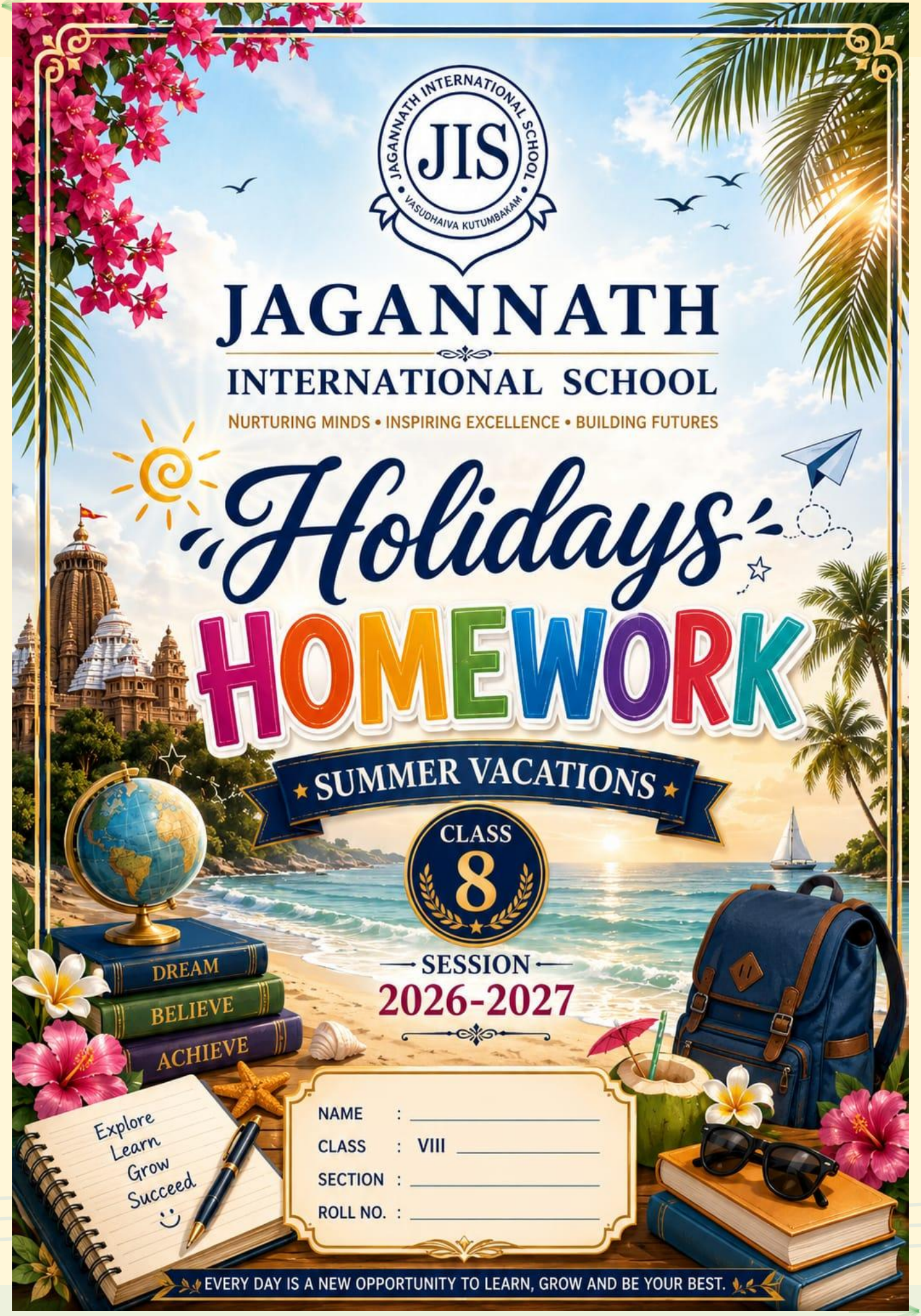

JAGANNATH INTERNATIONAL SCHOOL
JIS
VASUDHAIVA KUTUMBAKAM
JAGANNATH
INTERNATIONAL SCHOOL
NURTURING MINDS • INSPIRING EXCELLENCE • BUILDING FUTURES
Holidays
HOMEWORK
SUMMER VACATIONS
CLASS 8
SESSION
2026-2027
DREAM
BELIEVE
ACHIEVE
Explore
Learn
Grow
Succeed
NAME :
CLASS : VIII
SECTION :
ROLL NO. :
EVERY DAY IS A NEW OPPORTUNITY TO LEARN, GROW AND BE YOUR BEST.

ENGLISH

Shakespeare's Museum

Students will collaboratively prepare a creative "Shakespeare Mini Museum" based on William Shakespeare. The exhibition should include his portrait, life timeline, famous quotations, major tragedies, comedies, histories, and important aspects of the Elizabethan Age through artistic charts, scrolls, and innovative display materials.

Roll No. 1–7 : Portrait of Shakespeare (60 × 80 cm)
Roll No. 8–14 : Life Timeline (100 × 40 cm)
Roll No. 15–21 : Famous Quotations Scrolls (A3 Size, 3 Sheets)
Roll No. 21–28 : Tragedies Section with illustrations and Sketches (80 × 60 cm)
Roll No. 29–34 : Comedies and Histories Section (80 × 60 cm)
Roll No. 35–39 : Elizabethan Age Facts and Decorations (40 × 40 cm)

Literary Fashion Show

A creative **"Literary Fashion Show"** featuring famous poets and authors from the Romantic and Victorian Ages will be organized in the school. Students will dress up as renowned literary figures, carry placards displaying their names and major works, and present a brief introduction or famous quotation during the ramp walk. Costumes, props, and accessories should reflect the lifestyle and fashion of the respective literary period. Students may also decorate the stage with portraits, quotations, and literary themes. The activity should showcase creativity, research skills, confidence, and appreciation of English literature.

Note: Both of the above-mentioned holiday homework activities, *Shakespeare's Museum* and *Literary Fashion Show*, must be attempted by all students.

Roll No. 1-10

Prepare an English project titled **"Voices of Great Writers/ Poets."** Write at least 20 inspirational quotes by famous literary figures on 5 beautifully decorated A4 sheets. Students may use drawings, themed backgrounds, creative fonts, and illustrations to make the work visually appealing. The project should highlight creativity, presentation skills, and love for literature.

Roll No. 11-20

Prepare a creative **"Vocabulary Tree**" displaying 25 fancy English words along with their meanings. The tree should be designed artistically with a width and length of 40 cm × 65 cm. Students may use colourful leaves, branches, illustrations, and decorative calligraphy to enhance the presentation. The project should reflect creativity, neatness, correct vocabulary usage, and overall aesthetic appeal.

Roll No. 21-30

Prepare a creative timeline on the **"Evolution of the English Language"** from Old English to Modern English. The project should include important periods, major literary figures, significant historical events, and the development of vocabulary and pronunciation. Students may use charts, scrolls, illustrations, maps, and decorative calligraphy to make the timeline visually appealing and informative. Creativity, presentation, accuracy, and neatness will be considered for evaluation.

(Minimum **3 Chart Papers** must be used for creating the scroll of the timeline)

Roll No. 31-40

Design an attractive **"Idioms and Proverbs Board"** featuring 5 idioms and proverbs with their meanings. The display should measure 40 cm × 65 cm and must be decorated creatively using colours, illustrations, borders, and artistic lettering. Students are encouraged to present the content in an innovative and visually engaging manner. Neat presentation, creativity, and correct usage of language will be assessed.

HINDI

अंडमान और निकोबार द्वीप समूह :जनजातीय मास्क (tribal mask) या मुखौटे

(रोल न.01-19)

अंडमान और निकोबार द्वीप समूह में, जनजातीय मास्क (tribal mask) या मुखौटे का उपयोग पारंपरिक सांस्कृतिक और धार्मिक समारोहों में किया जाता है। ये मास्क विभिन्न आकृतियों और डिजाइनों में होते हैं, जो विशिष्ट आदिवासी समूहों की कला और मान्यताओं को दर्शाते हैं। अंडमान और निकोबार में, जनजातीय मुखौटे अक्सर धार्मिक और सांस्कृतिक समारोहों, जैसे कि फसल उत्सव, विवाह और अन्य महत्वपूर्ण अवसरों में इस्तेमाल किए जाते हैं।मुखौटे का उपयोग नृत्य और प्रदर्शन कलाओं में भी किया जाता है, जहां वे कहानियों को सुनाने और धार्मिक विश्वासों को व्यक्त करने में मदद करते हैं।प्रत्येक मुखौटे में विशिष्ट प्रतीक और डिजाइन होते हैं, जो संबंधित जनजाति की कहानी, इतिहास और मान्यताओं को दर्शाते हैं।

- दिए गए वीडियो लिंक को देखते हुए https://youtu.be/GT0_AQIwZwU?si=QI991VPR7lVTnpFe
  https://youtube.com/shorts/12oY_P332MY?si=OrKJTCKxuEnka2rf
  https://youtu.be/W8EqNtuhMMQ?si=kLetwCkjBLcVvdPn

तीनों में से कोई भी एक मुखौटा बनाइए।

- कार्य में सफ़ाई का विशेष रूप से ध्यान रखे।
- तीनों में से कोई भी एक मुखौटा बनाकर आपको स्कूल में भी लाकर दिखाना है ,इसके आपको अंक दिए जाएँगे।
- अप्रैल -मई में करवाए गए पाठों की पुनरावृति कीजिए।

सिक्किम की प्राकृतिक सुंदरता : स्लोगन लेखन (रोल न.20-38)

सिक्किम अपनी अछूत प्राकृतिक सुंदरता, बर्फ से ढके ऊंचे पहाड़ों, हरी-भरी घाटियों, झीलों और विविध वनस्पतियों के लिए प्रसिद्ध है। हिमालय की गोद में बसा यह राज्य प्रकृति प्रेमियों के लिए किसी स्वर्ग से कम नहीं है।

सिक्किम की प्राकृतिक सुंदरता को चित्रित करते हुए एक स्लोगन पोस्टर शीट पर बनाइए।

स्लोगन पोस्टर बनाते समय इन बातों का ध्यान रखें -

- A-3शीट का प्रयोग करे।
- सिक्किम की प्राकृतिक सुंदरता का चित्रण करें।
- स्लोगन भी उसी चित्र के नीचे ही लिखना है।
- स्लोगन पोस्टर में चित्र स्वयं बनाएँगे। फोटोकॉपी नहीं चिपकाएँगे।
- कार्य आकर्षक और सफाई से किया हुआ होना चाहिए।

अप्रैल -मई में करवाए गए पाठों की पुनरावृति कीजिए।

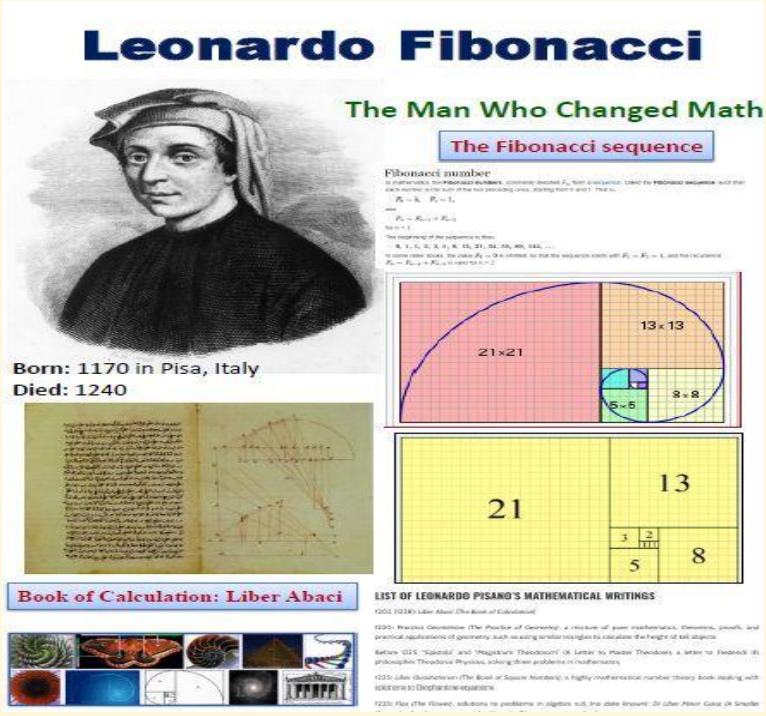
MATHEMATICS

Theme: Mathematics in Nature and Real Life

Students will explore how Mathematics exists in nature, art, architecture, plants, patterns, designs, and daily life through creative activities and models.

➢ **Fibonacci Series in Nature**

❖ **Roll No. 1–5**



Create a chart showing the Fibonacci sequence in nature.

Include examples such as:

- Sunflower seeds
- Pinecones
- Shells
- Flower petals
- Pineapples

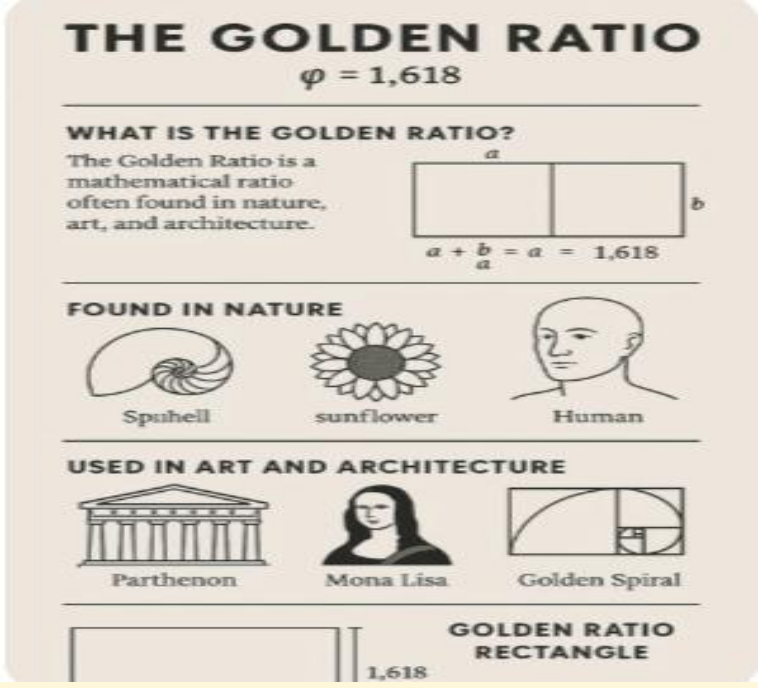
Write the Fibonacci sequence and explain how it appears in nature using pictures/drawings.

❖ **Roll No. 5–10**

Make a Fibonacci art piece.

➢ **Golden Ratio Project**

❖ **Roll No. 11–15**



Prepare a model/chart showing the GOLDEN RATIO (1.618) in real life.

You may include:

- Human body proportions
- Famous monuments
- Leaves and flowers
- Paintings or logos

Use measurements, drawings, or photographs to explain the concept creatively.

❖ **Roll No. 15–20**

Make an art piece showing Golden Ratio.

➢ **Zentangle Art**

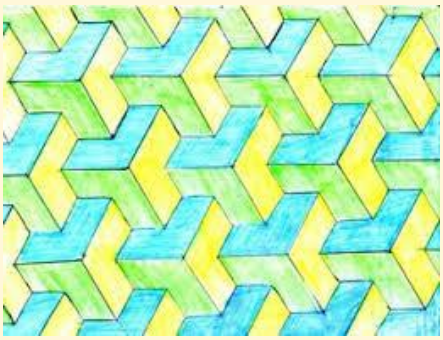
➢ Zentangle patterns are structured, repetitive, and unplanned drawings made by combining basic strokes like dots, lines, and curves.

❖ **Roll No. 20–25**

Create a zentangle art piece using black ink on white paper.

➢ **Math Art – Tessellation Design**

❖ **Roll No. 26–30**



Create a colourful tessellation art using repeated geometrical shapes.

Use:

- Triangles
- Squares
- Hexagons
- Any creative pattern

Explain where tessellation is used in real life (tiles, fabrics, honeycombs, etc.).

➢ **Life through a mathematician's eye**

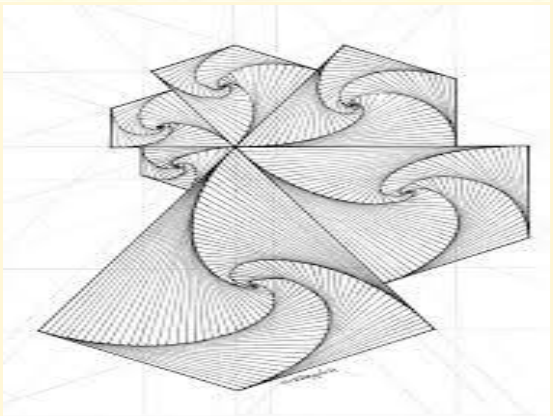
❖ **Roll No. 30–35**

Make an art piece inspired from Wassily Kandinsky.

➢ **Fractals**

❖ **Roll No. 35 onwards**

❖ Make a chart on **FRACTALS,** explaining What is Fractal Art? Where do we see fractals in nature?



OR

Create a colourful and creative *Fractal Art Design* using mathematical patterns and repeated shapes. Draw and colour any one type of fractal pattern such as Spiral Fractal, Triangle Fractal, Square Fractal, Tree Fractal, Snowflake Fractal.

- The following task has to be submitted by all the students:

Do Exercise-3 of Chapter-3 **STORY OF NUMBERS** on A-4 sheet or rule sheet.

SCIENCE

General Instructions

- All work should be **handmade, creative, and neatly presented**.
- Students are encouraged to use **eco-friendly or waste materials** such as cardboard, newspapers, clay, waste bottles, ice-cream sticks, old boxes, etc.
- Mention **Name, Class, Section, and Roll Number** clearly on the project/model/chart.
- Models and charts must be **properly labelled**.
- Use attractive colours and maintain cleanliness in the work.
- Students should prepare their work independently and avoid ready-made market projects.
- A short write-up (50–80 words) explaining the activity/project should be attached.
- Students must be ready to explain their project during classroom presentation/activity assessment.
- Parents are requested to guide and encourage students, but the work should be done mainly by the students themselves.

Roll No. 1–8

Prepare a **2D or 3D Model of Different Types of Microorganisms** using clay, cardboard or recyclable materials. Label the parts neatly.

https://youtu.be/mxDpbkZzgBM?si=QcLBGrKmFwN0Kg6f

OR

Design your T-shirt:Print an image of one or more microorganisms on a T-shirt. You may also write the name/ names of the microorganisms creatively on the T-shirt. Use acrylic colours/pens , fabric paints to make your design bright and attractive. Decorate the T-shirt creatively to give it a unique and eye-catching look.

https://youtu.be/K6PXKsFF4Ak?si=AkR5Q5m6FGur1Zm2

Roll No. 9–14

Create Dhokra Art or Dhokra Jewellery using eco-friendly or waste materials**.** Add a short note on the traditional Dhokra art form of India. Use beads, clay, thread, foil, wire, or waste materials creatively.

https://youtu.be/1LlLaoh1Ffs?si=vmgLgHgaWrDI1062

https://youtu.be/_utF2CtO3rg?si=RdZcjxAjQ9ZsmwlZ

Roll No. 15–20

Prepare a **Working Model of a Railway Signal**. Refer to the related topic from your Science textbook and explain its working principle. The signal should show working movement/light indication if possible.

https://youtu.be/8tVbm3_oMZQ?si=_UFA-La48prT06KS

OR

Paper circuit model of any instrument/ electronic item.

https://youtu.be/3m_HP4Xm4Z8?si=4v12TYSf2wHUos1J

Roll No. 21–26

Make a 2D or 3D Model of a Plant Cell. Label cell wall, nucleus, vacuole, chloroplast, cytoplasm, etc. Use different colours for different organelles.

https://youtu.be/KOVkk2F9Cv0?si=ajXhcR_rfLypRrgM

Roll No. 27–32

Make a 2D or 3D Model of an Animal Cell. Label nucleus, mitochondria, cytoplasm, cell membrane, etc.

https://youtu.be/z6DlyPnA05k?si=1VUwPGBAhbw-X66Y

Roll No. 33–38

Prepare a **Chart or Report on Indian Systems of Medicine** – Ayurveda, Unani, Siddha, Yoga, Homeopathy or any other traditional healing systems of India. Include important features, uses, and medicinal practices. Add pictures, medicinal plants, and interesting facts if possible.You can give it a 3-D effect to make it more attractive.

SOCIAL SCIENCE

Geography for a Better World

SDG 12 (Responsible Consumption and Production)

Recycling Craft Activity (For All students)

Objective: Reuse waste materials creatively.

Instructions: Make useful items using:

- Plastic bottles
- Newspapers
- Cardboard
- Old clothes

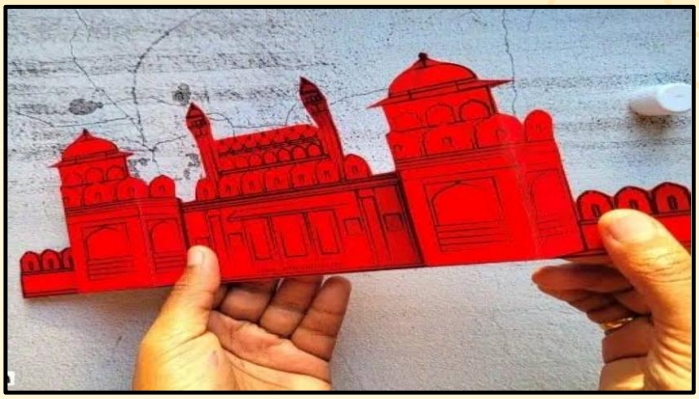
Examples:

- Pen stands
- Paper bags
- Decorative items

Tapestry of the Past

For Roll no. 1-10

Prepare a small model or drawing of a Mughal Monument like Taj mahal, Red Fort or Fatehpur Sikri and write a paragraph describing its architecture, material used and symbolism.



For Roll no. 11-20

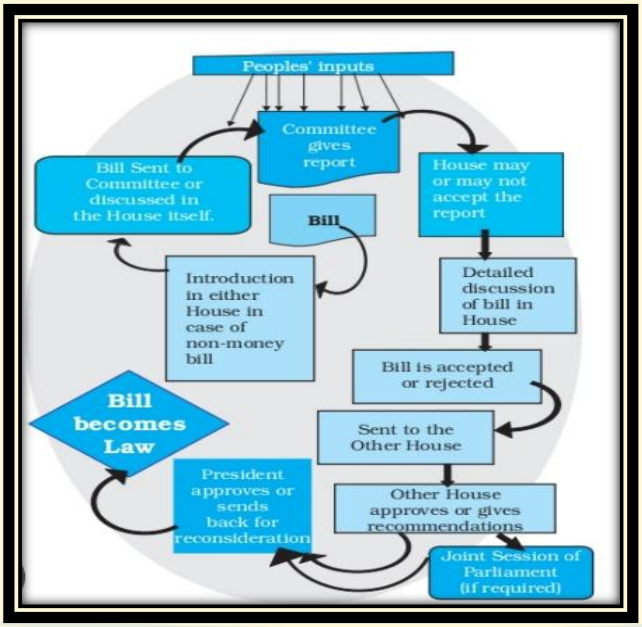
The power of the Marathas was rooted in the concept of Hindavi Swarajya (self-rule). Shivaji built a formidable kingdom by using terrain-specific guerrilla warfare (Ganimi Kava) and constructing a formidable naval force to secure the western coast. For reconstructing that power make a poster on Maratha Art, weapons, coins, attire and architecture.

Social and Political Life

For Roll no. 21-30

The legislative journey transforms a draft idea into an enforceable law through several stages. Show this journey by creating a Working Model on “How a Bill Becomes a Law”

Objective: Explain the law-making process.



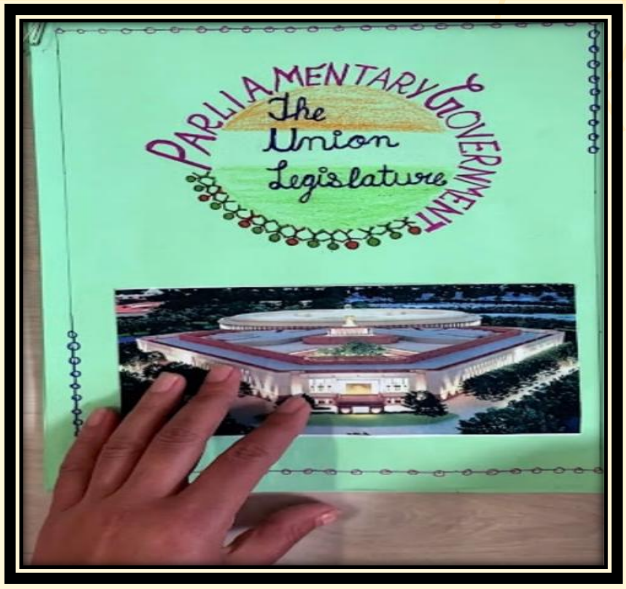
For Roll no. 31-40

Scrapbook Project on Parliament

Contents:

- Pictures of Parliament House
- Important leaders
- Functions of Parliament
- Difference between Lok Sabha and Rajya Sabha
- Important laws passed in India

Decoration Ideas: Use charts, flags, and newspaper cuttings.



Note: Prefer to use only Biodegradable material.

Social Science Assignments

(For All Students)

Note: Solve this assignment in a new thin separate notebook and submit along your holiday's homework.

1. A village near a forest depended heavily on trees for fuel, wood, medicines, and food. After excessive cutting of trees, the area started facing soil erosion and shortage of rainfall. Explain how forests are important natural resources and why they should be protected?
2. Explain how natural resources are important for the development of a country?
3. A mining region became polluted after excessive extraction of coal and minerals. Explain the advantages and disadvantages of mining.
4. Explain how people can help in conserving natural resources in their daily life.
5. Why did the Delhi Sultans build forts and maintain strong armies?
6. Why were monuments important in medieval empires?
7. Why did medieval rulers encourage trade? Explain how trade helped strengthen empires like the Delhi Sultanate, Vijayanagara Empire, and Mughal Empire?
8. Explain why universal adult franchise is important in a democracy?
9. A student says, "One vote cannot make any difference." Do you agree? Give reasons.
10. Explain why free and fair elections are necessary in a democracy?

संस्कृत

1. पाठ्यपुस्तक पृष्ठ संख्या 103-107 में दिए गए छः सर्वनाम शब्द रूपों में से किन्हीं दो सर्वनाम शब्द रूपों को एक चार्ट पर सुंदर लेख में लिखिए।
2. यू ट्यूब के माध्यम से सर्च करके संस्कृत के दो गीतों को सस्वर याद कीजिए ।
3. कक्षा में करवाए गए पाठ एक,दो और तीन की आवृति कीजिए।

Computer Science

Roll No. 1–20

Topic: Bus Topology / Tree Topology Model

Model Idea

- Create a network showing computers connected through one main cable (Bus Topology) or branch-like connections (Tree Topology).

Materials Required:

- Cardboard or thermocol base
- Coloured paper
- Ice cream sticks / straws
- Thread or wires
- Small paper computer cut-outs
- Glue and scissors
- Sketch pens and labels

Instructions:

- Make the model neat and colourful.
- Use thread or straws to show network connections.
- Label each computer and the main cable.
- Add arrows to show data flow.
- Write the topology name clearly on the model.

Roll No. 21–40

Topic: Star Topology / Mesh Topology Model

Model Idea

- Create a network where all computers connect to one central hub (Star Topology) or every computer connects with each other (Mesh Topology).

Materials Required:

- Cardboard or thermocol base
- Bottle cap (for central hub)
- Coloured wires or thread
- Paper computer cut-outs
- Glue, scissors and sketch pens
- LED lights (optional)

Instructions:

- Show proper connections between all computers.
- Use a bottle cap as the central hub in Star Topology.
- Use multiple threads/wires for Mesh Topology connections.
- Add labels and arrows neatly.
- Decorate the model creatively using colours and charts.

General Instructions

- ***Use eco-friendly or waste materials wherever possible.***
- ***Keep the project clean and well-presented.***