

**RAMA DEVI INTERNATIONAL SCHOOL**  
**GREATER NOIDA WEST, SESSION 2025-26**  
**CLASS: VIII**



**SUBJECT: SOCIAL STUDIES**

- **Social and Political Life:** Prepare a chart showing different Fundamental Rights and Fundamental Duties describe in our constitution.
- List some examples showing different fundamental rights. (Case Based Question).

Code	Suggested Activities	Topics
1.1.8	<ul style="list-style-type: none"><li>• Study and use of various media and techniques to the extent of their availability.</li></ul>	<ul style="list-style-type: none"><li>• Use different media as a source for information for different sources in our environment i. e Natural and Man – made resources. (including their images).</li></ul>

- **Geography:** list some innovative methods to conserve land and wildlife.
- List some of the benefits of sustainable development.

**SUBJECT: Science (Biology)**

**Art integrated Activity 1.1.1**

1.Fruits and vegetables of Arunachal Pradesh ( Roll no.15-18)

2.Beverages of Arunachal Pradesh (Roll no.19-23)

Note: Project should be submitted on a A4 size paper which should be handwritten.

Following content should be covered in the project

Cover page

Title

Acknowledgement

Certificate

Theory

Diagram

Thank you page

**Working model**

1.project to list vaccination given to children up to the age of 10.

2.Project to make a list of bad habits that can turn into addiction in adolescents and make a report.

3.Project to make a list of animals found in Sanctuary or National park and group them as endemic and endangered species.

Note: You can choose any other working model according to your convenience.

**Subject - Science (Chemistry )**

Instruction : Following work to be done in notebook.

3. Give two examples of each of the following.

- (a) Solid fuels
- (b) Gaseous fuels
- (c) Liquid fuels
- (d) Combustible substances
- (e) Non-combustible substances

4. Give reasons for each of the following statements.

- (a) Water is commonly used to put out a fire caused by paper or wood.
- (b) Water should not be used to put out a fire caused by electricity.
- (c) The outer zone of a flame is bluish in colour.
- (d) A goldsmith blows the outermost zone of a flame with a metallic blowpipe to melt gold pieces.

### **Art integrated work (1.1.8)**

❖ Below activity to be done per the roll numbers.

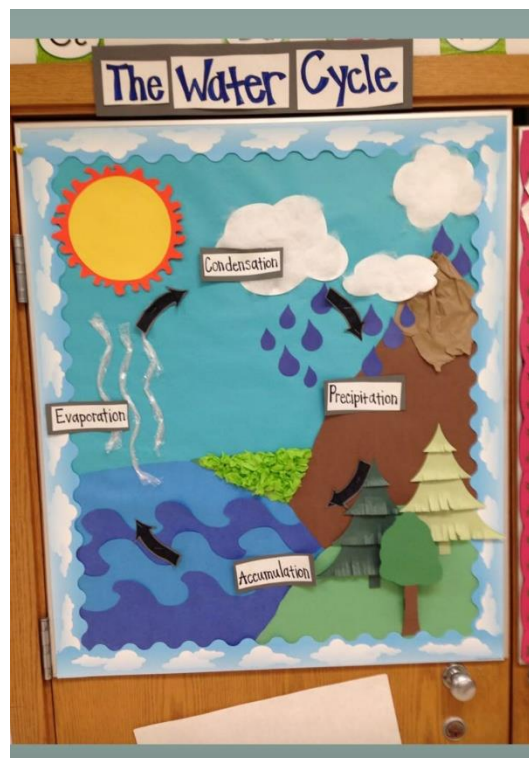
- Make a project report on ways to controlling the fire also mention what kind of precautions the Fireman used during the controlling of fire (Roll No \_\_\_ to \_\_\_)
- Make a project report on survey of 10 houses in locality find out the source of energy they used for cooking driving etc. also find out the precautions they need to take while using this source of energy. (Roll No \_\_\_ to \_\_\_)

❖ **Project (choose any one project)**

- Make a working model of The water cycle.
- Make working model on rainwater harvesting system.

Here are some examples for your reference.





Note : revise the syllabus done till date.

**Subject: Physics (SCIENCE)**

### **Art Integration Project(1.1.1)**

As per CBSE guidelines, students of Class VIII have to submit an art integrated project on Physics (Roll no 01-08)

“Natural phenomena (disasters) in Arunachal Pradesh”

Project should be submitted under the guidelines given below:

Students need to prepare their project on A4 size paper, which should be hand written.

Project should consist of minimum 20 pages.

Following content should be covered in the project

COVER PAGE:

TITLE,

ACKNOWLEDGMENT,

CERTIFICATE,

OVERVIEW,

INDEX,

DESCRIPTION WITH PHOTOGRAPHS & DIAGRAMS,

BIBLIOGRAPHY,

THANK YOU PAGE WITH A RELATED SCIENCE QUOTE

### **Working Model**

1. Wind Turbine
2. Solar Oven
3. Hydraulic Lift
4. Steam Engine
5. Pendulum

**Note: These are for reference only you can choose anyone or any other working model according to your convenience. Everyone has to prepare one working model individually.**

### ***SUBJECT: FINANCIAL LITERACY***

- Differentiate between Team and Groups.

<b>Code</b>	<b>Topics</b>	<b>Activities</b>
1.2.4	<ul style="list-style-type: none"> <li>Objects of day-to-day use in groups and in different settings and arrangements</li> </ul>	<ul style="list-style-type: none"> <li>List different modes of payments in day-to-day life for buying and selling of goods and services.</li> </ul>

- Write different team skills required while working in a team.
- List some of the features of teamwork.

### ग्रीष्म अवकाश गृहकार्य (विषय – हिंदी)

निर्देश:-

छुट्टी का कार्य हस्तलिखित होना चाहिए।

चित्रों, रघुर्ता आदि का प्रयोग आवश्यक है।

अपना परियोजना (प्रोजेक्ट) कार्य तैयार करते समय निम्नलिखित पहलुओं को ध्यान में रखा जाना चाहिए:-

परियोजना (प्रोजेक्ट) A4 आकार के पृष्ठों से अधिक का नहीं होना चाहिए और इसमें शामिल होना चाहिए अगले:-

कवर पृष्ठ, प्रमाण पत्र पृष्ठ, पावली, अनुक्रमणिका सामग्री, परिचय, उप-विषय अनुक्रमणिका के अनुसार, ग्रंथ सूची

परियोजना (प्रोजेक्ट) को एक फोल्डर में रखा आना चाहिए और गर्मी के अवकाश के बाद कक्षा में लाया जाना चाहिए।

### कला एकीकृत परियोजना:- [1.1.3.1]

#### अरुणाचल प्रदेश

- स्वीकृति,
- अरुणाचल प्रदेश का इतिहास,
- त्यौहार, पारंपरिक पोशाक,
- पारंपरिक पोशाक की तस्वीरें,
- प्रसिद्ध लोसार त्यौहार उत्सव की तस्वीर,
- भौगोलिक स्थिति,
- कुछ तस्वीरें जो अरुणाचल प्रदेश को खूबसूरत बनाती हैं, एक हिल स्टेशन के रूप में,
- अरुणाचल प्रदेश की राजनीतिक स्थिति,

- आर्थिक स्थिति,
- अरुणाचल प्रदेश अर्थव्यवस्था पर एक प्रवाह चार्ट
- ग्रंथ सूची

**पर्यायवाची शब्द पाठ - 6 (पृष्ठ संख्या 35)**

30 पर्यायवाची शब्द लिखिए।

**विलोम शब्द पाठ - 7 (पृष्ठ संख्या 37)**

30 विलोम शब्द लिखो।

**संवाद लेखन पाठ - 39 (पृष्ठ संख्या 185)**

1. दो सहेलियों के बीच अपनी नई प्रधानाचार्य को लेकर हुआ संवाद लिखिए।
2. दो पड़ोसियों के बीच कॉलोनी में बढ़ती गंडकी को लेकर फोन पर हुआ संवाद लिखिए।

**अनुच्छेद लेखन पाठ 44 (पृष्ठ संख्या 207)**

1. 20-20 क्रिकेट।
2. भोर का सौंदर्य।

**हिंदी व्याकरण का कार्य व्याकरण की नोटबुक में करना है।**

**जमा करने हेतु दिशानिर्देश:**

(अपनी कलाएकीकृत कार्य साफ-सुथरे हस्तलिखित में जमा करें। प्रत्येक सबमिशन के कवर पेज पर अपना नाम, कक्षा और रोल नंबर शामिल करें।)

**विषय - संस्कृत**

- 1 नए पाठों का अध्ययन करें और महत्वपूर्ण बिंदुओं को नोट करें।
- 2 मम प्रिय मित्र, मम विद्यालय पर अनुच्छेद लिखें।
- 3 दो-दो शब्द रूप और धातु रूप लिखें।

**परियोजना कार्य**

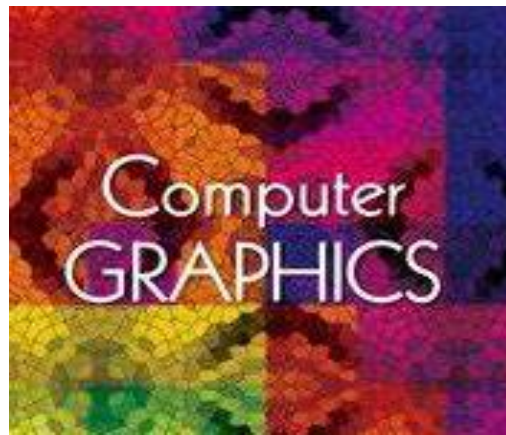
A3 साइज शीट पर कुछ श्लोक संस्कृत में लिखें।

**कला एकीकरण 4.2.1.3**

चार्ट पेपर पर फलों के चित्र बनाकर संस्कृत में उनके बारे में लिखें।

**SUBJECT – ARTIFICIAL INTELLIGENCE**

**Objective:** To introduce students to basic AI concepts through fun, creative, and research-based tasks.



**Q1. What is AI?**

Define Artificial Intelligence in your own words. Give 3 examples of AI you see or use in daily life.

**Q2. AI vs Human Intelligence**

Make a table showing 3 differences between human intelligence and artificial intelligence.

**Q3. Design a Robot**

Draw a robot that can help you at school or home. Label its AI features and explain what tasks it can perform.

**Q4. Create an AI Poster**

Design a poster (on paper or digitally) with the title "AI in My Life" showing how AI is used in mobile phones, smart homes, games, etc.

**Q5. AI and SDGs**

Choose any one Sustainable Development Goal (SDG) (e.g., Clean Water, Good Health) and explain how AI can help in achieving it.

**Art Integrated Activity (1.1.12)**

❖ **Make a Project file on basic knowledge of computer graphics.**

**Submission Guidelines:**

- ❖ **Submit your work in a Project file on reopening.**
- ❖ **Add pictures, charts or drawings to make your work attractive.**
- ❖ **Creativity, neatness, and originality will be appreciated!**

**SUBJECT - ENGLISH**

**Q.1. Design an English magazine which should have the following:**

- An attractive cover page and name of the magazine
  - A few articles on the City of your choice.
  - An interesting, self-written story/poem
  - English riddles/amazing facts
  - Self-made advertisements
  - 5 Idioms and 5 Proverbs depicted pictorially
  - An interview with a celebrity
- For an attractive layout of your magazine, you may take help from various issues of magazines that are available; a few being- **BRUNCH, TINKLE, OUTLOOK, INDIA TODAY**, etc.

Q.2 Everyday write onepage cursive handwriting with date.

Q.3 Think and write a report that what steps we can take to **promote peace** in a country. [Hint: India and Pakishtan]

Q.4 Make a pocket Dictionary at least 300 words.

**ART INTEGRATED: VISUAL ART.1**

1.1.1 Study of visual resources (at home and in the surroundings) and means of creative expression.

Explain the climate, resources and livelihood of Arunachal Pradesh. [Prepare Project file]

**Subject maths**

**Worksheet**

**(Do given worksheet on A4 sheets)**

## Section A: Rational Numbers

### A1. Fill in the blanks:

1. Every integer is a \_\_\_\_\_, but every rational number is not an \_\_\_\_\_.
2. The additive identity of rational numbers is \_\_\_\_\_.
3. The multiplicative inverse of  $-\frac{7}{9}$  is \_\_\_\_\_.
4. Rational numbers are closed under \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ (except 0 in one case).

## A2. Solve the following:

1.  $\frac{3}{4} + (-\frac{7}{8})$
2. Multiply  $-\frac{5}{6} \times \frac{12}{25}$
3. Divide:  $\frac{4}{9} \div -\frac{2}{3}$
4. Represent  $-\frac{2}{5}$  on a number line.

## A3. Word Problem:

Ravi had  $\frac{7}{8}$  of a chocolate bar. He gave  $\frac{1}{4}$  of it to his friend. How much does he have now?

## A4. True or False (Correct the false statements):

1. Zero is the multiplicative identity of rational numbers.
2. Rational numbers are not closed under subtraction.
3. The product of two negative rational numbers is positive.
4. Every rational number has a reciprocal.

## A5. Solve the following:

1. Simplify:  $(-\frac{3}{5} + \frac{7}{10}) \times (\frac{2}{3})$
2. Find three rational numbers between  $-\frac{1}{2}$  and  $\frac{1}{2}$ .
3. Compare:  $-\frac{3}{4}$  \_\_\_  $-\frac{2}{3}$  (Use  $<$ ,  $>$ ,  $=$ )
4. Verify:  $(\frac{2}{5} + -\frac{3}{10}) + \frac{1}{2} = \frac{2}{5} + (-\frac{3}{10} + \frac{1}{2})$

## A6. Puzzle Question:

Find a rational number which when added to  $\frac{2}{3}$  gives  $-\frac{1}{6}$ .

# Section B: Linear Equations in One Variable

## B1. Solve the following equations:

1.  $(2x - 1)/3 = (x + 2)/2$
2.  $5x - 3(2x + 1) = 2x + 7$
3.  $(3x + 4)/5 = (2x - 1)/4$
4.  $(x - 1)/2 + (x + 3)/3 = 7/2$

## Section C: Types of Quadrilaterals

## C1. Fill in the blanks:

1. A quadrilateral with both pairs of opposite sides parallel is a \_\_\_\_\_.
2. In a rhombus, all sides are \_\_\_\_\_ and opposite angles are \_\_\_\_\_.
3. A trapezium has only \_\_\_\_\_ pair of parallel sides.
4. The diagonals of a rectangle are \_\_\_\_\_ and \_\_\_\_\_.

## C2. Application Question:

Draw a parallelogram and label its sides and angles. Write two properties of parallelograms based on your drawing.

## C3. Identify the Quadrilateral:

1. A quadrilateral with two equal sides and one pair of parallel lines.
2. A quadrilateral with all sides equal and diagonals bisecting each other at right angles.
3. A quadrilateral with opposite sides equal but diagonals not equal.
4. A quadrilateral with all angles  $90^\circ$  but not all sides equal.

## C4 Challenge Corner

Math Riddle:

I am a rational number. If you multiply me by 3 and then subtract 4, you get 2. What number am I?

### Art Integrated Activity

- Prepare a project based on the topic allotted according to roll numbers. File your research work keeping the following points in order:
  - Title page (topic of the project)
  - Cover page (essence of the project)
  - Table of contents(index)
  - Introduction of the topic
  - History (when, how and by whom it has been discovered)
  - Terminology and symbol used
  - Explanation of the topic
  - Game or puzzle related to the topic
  - Mathematical problems with solutions (only 5)
  - Real life applications (use pictures)

**The topics allotted are as follows:**

- **Roll no. 1 to 7**                      **Rational Numbers**
- **Roll no. 8 to 14**                      **Linear Equation in one variable**
- **Roll no. 15 to above**                      **Understanding Quadrilaterals**
- **. Matho art**
  - **Roll no.1-8**                      Make a model of park using different polygons
  - **Roll no.9- 16**                      Make a 3-D solid using paper folding (eg: cube, cuboid, cylinder, cone, pyramid, prism)
  - **Roll no- 17- above**                      Make a model on Rational numbers with properties.