DELHI PUBLIC SCHOOL, CHAS BOKARO (2026-27)

Diwali & Chhath Puja



Class – VII
Diwali &
Chhath Puja Assignment

English

Topic: 3D Model of a Book
Instructions:

1. Prepare a creative 3D model of a book using cardboard or thermocol.
2. On the Frist page /cover, paste a picture of any famous English author.
3. Write the name of the author and mention his / her famous book and the publishing year.
4. Decorate the model creatively and present it neatly.

Hindi

1. दीपावली के 5 दिनों (धनतेरस से भाईदूज) और छठ पूजा के 4 दिनों (नहाय–खाय से पारण) के अनुष्ठानों को क्रमवार दर्शाने वाला एक सुंदर प्रवाह चित्र बनाइए। हर दिन का महत्व लिखिए। यथासंभव चित्र लगाएँ।

निर्देश:

- सभी प्रश्नों के उत्तर साफ एवं सुंदर लिखावट में लिखें।
- उपरोक्त कार्य हिंदी की कॉपी में पूरा करें।
- उचित स्थान पर चित्र एवं रंगों का प्रयोग करें।
- प्रत्येक विद्यार्थी अपना कार्य स्वयं करे।

Sanskrit

सर्वे उत्तराणि A4 size पपेर मध्ये लेखनीयं

1.दिपोत्सवस्य चित्रं निर्माय पञ्च वाक्यानि लिखन्तु।

2लट् लकारः, लृट् लकारः, लोट् लकारः लङ्ग् लकारेषु निम्नलिखित धातूनां रूपाणि लिखित्वा स्मरणं कुर्वन्तु।

[पठ्, लिख्, खद्, गम्, हस्, वद्]

3.बालक, बालिका, गुरु, मुनि शब्द रूपः लिखित्वा स्मरणं कुर्वन्तु|

Maths

Prepare a colourful chart on "Lines and Angles in Diwali Decorations".
Include:
1. Types of angles with diagrams.
2. Complementary and supplementary angles.
3. Real-life examples from Diwali decorations.

Physics

Project : The DIY Water Clock

- **Concept:** History of time measurement and standard time intervals.
- **How to do:**
    - Take a 1-litre plastic bottle and poke a tiny hole at the very bottom using a heated pin.
    - Draw horizontal lines on the bottle using a marker at regular intervals (e.g., every 2 cm from top to bottom).
    - Block the hole with your finger, fill the bottle to the top with water, and release.
    - Use a stopwatch to record the exact time it takes for the water level to drop to each marker line.
- Discover how ancient civilizations measured equal time intervals before mechanical clocks and watches were invented.

Chemistry

1. Make a working model on advantages and disadvantages of chemical changes in our daily life.
   (Roll no. 1-16)
2. Make a PPT presentation on importance of metals and non- metals in our daily life.
   (Roll no 17 onwards)

Biology

During Chhath Puja, devotees offer a variety of raw fruits and plants to the Sun God, including whole sugarcane (*Eikh*), banana bunches, turmeric plants, ginger, and coconuts.

1. **Sugarcane Sweetness:** Sugarcane stalks are highly sought after during Chhath Puja.
    - *Application Question:* In which plant part does the sugarcane primarily manufacture its food, and how does this food travel to be stored as sugar in the stalk? Name the specific vascular tissue involved.
2. **The Underground Storehouses:** Turmeric and ginger are offered as whole plants with their underground parts intact.
    - *Application Question:* Are these underground parts roots or stems? Explain how these structures help the plant survive unfavourable conditions based on their nutritional modifications.
3. **The Water-Filled Coconut:**
    - *Application Question:* A coconut tree is very tall. Explain the process and the scientific force that allows water absorbed by the roots to travel all the way up to the coconut fruit at the top of the tree.

In a bamboo soop paste colourful chart paper, stick the pictures of the above-mentioned fruits and plants and write down the answers.

Social Science

This Diwali vacation, students are encouraged to explore the fascinating world of Indian agriculture, the glorious Gupta Empire and its remarkable contributions to art, architecture and science through creative model-making activities.

The assignment aims to develop creativity, historical understanding, geographical awareness and experiential learning.

Roll Number-Wise Topic Allotment

Roll Numbers	**Subject**	**Project Topic**	**Suggested Model**
1–10	Geography	**Terrace Farming – Farming on the Slopes**	3D model of terraced fields on a mountain slope, showing steps, crops, irrigation and soil conservation
11–20	Geography	**India and its Neighbours**	3D historical map showing the neighbours of India with the help of lights to point out the exact location.
21–30	History	**Gupta Period Temple Architecture**	Miniature temple model highlighting the sanctum, pillars, entrance and early shikhara
31–40	History	**Aryabhata and Gupta Art & Culture**	Students may choose either a working astronomy model depicting Aryabhata's contributions or a cultural diorama showcasing Gupta art, sculpture, literature and paintings

General Instructions

1. The project must be **handmade** using suitable materials such as cardboard, chart paper, clay or recycled materials.
2. Include proper titles, labels and brief explanations wherever required.
3. Ensure historical and geographical accuracy.
4. Keep the project neat, creative and presentable.
5. Be prepared to explain your project in class.
6. Refer the pictures before preparing your models:

Suggested pictures-

1. 

2. 

3.



Kaushal Bodh

How can we create beautiful and meaningful greeting cards using simple materials and creative ideas?

Instructions

1. Take coloured paper, old newspapers or chart paper.
2. Fold the paper to make a greeting card.
3. Decorate it using drawings, paper cut-outs, ribbons and colours.
4. Create any two greeting cards for different occasions (Birthday, Diwali, Teachers' Day, etc.).
5. Write a suitable message inside each card.
6. Give a title to your collection and display your cards.