DELHI PUBLIC SCHOOL, CHAS BOKARO
(2026-27)

Diwali & Chhath Puja



Class – VIII
Diwali &
Chhath Puja Assignment

English



TOPIC: Model based on English Literature

1.The world of Literature 3D Book Model

Create a giant open book with different sections representing poetry,

prose drama, novels and biographies.

Concept: Different forms of literature and their importance.

Instructions

1. **Prepare the base:** Take thick cardboard and create a large open-book shape. Make two raised pages to give it a 3D appearance.
2. **Design the cover:** Write the title **"The World of Literature"** in bold, attractive letters on the front or centre.
3. **Divide the pages:** Create five different sections on the open pages, each representing a major form of English literature.

Hindi

1. दीपावली और छठ पूजा का सुंदर चित्र बनाकर रंग भरिए।
2. दीपावली क्यों मनाई जाती है? इसके धार्मिक एवं सांस्कृतिक महत्व को लिखिए।
3. छठ पूजा हमें स्वच्छता, अनुशासन और प्रकृति के प्रति सम्मान का क्या संदेश देती है?

निर्देश:

- सभी प्रश्नों के उत्तर साफ एवं सुंदर लिखावट में लिखें।
- असाइनमेंट 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।

अथवा

1. छठपूजायां किं किं भवन्ति लिखन्तु

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

[पठ्, लिख्, खद्, गम्, हस्, वद्]

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

Maths

Topic: Simple Interest and Compound Interest.



You are instructed to prepare a **working model on the topic "Simple Interest and Compound Interest"** as part of your Mathematics project work.

Follow the instructions given below:

1. Display the formulas for both Simple Interest and Compound Interest in your model.
2. Take an imaginary principal amount of ₹1,000 at an annual interest rate of 10%.
3. Show the calculations for 1 year, 2 years and 3 years for both types of interest.
4. Use movable number cards, rotating wheels, a calculator or other creative methods to demonstrate the calculations.
5. Clearly show the difference between Simple Interest and Compound Interest.
6. Demonstrate how Compound Interest grows faster than Simple Interest over time.
7. Write a brief conclusion based on your observations.
8. Prepare a short explanation of your working model for presentation in the classroom.

General Instructions:

- Make your model neat, attractive, creative and informative.
- Ensure that all calculations are correct.
- Every student/group must be able to explain the working of the model.
- Do not simply prepare a chart; make an interactive working model.

Physics

Project: Syringe Hydraulic Lift

- **Concept:** Liquids transmit pressure equally in all directions (Pascal's principle).
- **The Task:** i) To make a working model of Syringe Hydraulic Lift made of cardboard, syringes, and water. Using two plastic syringes of different sizes (e.g., 5 mL and 20 mL) connected by a flexible thin tube filled with water. Students show how pushing the plunger of the smaller syringe can lift a relatively heavy object (like a toy car) placed on the plunger of the larger syringe.

  ii) Application: Connect this to how a hydraulic car jack or car brakes work.

Chemistry

1. Make a working model to show that **different liquids** have different density. **(Roll-1-16)**
2. Make a **PPT** on importance of elements, compounds and mixtures in our daily life. **(Roll-17 onwards)**

Biology

- **Objective:** Study how festival practices interact with local ecosystems (air, water, and animal habitats).
- **Task 1 (Air & Sound Habitat):**
  - Monitor or research the air and noise quality levels in your neighborhood before, during, and after Diwali (due to crackers).
  - List 3 ways loud noises and smoke affect local bird and stray animal habitats.
- **Task 2 (Aquatic Habitat - Chhath Ghats):**
  - Examine the cleaning and preparation of water bodies (rivers, ponds, and *ghats*) for Chhath Puja.
  - Write a short report (100–150 words) on why maintaining clean water habitats is essential for both aquatic life and community health. Include a recommendation on eco-friendly offerings (e.g., avoiding synthetic plastics or chemical colors in rivers).

Social Science

You are required to prepare a **handmade project/model** on the topic allotted to you according to your roll number.

Roll Number-wise Topic Allotment

Roll Numbers	Subject	Project Topic
1–9	Geography	**Cartography – Mapping a Location:** Prepare a map of any selected location with a suitable title, proper scale, legend/key, compass direction and labels.
10–18	Geography	**Ocean Currents:** Prepare a project/model showing the major ocean currents of the world, indicating their directions and distinguishing between warm and cold currents.
19–27	History	**Bharat Maa and the Revolutionaries of India:** Prepare a handmade project/model depicting Bharat Maa and highlighting the contributions of prominent revolutionaries of India's freedom struggle.
28–40	History	**India's Long Road Towards Freedom:** Prepare a handmade project/model showcasing the major events and movements that led to India's independence, from the Revolt of 1857 to 1947.

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:

1. 

2. 

3. 

4. 

Kaushal Bodh

How can we transform waste materials into useful and attractive products to promote the 3Rs – Reduce, Reuse and Recycle?

Instructions:

1. Collect waste materials such as cardboard, plastic bottles, newspapers, old clothes and ice-cream sticks.
2. Design and prepare at least two useful products.
3. Decorate the products creatively.
4. Give each product a name and explain its uses.
5. Prepare a short report describing the materials, steps and benefits.