



SYNA INTERNATIONAL SCHOOL, KATNI
SUMMER ASSIGNMENT (2026-27)
GRADE-VI

ENGLISH

1. A Paragraph on “Ek Bharat, Shreshtha Bharat” in about 250 words.
2. A Paragraph on “Legends of Bihar- the Brave Soldiers” in about 250 words.

Presentation tips & ideas:

Add small sketches like Buddha, Ashoka Chakra, Indian flag, soldiers, Madhubani designs etc

Use headings like Legends/Heroes of Bihar, Culture & Heritage, Bravery etc

Use A4 size sheets and present it with an attractive cover page.

HINDI

किसी अमर शहीद का चित्र चार्ट पेपर में बनाकर उनका जीवन परिचय लिखिए।

MATHEMATICS

Subject: Mathematics (Art Integrated Project)

Chapter: Patterns in Mathematics

Theme: Patriotism □□

Project Title:

“Patriotic Patterns – Maths in Our Nation”

Objective:

- To understand number and shape patterns
- To apply maths in real-life patriotic themes
- To develop creativity through art integration

Part A: Number Patterns (Compulsory)

1. Tricolor Pattern:

3, 6, 9, 12, 15...

Rule: Add 3 each time (represents 3 colors of our flag)

2. Freedom Year Pattern:

1947, 1949, 1951, 1953...

Rule: Add 2 each time

3. Growth Pattern:

2, 4, 8, 16...

Rule: Multiply by 2

(Write the rule clearly for each pattern)

Part B: Shape Patterns (Art Integration)

Create designs using repeating shapes:

- Triangle pattern (▲) – strength
- Circle pattern (●) – Ashoka Chakra
- Square pattern (■) – unity

Make:

- Border design using patterns
- Small patriotic rangoli
- Flag using shapes

Part C: Creative Design

Create ONE big drawing using patterns:

- Indian Flag
- OR
- India Gate
- OR
- Ashoka Chakra

(Use only repeating patterns to fill your drawing)

Part D: Observation Table

Pattern Type	Example	Rule	
Number Pattern			
Shape Pattern			

Part E: Basic Geometry (Small Task)

Draw and label:

- Line (extends both sides)
- Ray (starts from one point)
- Line Segment (has two endpoints)

Use them in your drawing:

- Line → road/border
- Ray → sun rays / Ashoka Chakra
- Line Segment → flag edges

Part F: Conclusion (4–5 lines)

Write what you learned from this activity.

Instructions:

- Use A4 sheets or project file
- Use ruler for neat work
- Use colors (tricolor preferred)
- Write neatly and clearly
- Be create

Assessment Criteria:

- Understanding of patterns
- Creativity and presentation
- Correct rules and concepts
- Neatness

Note:

Make your project colorful, meaningful and connected with our nation ☐☐

SCIENCE

Make Colourful Charts on Topics Types of Venation, Root system, different shapes of leave Types of Plants , Medicinal plants and uses, ornamental plants, Scientist images a biography and Dicot and monocot and Dicot plants and Types of animals.

SOCIAL SCIENCE

Make a file project on **Unity in Diversity**, students should cover simple, meaningful, and relatable topics that show how people with different cultures, languages, religions, and traditions live together peacefully especially in India.

Mode : Hand Written up to 5 pages only ..

Material : File Paper

Attach Docs file project : Cover Page and content ...

SANSKRIT

1. कोई दस फलों के नाम संस्कृत में लिखकर उनका हिंदी में अर्थ लिखिए एवं उनके चित्र चिपकाइए ।
2. कोई पाँच सूक्तियाँ संस्कृत में लिखकर उनका हिंदी में अर्थ लिखिए ।

COMPUTER SCIENCE

PREPARE A PRESENTATION in GOOGLE SLIDE/POWERPOINT/ADOBE on any one of the following and mail to deochandra.mishra@synainternational.edu.in

TOPIC: **CYBER ETHICS/DIGITAL INDIA/ARTIFICIAL INTELLIGENCE**

MINIMUM SLIDES: 15