



**Holiday Homework
Class VIII**

Have a great
Summer
Vacation!

**Time for some holiday fun,
Time for some play,
Summers are the time to chill,
And play a lot with clay,
Castles in the sand for sure,
Sun block would be the only cure,
In the summer's heat,
Happy Summer Season!**



ENGLISH

1. April & May Art-integrated activity

JAM

The Land of the Rising Sun: Why is Arunachal Pradesh called this, and what does it feel like to witness the first sunrise in India?

Topic: 'Tourism Letter Project'

Activity: Write a formal letter to: Tourism Department of Arunachal Pradesh

Ask about:

- Best places to visit
- Travel rules

2. "Old Stories, New Voice."

Every family has amazing stories. Talk to a grandparent or an elder, and ask them to tell you about something important that happened to them. Then, you will write that story down in your own words and share it with the class.

3. Book Reading

The Secret Garden by Frances Hodgson Burnett

The story is about a lonely girl named Mary Lennox who discovers a hidden garden. As the garden slowly comes back to life, the people around it also begin to change emotionally and mentally.

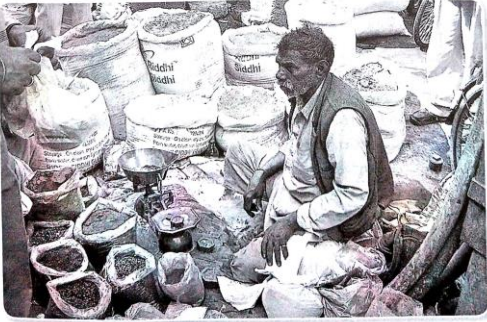
- The garden changes the lives of the characters without speaking a single word. How can nature heal people emotionally and mentally?
- Mary changes from selfish and rude to caring and confident. Do you think people change more because of places or because of the people they meet? Explain.

4. Comprehension Activity

Complete Comprehension Activity 1 given on page no. 54 of the activity book.

5. Picture Composition

What is happening in this picture? Describe the scene.



6. Revise all the work done in the class.

HINDI-

पठन कार्य

अपने पाठ्य पुस्तक मुग्धा में से 'महायज्ञ का पुरस्कार' कहानी को पढ़िए और लिखिए कि इस कहानी से आपको क्या शिक्षा मिली अपनी उत्तर पुस्तिका में लिखिए।

2-लेखन कार्य

दिए गए शीर्षक पर 100 शब्दों में अनुच्छेद, उत्तर पुस्तिका में लिखिए।

- ◆ मेरे जीवन का अविस्मरणीय दिन
- ◆ मेरा प्रिय खिलाड़ी

3-रचनात्मक कार्य

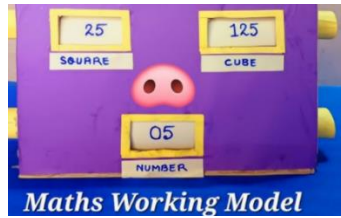
'युद्ध नहीं हमें शांति चाहिए' शीर्षक से पोस्टर बनाइए तथा संबंधित नारा लिखिए।

4-व्याकरण

- ◆ A4 size शीट पर दो घड़ा बनाकर एक में ह्रस्व स्वर और एक में दीर्घ स्वर दर्शाइए।
- ◆ अपनी उत्तर पुस्तिका में भारत के किसी दस राज्यों के नाम लिखकर उसके आगे वहां बोली जाने वाली भाषा का नाम लिखिए

MATHS-

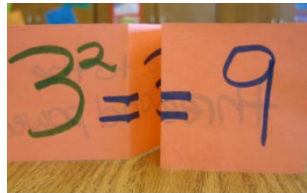
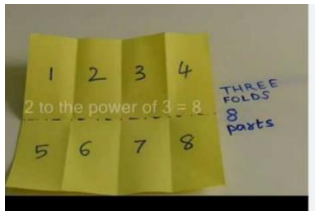
1.SQUARE AND SQUARE ROOT – i) Working Model of square root.



ii) Learn the square from (2-20)

iii) Learn cube from(2-15)

2.EXPONENTS – Folding the origami sheet to proof the square



3.NUMBER PLAY: Choose any two -digit number. (eg 32) Reverse the digit. (23) Add the two numbers together (32 + 23=55) divide the result by 11. There will never be a remainder.

4.ART INTEGRATED ACTIVITY – Calculate the square root by long division method of population of different states Arunachal Pradesh of year 2025.

NUMBER Play: Worksheet – to be done in note- book

1. Which expression always represents a multiple of 9?
(a) $9n$ (b) $6n + 3$ (c) $3n$ (d) $9n + 1$
2. A number is written as $5k + 2$. What remainder will it leave when divided by 5?
(a) 0 (b) 1 (c) 2 (d) 5
3. If a number is divisible by both 4 and 6, then it must be divisible by
(a) 8 (b) 12 (c) 18 (d) 24
4. Which number will leave the same remainder as 983 when divided by 9?
(a) 2 (b) 11 (c) 20 (d) 8
5. Which of the following numbers is divisible by 11?
(a) 57299 (b) 38461 (c) 91827 (d) 74352
6. The digital root of 46899 is
(a) 9 (b) 3 (c) 6 (d) 8
7. Which of the following numbers is always odd?
(a) $2n + 1$ (b) $4n$ (c) $6n$ (d) $8n + 2$
8. Which of the following numbers is divisible by both 3 and 11?
(a) 235 (b) 190 (c) 363 (d) 275

Choose the correct answer out of the following choices.

- (a) Both A and R are true and R is the correct explanation of A.
- (b) Both A and R are true but R is not the correct explanation of A.
- (c) A is true but R is false.

(d) A is false but R is true.

9. **Assertion (A):** Every multiple of 10 is divisible by 5.

Reason (R): $10 = 5 \times 2$.

10. **Assertion (A):** If the sum of digits of a number is divisible by 3, then the number is divisible by 3.

Reason (R): Every place value of a number differs from its digit by a multiple of 3.

11. Write the general form of a number divisible by 8 and give two examples.

12. Prove that the sum of two multiples of 5 is also a multiple of 5.

13. Find the remainder when 735 is divided by 9.

14. Write two numbers that leave remainder 3 when divided by 4.

15. Find the smallest number that leaves remainder 1 when divided by 4 and remainder 3 when divided by 6.

16. Explain why divisibility by 9 implies divisibility by 3, but not vice versa.

17. Show that the product of three consecutive numbers is divisible by 6.

18Case Study-1: Digital Root Game

In a digital root game, the teacher wrote several large numbers on the board and asked students to find their digital roots. Ramesh noticed that whenever the digital root was 9, the number was divisible by 9. This observation helped students verify divisibility quickly without long division. The activity strengthened their understanding of place value and digit behaviour.

(a) Find the digital root of 99972.

(b) Is the number divisible by 9?

(c) Explain the reason behind this rule.

(d) Give another example of a number with digital root 9

SCIENCE –

Portfolio Activity

1. Observe and identify the basic components of a cell in an onion peel and draw neat labelled diagrams.

2. List all the groups of microorganisms and write their features. Also paste two pictures of organisms from each group.

Art Integrated Activity:

Compare health practices, common diseases, their prevention, cure, health and personal hygiene in Uttar Pradesh and Arunachal Pradesh. Show it with the help of artistic presentation through drawing, collage, pictures in a scrapbook.

Note: All work should be done in a single scrapbook.

Also revise the following chapters:

Chapter 1: The Invisible Living World I – Cells

Chapter 2: The Invisible Living World II – Microorganisms

Chapter 4: Electricity – Magnetic and Heating Effects

SOCIAL SCIENCE-

General Instructions

Do all work neatly in SST notebook.

Use coloured pens/pictures/maps wherever required.

Write in your own words.

Complete the work creatively and submit after summer vacation.

SECTION A – HISTORY

1. Timeline Activity

Prepare a colourful timeline showing any 10 important events of Modern Indian History from 1757 to 1947.

Example:

Battle of Plassey

Revolt of 1857

Non-Cooperation Movement

Quit India Movement etc.

2. Picture Research

Paste or draw pictures of any 3 freedom fighters and write:

Name

Contribution to freedom struggle

One inspiring quote

SECTION B – GEOGRAPHY

3. Map Work

On an outline political map of India, mark:

Himalayan Mountains, Northern Plains, Thar Desert, Ghats, Eastern Ghats, River Ganga, River Brahmaputra

4. *Art Integrated Activity* (Arunachal Pradesh & Uttar Pradesh)

Prepare a colourful comparison collage/poster showing the culture of Arunachal Pradesh and Uttar Pradesh through their traditional dress, food, dance, festivals or famous art forms. Paste/draw pictures and write 4–5 lines comparing both states creatively.

5. Disaster Awareness Poster

Make a poster on any one:

Flood Safety

Earthquake Safety

Cyclone Preparedness

Write 5 safety measures.

SECTION C – CIVICS / SOCIAL & POLITICAL LIFE

6. Responsible Citizen Activity

Write any 10 duties of a responsible citizen.

CT & AI -

Instructions:

- Complete the following activities as directed.
- Submit your work in a file or notebook.
- Be creative and use your own words.
- You may include printed images, drawings, or screenshots.

Activities:

Poster Making

1. Make a colorful poster on any one topic:

* “AI for Better Future”

* “Responsible Use of AI”

* “Smart Technology in Daily Life”

2. If you had an AI assistant, what would you want it to help you with in your daily life?

3. AI Around Me

Paste/draw pictures of any 5 AI applications used in daily life and write one use of each.

Examples:

* **Smart speaker**

* **Face recognition**

* **Smart camera**

* **Recommendation system**