

ART INTEGRATED PROJECT

Theme: Cultural and Scientific Integration of Bihar & Madhya Pradesh

Class - 9

Subject – English

Q. Attempt any **ONE** of the given three questions.

1. “Two Rivers, Two Civilizations”

Design a conversation between Narmada and Ganga, imagining “If Rivers Could Talk”.

Theme: Comparison (geography, language, cultural and religious differences, etc.)

2. Cultural Newspaper

Design a Newspaper Front Page reporting a cultural exchange between Bihar and Madhya Pradesh.

Include interviews, editorial, and illustrations.

Headline Suggestions:

“Madhubani Meets Gond”

“Nalanda Scholars Visit Khajuraho”

3. Heroes of Madhya Pradesh

Pick **one** literary figure from Madhya Pradesh and write a detailed **character sketch**.

Also include their:

- A speech
- A poem
- Famous works

HINDI

Sheet 1: मध्य प्रदेश का लोकप्रिय स्थान* - (निम्न में से किसी भी **तीन** के बारे में चित्र साझा करते हुए जानकारी दें।)

1. खजुराहो के मंदिर – स्थापत्य और इतिहास
2. सांची स्तूप – विश्व धरोहर और बौद्ध कला
3. भीमबेटका की गुफाएँ – प्रागैतिहासिक चित्रकला
4. उज्जैन – महाकालेश्वर ज्योतिर्लिंग और धार्मिक महत्व
5. मांडू (मालवा) – रानी रूपमती और बाजबहादुर का किला

Sheet 2: मध्य प्रदेश से संबंधित प्राचीन विस्तृत जानकारी- * (निम्न में से किसी भी **तीन** के बारे में चित्र साझा करते हुए जानकारी दें।)

1. मालवा सभ्यता और उसका इतिहास
2. चंदेल वंश और बुंदेलखंड का इतिहास
3. गोंड वंश – रानी दुर्गावती और गोंड कला
4. अशोक का सांची और विदिशा से संबंध
5. अवंतिका (उज्जैनी) – प्राचीन भारत का विद्यानकेंद्र

Subject - Mathematics

Q1. Using the **population data** of Madhya Pradesh for the years 2020, 2021, 2022, 2023, and 2024, draw a **bar graph** to compare the population across these years.”

SCIENCE

Instructions: Complete the homework in A4 sheets. Use diagrams, creativity and subject knowledge.

Activity 1: Natural Resources & States (5 Marks)

Both Bihar and Madhya Pradesh are rich in natural resources.

Task:

1. Draw a comparative chart of the natural resources found in:

- Bihar (rivers, minerals, forests, soil)
- Madhya Pradesh (minerals, biodiversity, forests, water bodies)

And write **any 3** ways in which these resources support human life and development.

Activity 2: Art + Science – Traditional Dye Experiment (5 Marks)

Both states use traditional dyes in local art (Madhubani of Bihar, Gond art of MP).

Task:

2. Extract natural dye at home using either:

- Turmeric
- Beetroot
- Spinach
- Tea

3. Create a small artwork using the dye: Madhubani pattern or Gond art motif.

4. Write a **short** note (5–6 lines) explaining:

- a) How the natural dye was extracted?
- b) Scientific principle behind dye absorption on paper.

SOCIAL SCIENCE

Q1. Use local art forms of Madhya Pradesh to represent the **population density** and **forest cover** of the state.

Note: Use maximum **three** to **four** pages for each Subject, the project should be made in **one single file**. Attach all **map** works and **brochure** in the **same file** before submission. Make sure to add an **Index** and **Cover Page** for the file.