



KALKA PUBLIC SCHOOL

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KALKA PUBLIC SCHOOL ALAKNANDA



SESSION 2025-2026

CLASS VI

A Journey of Learning and Fun

Dear Students & Parents,

As we have approached summer vacations, I wish you all a joyful and relaxing break with a quality family time.

This much awaited break is also the time to recharge, pursue interests and create lasting memories with family and friends. This is the time to reflect on one's accomplishments and failures and also envision the exciting possibilities for the next part of the academic year.

Do engage in meaningful activities, prioritize physical and mental wellbeing and be grateful to almighty for all possible blessings you have in your life and have a lot of fun.

Following is the holiday homework given to students, which has been creatively crafted by your mentors to keep you engaged with curious projects and assignments to make you ready for the year ahead, where you are refreshed to embrace new challenges.



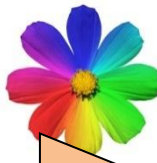
Further we at KPS are grateful for the continued partnership and support of the parents as always shown.

Looking forward to see rejuvenated you on 1st July, 2025.

Wishing you a blissful summer vacations ahead!

Best Regards,

Dr Anju Mehrotra (Director / Principal)



GENERAL INSTRUCTIONS:

- Homework must be done in a very neat and presentable manner. It will be assessed on the basis of neatness, handwriting, creativity, presentation and completion of all the questions & indexing of work. It will be a part of internal assessment.
- Avoid cutting and overwriting.
- Creativity and Originality of work will be appreciated.
- Homework comprises of two parts .

PART-A SUBJECTIVE that includes assignment.

PART-B ART INTEGRATED PROJECT.

Read the instructions carefully for each Subject and submit it accordingly.

SUBMISSION OF HOLIDAY HOMEWORK : 7th July 2025



PART A : SUBJECT BASED QUESTIONS

ENGLISH (101)

GENERAL INSTRUCTIONS:

- **PART A** contains a set of questions to be attempted in Grammar **Notebook only**.
- Be more sustainable without incurring extra costs.
- Add photos, drawings, stickers, and colors to make your project engaging.

PART A

1.Click the link or scan QR code given below for the Thinksheet.

https://drive.google.com/drive/folders/1PJ_XPOOsXxVOVUI9OHyxkiSa9WfpxGfS?usp=sharing



2. Learn and revise all the chapters done in class till now.

PART - B

This holiday homework integrates English learning with creative expression and environmental awareness.

Use your creative skills & Complete the following activities:

1. Reading Skills:

a. Read any one of the following books and describe your favorite character in 50-70 words:

*The Blue Umbrella by *Ruskin Bond**

*Malgudi Days by *RK Narayan**

b. Create a 5-frame comic strip of your dream birthday celebration. Include at least 5 vocabulary words from the lesson-

“Happy Birthday” (Theme: Celebrations)

c. Make a thin Notebook and write 5 words, which may be new for you, from the Newspaper and learn its spelling, write its meaning and make interesting sentence in your own words.

2. Speaking Skills:

Read the next two chapters in Literature, with correct pronunciation of each word and due regards to be given to the punctuation marks also. Reading should be done aloud and in front of the mirror. Memorize the spellings also.

The same would be assessed after the vacations as a part of your ASL.

3. Writing Skills:

Write a short paragraph (100-120 words) on the topic “My Visit to the Zoo”.

*In your paragraph, try to include examples of the kinds of nouns.

*Underline or highlight each noun and label its type in brackets.

4. Word Play and Grammar Fun:

- Make a “Word Tree” - Pick a root word (e.g., “act”) and branch out related words (action,



actor, react).

. Design a crossword puzzle (10-15 words) using vocabulary from your English textbook.

. Write five humorous sentences using homophones (e.g., "The knight fought at night.").

HINDI (085)

निर्देश :-

- एक अपनी एलबम बनायें ,जिसमें मेरा परिचय ,विलोम शब्द और पर्यायवाची शब्द सुंदर तरीके से लिखें।
- कवर पेज को सुंदर शब्दों और रंगों से सजाकर अपनी एलबम को कोई एक नाम दें ।
- यह कार्य स्ट्रैप बुक में कर सकते हैं ।
- प्रश्न 2 और 3 के लिए एक अलग नोटबुक बनायें ।

प्रश्न-1 मेरी अपनी शब्दों वाली एलबम

नाम: "शब्दों की जादुई दुनिया"

भाग 1: मेरा परिचय

पहले पृष्ठ पर आपकी फोटो के साथ हिंदी में आपका परिचय (50-60 शब्दों में)

भाग 2 : विलोम शब्द (Antonyms)

- कोई 10 विलोम शब्द लिखकर उसका वाक्य में प्रयोग करें ।
- हर विलोम शब्द से सम्बंधित चित्र होना चाहिए ।
- विलोम शब्द के दोनों शब्द एक वाक्य में प्रयोग होने चाहिए।
- यहाँ विलोम शब्दों के कुछ उदाहरण भी दिए जा रहे हैं ,आप इनके अलावा भी अन्य विलोम शब्दों का प्रयोग कर सकते हैं ।
- इन सभी विलोम शब्दों को याद भी करें ।

विलोम शब्द

अच्छा	बुरा	गुण	दोष	सोना	जागना
बड़ा	छोटा	लाभ	हानि	उठना	गिरना
काला	सफेद	कम	अधिक	खोना	पाना
हल्का	भारी	सस्ता	महंगा	हँसना	रोना
दूर	पास	मजबूत	कमजोर	जोड़ना	तोड़ना
ऊपर	नीचे	जीत	हार	नया	पुराना
ऊँचा	नीचा	ताजा	बासी	धीमा	तेज
रायों	बायों	कच्चा	पक्का	साफ	गन्दा
ठण्डा	गरम	आरम्भ	अन्त	खुला	बन्द
कोमल	कठोर	अपना	पराया	जल्दी	देर
खाली	भरा	असली	नकली	सूखा	गीला
अन्दर	बाहर	खरा	सोटा	आगे	पीछे
प्रेम	घृणा	खट्टा	मीठा	अमला	पिहला
मित्र	शत्रु	बहिष्कार	सुख	जीवन	मृत्यु
सुख	दुख	आसान	कठिन	कृतज्ञ	कृतघ्न
सही	गलती	सीधा	ढेढ़ा	दयालु	निर्दयी
हाँ	नहीं	मोटा	पतला	कंचूस	खर्चीला
सच	झूठ	प्रथम	अन्तिम	मेहनती	आलसी
प्रश्न	उत्तर	हल्का	गहरा	स्वतन्त्र	परतन्त्र
वीर	कायर	ठीला	चुस्त	सरस	नीरस
रात	दिन	यहाँ	वहाँ	सम	विषम
प्रकाश	अन्धकार	अब	तब	शान्ति	कोलाहल
अमीर	गरीब	आना	जाना	चमकीला	धुंधला
		लेना	देना	खराब	बदब



✧ उदाहरण :- अँधेरा -उजाला / सफ़ेद -काला

- अँधेरा समाप्त होते ही चारों तरफ उजाला फैल गया।
- उसके जूते सफ़ेद और काले रंग के थे, जो बहुत अच्छे लग रहे थे।



अँधेरा



उजाला



सफ़ेद



काला

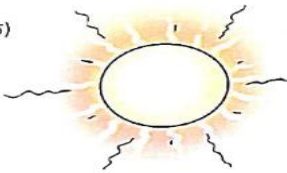
★ भाग 3: पर्यायवाची शब्द (Synonyms)

- 10 पर्यायवाची शब्दों की वर्ग पहेली चित्र सहित बनायें।
- पर्यायवाची शब्दों के उदाहरण भी दिए गए हैं।
- वर्ग पहेली के कुछ उदाहरण दिए जा रहे हैं, आप इन उदाहरणों को ध्यान में रखकर 10 सुंदर वर्ग पहेलियों का निर्माण करें।

शब्द	पर्यायवाची
हवा	पवन, वायु, समीर, वात, बयार, प्रकंपन, समी।
घर	गृह, सदन, आवास, आलय, गेह, निवास, निलय, मंदिर।
अमृत	सुधा, सोम, पीयूष, अमिय, जीवनोदक।
अग्नि	आग, अनल, पावक, वह्नि।
अश्व	घोड़ा, हय, तुरंग, वाजी, घोटक, सैधव, तुरंगा।
आकाश	गगन, नभ, आसमान, व्योम, अंबर, धौ, अंतरिक्ष, अनंत।
आँख	नेत्र, दृग, नयन, लोचन, चक्षु, अक्षि, अंबक, दृष्टि, विलोचन।
जल	वारि, पानी, नीर, सलिल, तोय, उदक, अंबु, जीवन, पय, अमृत, मेघपुष्पा।
नदी	सरिता, तटिनी, तरंगिणी, निर्झरिणी, आपगा, निम्नगा, कूलंकपा।
पवन	वायु, समीर, हवा, अनिल।

1. चित्र देखकर उनके नाम के समानार्थी से वर्ग-पहेलियाँ पूरी कीजिए-

(क)



(ख)



(ग)



**प्रश्न -2 (पठन कौशल पर आधारित प्रश्न)**

नीचे दिए गए निर्देशों के अनुसार किसी एक लेखक या लेखिका की कहानी पढ़ें और दिए गए प्रश्नों के उत्तर लिखें।

◆ लेखक या लेखिका का नाम (कोई एक चुनें):

- महादेवी वर्मा
- मुंशी प्रेमचंद
- सुधा मूर्ति

- कहानी का नाम:
- कहानी का सार (5–6 पंक्तियों में):
- कहानी से मिलने वाली सीख:
- आपको कहानी का कौन सा पात्र अच्छा लगा और क्यों?
- कहानी से जुड़ा हुआ कोई दृश्य (चित्र) जो आपको पसंद आया हो।

प्रश्न-3 हिंदी पाठ्यपुस्तक (पाठ 1 से 5 तक) हर पाठ से 10-10 कठिन शब्द लिखें व याद करें तथा 10 पेज सुलेख लिखें।

MATHEMATICS (041)

Comprises of two projects (Choose any one from each section) and one THINK SHEET

SECTION A : Theme : Let us rejuvenate the body energy through Yoga asanas with maths.

PROJECT I : Objective : Learners will create an educational poster that illustrates at least five yoga poses, each demonstrating different types of angles. Learners will construct and label different types of angles—acute, right, obtuse, straight, reflex, and complete—using paper and ice cream sticks, enhancing their comprehension of geometric principles. This project aims to enhance students' understanding of geometric concepts through real-life applications.

1) For poster making: Choose 5–6 yoga poses that distinctly form different angles.

Examples include:

- Triangle Pose (Trikonasana): forms a right angle between the legs.



- Warrior II (Virabhadrasana II): arms extended horizontally, forming straight angles.
- Downward-Facing Dog (Adho Mukha Svanasana): creates acute angles at the hips.
- Extended Side Angle (Utthita Parsvakonasana): demonstrates obtuse angles between the torso and front leg.
- Tree Pose (Vrikshasana): the bent leg forms an acute angle at the knee.

The Link is for reference only:

<https://youtu.be/MKYCm28ahNA?si=wHNuw72tx7-MxPx0>



2) Hands on angle display (make different angles : Acute, obtuse, right angle , reflex angle, complete angle)



Reference link : https://youtu.be/WBNGEQGq8lQ?si=-OAnAuP_MqHpj1Kr

Material required - cardboard, 2 colour chart paper, gum, colours, scissors.

PROJECT II:

Lines and Angles (Creative Activity)

Objective: Understand the types of lines and angles and how to measure them.



Creative Activity: "Angle Scavenger Hunt"

Go on a scavenger hunt around your house or outside. Find and take pictures of real-world examples of angles and lines (e.g., corners of furniture for right angles, intersecting lines in roads, parallel lines in a window frame etc).



The Link is for reference only:

<HTTP://YouTube.com/shorts/iOdMic9Hjco?si=qXIN-ai87XUoUc wd>

Categorize and label the angles you find (e.g., acute, obtuse, right angles).

Make a 3D project by showing various angles and lines as shown above

Material required - cardboard, 2 colour chart paper, gum, colours, scissors.

- **Let us do some brain storming questions to foster the concepts in the form of Think sheet.**

Students can either Click the link given below to open the THINKSHEET Or copy and paste the given below url in google search.

<https://drive.google.com/file/d/1rsnhi8iKlSEPI8cPg4NOHVp27xVmEdb2/view?usp=sharing>



SCIENCE (086)

Activity 1: Mindful Eating: The Path to a Healthy Body

Prepare a meal plan for yourself for one week

(7 days – breakfast, lunch, snacks and dinner).

Then, categorize each food item under the three main types:

- Energy-Giving Foods (e.g. rice, bread, oil, sugar)
- Body-Building Foods (e.g. milk, pulses, meat)
- Protective Foods (e.g. fruits, vegetables, nuts)

Instructions:

- 1.Make a table with 3 columns:
 - Day & Meal (e.g., Monday – Breakfast)
 - Food Items
 - Category (Energy-Giving / Body-Building / Protective)
- 2.Include at least one item from each category in your daily diet.
- 3.Make it colorful or decorate with food cut-outs/pictures.



For reference: [Here is a sample One-Week Meal Plan table with food categories and a short paragraph for your project:](#)

Day & Meal	Food Items	Category
Monday – Breakfast	bread toast, boiled egg, apple	Energy-Giving, Body-Building,
Monday – Lunch	Rice, dal, mixed vegetable curry, cucumber salad	Energy-Giving, Body-Building, Protective

Fun Add-On:

4.Watch the given video carefully and answer the following questions based on your observation.

<https://youtu.be/tsgyWlsYvxs?feature=shared>

- 1.Why is it important to consume a variety of foods from all levels of the food pyramid?
- 2.Which foods gave you most energy?
3. What could you eat more or less of?
- 4.According to the video, what are some consequences of not following the guidelines of the food pyramid?



Activity 2- Exploring Plants through Natural Collections

Objective:

To observe and understand the differences between:

- Tap root and fibrous root
- Reticulate and parallel venation
- Monocot and dicot plants based on cotyledons

Instructions:

1. Collect plant samples from your surroundings (garden, park, pots, fields, etc.).
2. Choose at least:
 - 2 monocot plants (e.g., grass, maize)
 - 2 dicot plants (e.g., bean, mango)
3. For each plant, observe and record the following:
 - Type of root (Tap root or Fibrous root)
 - Type of leaf venation (Reticulate or Parallel)
 - Type of seed (Monocot or Dicot – based on number of cotyledons)
4. Dry and paste the leaves in your scrap-book or on a chart.
5. Make a table like this:

S.No	Name of Plant	Cotyledon Type (Mono/Dicot)	Type of Root	Leaf Venation	Seed Shape (if available)	Other Observations

6. If seeds are available at home, paste or draw pictures of them too.
7. Add a creative title, decorate your work neatly, and use color-coded labels for clarity.

SOCIAL SCIENCE (087)

1.Map Work:

On the map of India, identify and mark the state or union territory that corresponds to each of the following descriptions:

- a) A leading producer of wheat.
- b) Renowned for having the highest literacy rate.



c) Popular for the traditional dish makki ki roti and sarson ka saag.

d) The smallest state and largest state in terms of geographical area.

2. 🌸 Discover the Vibrant Culture and Beauty of Sikkim! 🌸

Explore and present the following about the enchanting Indian state of Sikkim:

◇ Its colorful festivals



- ◇ Languages spoken
- ◇ Traditional dress
- ◇ Famous local foods
- ◇ Current Chief Minister & ruling party
- ◇ Popular tourist destinations

🧠 *Design this information neatly and attractively on an A3 size sheet using headings, bullet points, and illustrations.*

3. 🌙 Moon Watchers Project – A 15 -Day Sky Journal! 🌙

Become a young sky explorer!

Observe the night sky daily from 27th May to 12th June 2025 and track the changing phases of the moon.

📌 **What you need to do:**

- Maintain a moon diary — record the moon's shape each night (draw or describe it).
- Note the date and any special observations (e.g., color, position, stars nearby).
- At the end of 15 days, use your notes to create a 3D model showing the Phases of the Moon. (You can use clay, paper, thermocol, or any material of your choice.)



🔗 **Be creative, be curious, and bring the moon closer to home!**

4. WORKSHEET

Note: Do answers of the following questions provided in the given link in notebook :

https://drive.google.com/file/d/1c_4gtJFsH77RkNTkq25pwOrNWMBizuEC/view?usp=drivesdk



5. Revise all chapters done till date thoroughly.

SANSKRIT (119)

सामान्य निर्देश-

- प्रश्न 1 संस्कृत की उत्तर पुस्तिका में कीजिए।
- प्रश्न 2 के लिए पुराने शादी के कार्ड या रंगीन पेपर, रिबन और स्केच पेन का प्रयोग करें।
- उदाहरण चित्र और लिंक की सहायता से कार्य पूर्ण करें।
- कार्य करते समय लेख की सुंदरता का विशेष ध्यान रखें।

1. संसाधनों का संतुलित उपभोग आज के युग की एक महत्वपूर्ण आवश्यकता है। हमारे चारों ओर अनेक प्रकार के प्राकृतिक संसाधन हैं। किन्हीं 5 प्राकृतिक संसाधनों के नामों को लिखकर चित्र सहित वर्ण विच्छेद कीजिए।

उदाहरण:-



वनम्=



जलम्=

2. संस्कृत भाषा में तीनों लिंग (पुल्लिंग, स्त्रीलिंग, नपुंसकलिंग) को तीनों वचनों (एकवचन, द्विवचन, बहुवचन) में दर्शाते हुए एक-एक सुंदर सा वॉल हैंगिंग (दीवार लटकन) बनाएँ।



जैसे-

एकवचन	द्विवचन	बहुवचन
बालकः	बालकौ	बालकाः
बालिका	बालिके	बालिकाः
पुस्तकम्	पुस्तके	पुस्तकानि



3. पुराने कैलेंडर, कार्डबोर्ड और स्केच कलर का प्रयोग करते हुए संस्कृत में पठ्, लिख्, चल् धातु रूपों का एक सुंदर सा धातु यंत्र लट्‌लकार (वर्तमानकाल) में बनाएँ।



(सहायता के लिए इस लिंक को देखें।)

link- <https://youtu.be/828ibw1qcJE>

INFORMATION TECHNOLOGY (402)

General Instructions:

1. All work should be done neatly on A4-size sheets.



2. Use colours, sketches, or printed images to make your work presentable.
3. Assessment will be based on creativity, neatness, presentation, and concept clarity.

Tasks:

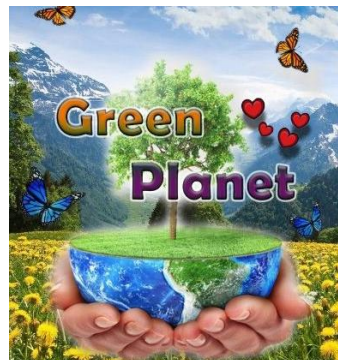
Q1. Research and Reflect

- Learn about one eco-friendly technology (like green data centers, AI for smart farming, or energy-saving apps).
- Write 5-6 lines explaining how it helps conserve resources.
- Make it colourful with small drawings or symbols (like 🌱 ⚡ 💧).



Q2. Design a Pledge Poster: My Digital Pledge for a Greener Planet

- Make a creative poster listing 5 promises you'll follow for balanced internet usage and resource conservation.
- Decorate with drawings, slogans, and stickers related to technology and the environment.



**PART B : ART INTEGRATED PROJECT**

From the five projects given below, carefully choose as according to your Roll No. and proceed to complete it in accordance with provided instruction.

PROJECT 1 ENGLISH (ROLL NO -01-08)

PROJECT 2 HINDI (ROLL NO -09-16)

PROJECT 3 SCIENCE (ROLL NO -17-24)

PROJECT 4 SOCIAL SCIENCE (ROLL NO -25-32)

PROJECT 5 MATHEMATICS (ROLL NO -33-45)

PROJECT-1 ENGLISH**Art Integration Activity: A Balanced Consumption of Resources**

Draw or paste a picture showing a scene of either wastage or wise use of resources. Write a short story (based on the picture with a moral about balanced consumption.

Give your story a creative title!

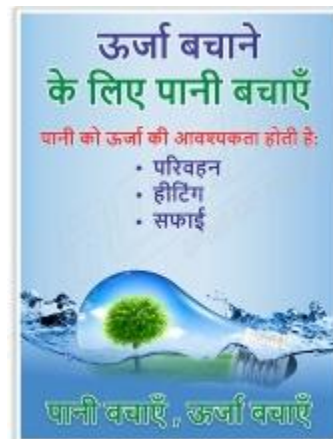
PROJECT-2 HINDI**परियोजना कार्य**

विषय: "संसाधनों की संतुलित खपत – एक ज़रूरी कदम"

निर्देश

☒ प्रस्तुति का तरीका:

- A-3 साइज शीट या चार्ट पेपर का प्रयोग करें।
- कार्य को साफ-सुथरे और रंगीन तरीके से प्रस्तुत करें।
- हेडिंग, बॉर्डर, और चित्रों के साथ सजाएँ।





- अंत में अपना नाम, कक्षा, और रोल नंबर जरूर लिखें।
- रंगीन चित्रों, रंगीन पेन और स्लोगन का प्रयोग करें।

✂ पोस्टर बनाइए:

“जल बचाओ – जीवन बचाओ” या “बिजली बचाओ – पृथ्वी बचाओ” जैसे किसी एक विषय पर स्लोगन के साथ रंगीन व प्रभावशाली पोस्टर तैयार करें।

PROJECT-3 SCIENCE

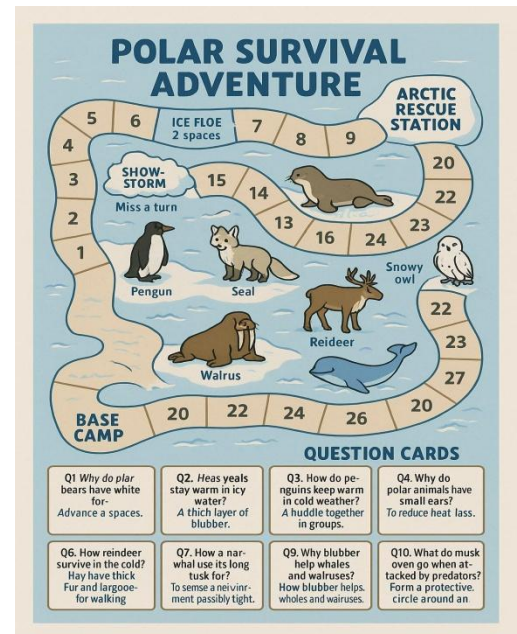
Activity 3:

Design a board game based on the adaptations of animals living in one of the following habitats:

- Desert
- Aquatic
- Polar

Instructions:

1. Choose one habitat (Desert, Aquatic, or Polar).
2. Create a board game (like Snakes & Ladders, Ludo, or a path-style game).
3. Use pictures or drawings of animals from that habitat.
4. Include at least 10 question cards related to animal adaptations in your chosen habitat.
5. Players must answer a question correctly to move forward.



PROJECT-4 SOCIAL SCIENCE

SUSTAINABILITY IS OUR RESPONSIBILITY

Project Title : “Our Earth and Balanced Use of Resources” (SDG 12)

Diorama (Art + Social Science)

- Create a simple Diorama showing a village or city using sustainable practices:
 - Solar energy panels
 - Rainwater harvesting system
 - Public transport or bicycles



- Label each element and explain its role in resource conservation.



PROJECT-5 MATHEMATICS

SECTION B :

THEME : BRIDGE THE GAP - AN ACTIVITY BASED LEARNING

Project III: Mandalas & Math: "The Geometry of Rangoli"

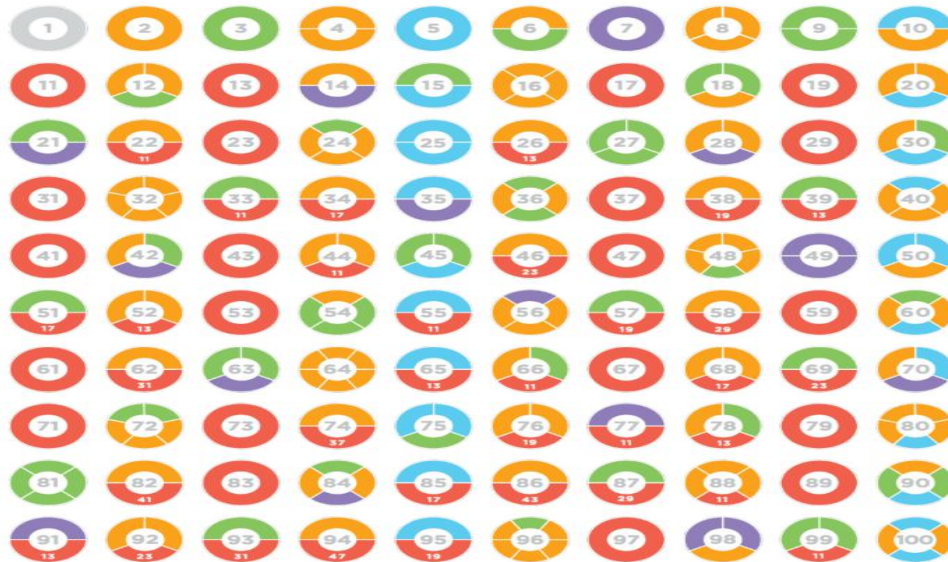
Objective: To enhance creativity and deepen understanding of geometric shapes, symmetry, and spatial arrangement. Learners to design an eco-friendly rangoli 3D poster using materials like rice flour, colorful paper flower petals, colored sand, and geometric shape cutouts.

Also write down the properties of all the geometric shapes used in the rangoli on an A4-sized sheet.



PROJECT IV :Number Quest: Brain storming Challenge

Objective: Learners will create a number grid using cardboard and colorful papers to play an interactive game. During the game, they will actively sort and color-code numbers to differentiate between odd, even, prime, and composite numbers. By marking multiples, factors, and applying divisibility rules on the grid, learners will identify and analyze relationships between numbers and discover patterns within the number system.



Sample Challenge Cards:

- Is 37 prime or composite? Explain why.
- List all factors of 24.
- Is 60 divisible by 3? Use the divisibility rule to explain.
- Name the multiples of 5 between 1 and 50.
- What prime numbers multiply to make 30?
- Is 97 odd or even? Is it prime or composite?

Note: The sample challenge cards provided above are intended to serve as examples. Please create your own challenge cards, ensuring they are original and reflect your best efforts.

