



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

ENGLISH

Write an imaginative essay on any one of the following.

1. Imagine you were a scarf that flew away from a clothesline. Describe the places you travelled to and how you came back. Also write about what you thought was the most valuable experience.
2. Imagine you stumbled upon a magical book in the library. The book transported you to a different time period. Describe your experience and an important learning.

Instructions:

Creative Expression

- * Use imagination, emotions, pictures/graphics and creativity.
 - * Keep it clear, expressive, and imaginative (250-300 words)
 - * Give a unique title
 - * Present a neat and well-crafted project in a file with A4 size sheets.
- Let your thoughts flow like magic!

HINDI

आपकी पाठ्य-पुस्तक में दी गई कहानी 'रोबोट और शलभा' पढ़कर फ़ाइल में लिखिए कि यदि रोबोट बोल पाता तो कहानी क्या मोड़ लेती ?

MATHEMATICS

Theme: CREATIVITY

Homework Title:- SHAPES & PLAYING WITH NUMBERS

Meaning

Creativity is the ability to think differently, solve problems in new ways, and express

□ Examples of Creativity

- Drawing designs using mathematical shapes
- Creating patterns (rangoli, tessellations)
- Making models using waste materials
- Writing your own story or poem
- Finding multiple methods to solve one maths problem

□ Creativity in Mathematics

- Using diagrams and graphs to explain data
- Designing symmetrical patterns
- Making puzzles, riddles, or games

□ HOMEWORK INSTRUCTIONS:

- Print papers not allowed
- Prepare a Beautiful Project File
- Use an A4 size paper and make it colourful, neat, and creative.
- Use colours, creativity, and proper labelling
- Avoid direct copying
- Make your project attractive and informative

Q1. Pattern Puzzle □

Observe the pattern:

2, 6, 12, 20, 30, ____, ____

- Find the next two numbers
- Write a rule for the pattern

Q2. Design with Shapes □

Draw a creative design using at least:

- 2 triangles
- 2 squares
- 1 circle

- Count the total number of sides used
- Find the perimeter of your design (assume each side = 2 cm)

Q3. Magic Number Challenge ✨

Think of a number:

- Multiply it by 2
- Add 10
- Divide by 2
- Subtract the original number

- What do you get?
- Explain why this happens

Q4. Real-Life Maths □

A garden is in the shape of a rectangle of length 12 m and breadth 8 m.

(a) Find its area

(b) If you decorate the boundary with lights, how much wire is needed?

(c) Suggest one creative way to design this garden

Q5. Data Creativity □

Create your own data of marks (out of 50) for 5 students.

(a) Find the mean marks

(b) Draw a bar graph

(c) Which student performed the best?

□ Submission Date :- After Summer Vacation

HAPPY HOLIDAYS & HAPPY LEARNING! □□

SCIENCE

Working Model Class 8 (Innovative Task)

Create ANY ONE model:

Option 1: "3D Microbial World" Use clay/thermocool to make models of bacteria, virus, fungi. Label parts and shapes

Option 2: "Good vs Bad Microbes" Interactive Model

Flap chart or rotating wheel showing:

Useful microbes

Harmful microbes

SOCIAL SCIENCE

For Class VIII SST, "Elsewhere in the World" usually refers to learning about important civilizations, countries, cultures, and historical developments outside India. The homework can include , map work, and creative activities.

Also Locate and mark these places on a world map:

- Egypt
- Mesopotamia
- China
- Greece
- Indus

Mode : Hand Written

Material : File Paper or Chart paper

Attach Docs file project : Cover Page , Introduction, Index, Acknowledgement , Certificate, images and Content .

SANSKRIT

1. कोई पचास शब्द संस्कृत में लिखकर उनका हिंदी में अर्थ लिखिए ।
2. गीता के कोई पाँच श्लोक संस्कृत में लिखकर उनका हिन्दी में अर्थ लिखिए एवं उनसे संबंधित चित्र चिपकाइए ।

COMPUTER SCIENCE

PREPARE A PRESENTATION/INFOGRAPHICS in GOOGLE SLIDE/POWERPOINT/ADOBE/CANVA on any one of the following and mail to

TOPIC: **CYBER ETHICS/DIGITAL INDIA/ARTIFICIAL INTELLIGENCE/CYBER SECURITY/NATIONAL DEFENCE ACADEMY**

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