures or print outs and research over the given topic.

4. Students will do this project in their project file.

## SCIENCE

Biodegradable plastics are plastics that can be decomposed by the action of living organisms, usually microbes, into water, carbon dioxide, and biomass. Biodegradable plastics are commonly produced with renewable raw materials, micro-organisms, petrochemicals, or combinations of all three.

Today's scenario it's important to save our planet because due to much consumption of plastics our ecosystem is disturbed.

Keeping this in your mind do research on following topic and come up with innovative ideas to keep our planet clean and green. Collect the information from media, newspaper, magazines, etc. and answer the following questions and attach this information in your project file. You can support your answer with pictures/graphs.

1. What is biodegradable plastic and how does it differ from other types of plastic?
2. Explore ways to make biodegradable plastics using natural materials such as starch, cellulose, and chitin.
3. Why do we need biodegradable plastics?
4. Can biodegradable plastics replace plastics?
5. Write the various ways to recycle bio plastic.

## HINDI

1. समाचार पत्रों से किसी क्रिकेट खिलाड़ी का साक्षात्कार पढ़ें और प्रसिद्ध महिला क्रिकेटर मिताली राज का संक्षिप्त परिचय देते हुए उनसे बताएं कि यदि आपको उनका साक्षात्कार लेने का मौका मिले तो कौन-कौन से सवाल पूछेंगे।
2. कोई एक स्वरचित कविता कहानी लेख यात्रा वृत्तांत लिखिए चयनित रचनाओं को विद्यालय पत्रिका में स्थान दिया जाएगा।
4. अनेक शब्दों के लिए एक शब्द लिखिए। (1 से 20 तक)
5. श्रुतिसमभिन्नार्थक शब्द लिखिए। (1 से 20 तक)
6. अनेकार्थी शब्द लिखिए (1 से 10 तक)

## MATHEMATICS

### Q.1 LAB MANUAL ACTIVITY (to be done in maths lab manual only)

Activity no.1 To verify the algebraic identity  $(a+b)^2 = a^2+2ab+b^2$

Activity no.2 To verify the Algebraic identity  $a^2-b^2 = (a+b)(a-b)$

Note: Q.2 and Q.3 (to be done in maths note book)

**Q.2** What is meant by Quadrilateral? Name and draw special types of quadrilaterals with properties.

### Q.3 Solve and find the answer

i) What properties, the following expressions show? (i)  $2/3+4/5=4/5+2/3$  (ii)  $1/3 \times 2/3 = 2/3 \times 1/3$

ii) If  $a = 12$ ,  $b = 34$ , verify the following: (i)  $a \times b = b \times a$  (ii)  $a + b = b + a$

iii) Find which of following are rational numbers:  $67$ ,  $-1/2$ ,  $0$ ,  $1/0$ ,  $100/0$

iv) Find the reciprocal of the following rational numbers: (a)  $-3/4$  (b)  $0$  (c)  $6/11$  (d)  $5/-9$

v) Identify the linear equations from the given expressions:

(a)  $x + 2 = 2$  (b)  $3x + 5 = 11$  (c)  $5 + 7 = 12$

vi) Find five rational number between  $1/2$  and  $1/3$

vii) Multiply  $5/8$  by the reciprocal of  $-3/8$

viii) Write any 5 rational numbers between  $-5/6$  and  $7/8$ .

ix) An employee works in company on a contract of 30 days on the condition that he will receive rupees 120 for each day he works and he will be fined rupees 10 for each day he is absent if he receives rupees 2300 in all for how many days did he remain absent?

x) A number consists of two digits whose sum is 12. If 18 is added to the number the digits are reversed. Find the number.

**Q.4** Looking at the tables given below make the grids for square of 5 in your project file.

$2^2$		$3^2$		
1	2	1	2	3
3	4	4	5	6
		7	8	9
$2 \times 2 = 4$		$3 \times 3 = 9$		

## ENGLISH

1. Read and write the headlines of newspaper from 1 June to 30 June.
2. List down and write the names of the awards which are given to English writer's .Also make a list of some of the literary icons who have won the noble prize for literature in last ten years long with their nationality. Paste their pictures.
3. Prepare a Dictionary writing minimum three words of each alphabet (new words) with meaning to enhance the vocabulary. Cover it with beautiful cover .
4. Burlington app-
  - a. Learn three words daily from academic list of Burlington App and mark them in your personal words list .
  - b. Will solve Ch no 1 to 4 grammar worksheets.
  - c. Course book Ch no 1 and Poem 1 on app

## FRENCH

- 1) Draw / paste 6-7 pictures related to verbs and then make sentence with the verb  
For example : draw / paste picture related to “boire –to drink “ and then write a sentence with the verb boire as “ je bois du café “
- 2) Write a quote/thought in French and decorate it
- 3) Find out and write in file
  - a) Name of any Famous French painter
  - b) French city famous for aerospace industry
  - c) Biggest port city of France
  - d) Who will be the official guest this year on French national day ( 14th july 2023
  - e) When and where( name of city and venue ) the 76th Cannes Film Festival was held.

Workbook

Do question and answer of Ch 1 and Ch- 2 in workbook ( Enchanté 3 cahier d'exercices)

## SANSKRIT

- 1 कोई भी शिक्षात्मक दो श्लोको को सुंदर अक्षरो में लिखे तथा श्लोक से सम्बन्धित चित्र भी लगाए।
  - 2 तुलसी के पादप से बने दो उत्पादक के चित्र लगाए तथा तुलसी का चिकित्सा पक्ष के विषय में तथ्य लिखिए |
- व्याकरण पुस्तक – पाठ -4,5,6,7 पुस्तक में करें |

## COMPUTER

1. Write a python program to create a calculator using conditional statement (if-elif-else) in python.  
Also write the output using different operands and operators.
2. Prepare a chart of basic electronic components (paste pictures and write a little description of each)

## MORAL SCIENCE

Involving children in domestic chores is very important to teach them a sense of responsibility, gain valuable skills or money management. Chores are vital in a child's childhood, and children should do chores.

During this summer break let's take up some responsibilities. Learn to help your parents in domestic duties by taking up the tasks of

cleaning your room

arranging clothes and books

arranging the shoe rack

watering plants

buying grocery

taking care of elder ones in the house etc.

Present a record of the responsibilities performed by you in the form of pictures and write ups.

**NOTE: -The above mentioned work will be assessed under the head Subject Enrichment Activity as a part of TERM – I results.**