

Affiliation No : 330881

**GD GOENKA PUBLIC SCHOOL**

Under the Aegis of G D Goenka Group , New Delhi

**PURNEA**

**DIWALI & CHHATH  
HOLIDAY ENGAGEMENT**

**2024-25**

**GRADE - V**

**HIGHER > STRONGER > BRIGHTER**



**Dear Parents,**

As we celebrate the festival of Diwali & Chhath, we want to extend our warmest wishes to you and your families. In light of the holiday season, we have assigned a special Diwali homework for your child. This assignment is an attempt to channelize the creative energy of the children, and we encourage you to engage with them in this learning process. We hope you have a joyful and safe Diwali celebration with your loved ones.

Instructions for students:

1. Homework should be completed as per the given instructions, whether on A4 paper, Chart Paper, in a notebook, or on a computer.
2. It should be labelled properly indicating the name, class and section of the child.
3. Homework will be assessed based on neat handwriting, presentation, creativity, and timely submission of the work.
4. Revise the syllabus for the PT3 Examination and prepare thoroughly for it.
5. Spend time with family and friends to make this festive season joyful and cheerful.

**HOLIDAY ENGAGEMENT****2024-2025****GRADE -V****English****Objective:**

To explore the symbolism of colors in Indian Weavers by Sarojini Naidu, representing different stages of life, and express your creativity through a hands-on, artistic project.

Instructions:

**1. Read the Poem:**

Read the Indian Weavers by Sarojini Naidu and understand the colors used in the poem:

Blue represents birth (innocence, beginning of life).

Green represents youth (growth, energy).

White represents death (peace, rest).

**2. Gather Materials:**

Collect 3 small pieces of fabric or colored paper in blue, green, and white. You may also use colored threads, beads, or any other materials you have at home to add texture and creativity.

**3. Cut and Shape the Fabrics/Papers:**

Blue (Birth): Cut into a circle, symbolizing new beginnings.

Green (Youth): Cut into a leaf shape, symbolizing growth and vitality.

White (Death): Cut into a feather shape, representing peace and rest.

**4. Create a Life Cycle Collage:**

On a large sheet of paper, arrange the shapes to represent the journey of life. You can use swirling patterns, overlapping shapes, or curved lines to show the continuous cycle of birth, youth, and death. Make the collage dynamic and colorful, as if the stages of life are connected.



### 5. Write a Creative Explanation:

Write a short paragraph (80 words) on A4 size paper explaining why you chose these specific shapes and colors. Reflect how the colors represent the stages of life. Submit your creative collage on 11.11.2024.



### 2. Change these sentences from active voice to passive voice:

1. The chef prepares the meal.
  2. The children play soccer.
  3. The scientist discovered a new planet.
  4. The dog barked at the stranger.
  5. The teacher assigns homework every day.
  6. The author wrote a bestselling book.
  7. The volunteers cleaned the park.
  8. The artist created a stunning mural.
  9. The students completed the project.
  10. The team won the championship.
3. Students are required to submit 15 pages of English writing using cursive handwriting (joined letters) in separate notebook.

**MATHEMATICS****A. Activity Based****Recipe Scaling Project\***

Objective: Apply fractions and decimals by scaling a recipe.

Materials: Simple recipe cards, measuring cups, calculators.

Process:

1. Write ingredients of simple recipe (cake/tea/coffee/cookie etc) using fractions (e.g.,  $1/2$  cup flour,  $3/4$  cup sugar).
2. Students are tasked with doubling or halving the recipe, converting the fractions to decimals if needed.
3. They calculate the new measurements and write them down in both fraction and decimal form.
4. Discuss how fractions and decimals are used in real-life scenarios like cooking.
5. Perform this task in A4 Sheet.

**B. REVISION WORKSHEET**

**Solve these sums in your notebook.**

1. What is Like Fraction?

2. Convert in Simplest form -  $\frac{25}{50}$

3. Convert in Mixed fraction -  $\frac{25}{15}$

4. Convert in Improper fraction -  $6\frac{2}{5}$

5. Find 5 equivalent fraction of  $\frac{2}{5}$

6. Add -  $\frac{25}{50} + \frac{15}{50}$

7. Subtract -  $\frac{25}{30} - \frac{15}{50}$

8. Find  $\frac{2}{5}$  of 50

9. Multiply -  $\frac{2}{5} \times \frac{20}{14}$

10. Divide -  $\frac{2}{5} \div \frac{12}{15}$



## SCIENCE

### A. Creative Story or Comic Strip

Description: Students will write a short story or create a comic strip that personifies solids, liquids, and gases. Illustrate how they interact in everyday life. Use colourful A4 Sheets to make it more creative.

**PHASES OF MATTER COMIC PROJECT**

**RUBRIC TEMPLATE DIRECTIONS**

**EVERYTHING IS BASICALLY A PILE OF ATOMS.**

WHETHER WE CALL THAT PILE A SOLID, LIQUID, OR GAS DEPENDS ON HOW CLOSE TOGETHER THOSE ATOMS ARE AND HOW FAST THEY ARE MOVING.

**gas**      **liquid**      **Solid**

THE FAST ONES FLY APART FROM EACH OTHER. THESE ARE GASES.

LIQUIDS' ATOMS ARE CLOSER TOGETHER AND SLOSH ABOUT IN THEIR CONTAINERS.

AND THEN THERE'S SOLIDS. SOLIDS HUDDLE TOGETHER AND THE ATOMS MOVE SLOW.

SO SLOW THAT WE OFTEN ROUND DOWN TO SAY THEY AREN'T MOVING AT ALL.

**States of Matter**

**Solid**

- Particles in a solid are tightly packed, usually in a regular pattern.
- Particles in a solid will vibrate but cannot move past each other.
- Solids retain their shapes.

**Liquid**

- Particles in a liquid are close together with no regular pattern.
- Particles in a liquid flow and can easily move or slide past one another.
- Liquids assume the shapes of their containers.

**Gas**

- Particles in a gas are well separated with no regular pattern.
- Particles in a gas vibrate and move freely at high speeds.
- Gases assume the shapes of their containers.

### B. Solve the questions based on the case study in the science notebook.

1. Riya performed an experiment where she heated a solid, and it directly turned into gaseous state without passing through the liquid state. Which process is responsible for this transformation? Explain it.
2. Which of the phenomena is an example of the physical change? Explain it.



## SOCIAL STUDIES

- A. Think about things we use in our daily lives, like sprays and chemicals, which can be harmful to the ozone layer and make global warming worse. Identify ways in which we can use such things judiciously to help keep our planet safe on A4 sheet.



**B. Solve the following in your notebook:**

Choose the correct option.

- The Meenakshi Temple is in  
a. Madurai      b. Kolkata      c. Chandigarh      d. Delhi
- Kuchipudi originated in  
a. Tamil Nadu      b. Andhra Pradesh      c. Odisha      d. Maharashtra
- Which of these is the folk music of Tamil Nadu?  
a. Baul      b. Bihugeet      c. Lavani      d. Nattupura Pattu
- Artefacts include  
a. Sculptures      b. coins      c. figures      d. All of these
- Which is the thinnest layer of the Earth?  
a. Crust      b. Mantle      c. Outer core      d. Inner core

**C. Match the following**

- |                        |                        |
|------------------------|------------------------|
| 1. The sun temple      | a. Maharashtra         |
| 2. The pahari painting | b. Uttar Pradesh       |
| 3. Chhau               | c. Konark, Odisha      |
| 4. Lavani              | d. Miniature paintings |
| 5. Fatehpur Sikri      | e. West Bengal         |



## HINDI

1. वर्ष 2020 टोक्यो ओलंपिक में भारत को पदक दिलाने वाली महिला खिलाड़ियों के चित्र अपनी परियोजना पुस्तक में चिपकाए। साथ ही उनसे संबंधित खेल तथा उनके नाम भी लिखे ।
2. काल के सभी भेदों से पांच -पांच वाक्य बनाएं। इस कार्य को आप अपने उत्तर पुस्तिका में करें।
3. हिन्दी सुलेख की अलग कॉपी बनाएं एवं १५ पेज सुलेख लिखें ।

## COMPUTER

Make a poster on 'Be Kind' by using all the tools that you have learnt in Paint 3D. Bring the file by taking print out of it.







## SANSKRIT

1) किन्ही पंद्रह अव्यय शब्दों को उनके संस्कृत अर्थ के साथ लिखें व याद करें।

## FRENCH

1. Draw or paste the picture of a rainbow in a French notebook and write the color's name in French.





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