



**ADARSH VIDYA NIKETAN**  
**SENIOR SECONDARY SCHOOL**  
**SECTOR -19, FARIDABAD**

**HOLIDAY**  
**HOMEWORK**  
**CLASS-VI**  
**SESSION**  
**2024-25**

**SUMMER**







## ENGLISH

### 1. NOUN TOWN (Roll no. 1 to 7)

In noun town project students will individually create a person, place, animal and thing to go in town. This is a fun way for students to show what they know about nouns.

#### INSTRUCTIONS:

To create a noun town cut or tear paper art and construction paper to create or draw their nouns and cut them out to create a noun town. Try to use all kinds of nouns like collective, material, abstract, proper and common noun. The students must not copy the picture given below. Their art should be based on their own creativity and imagination.

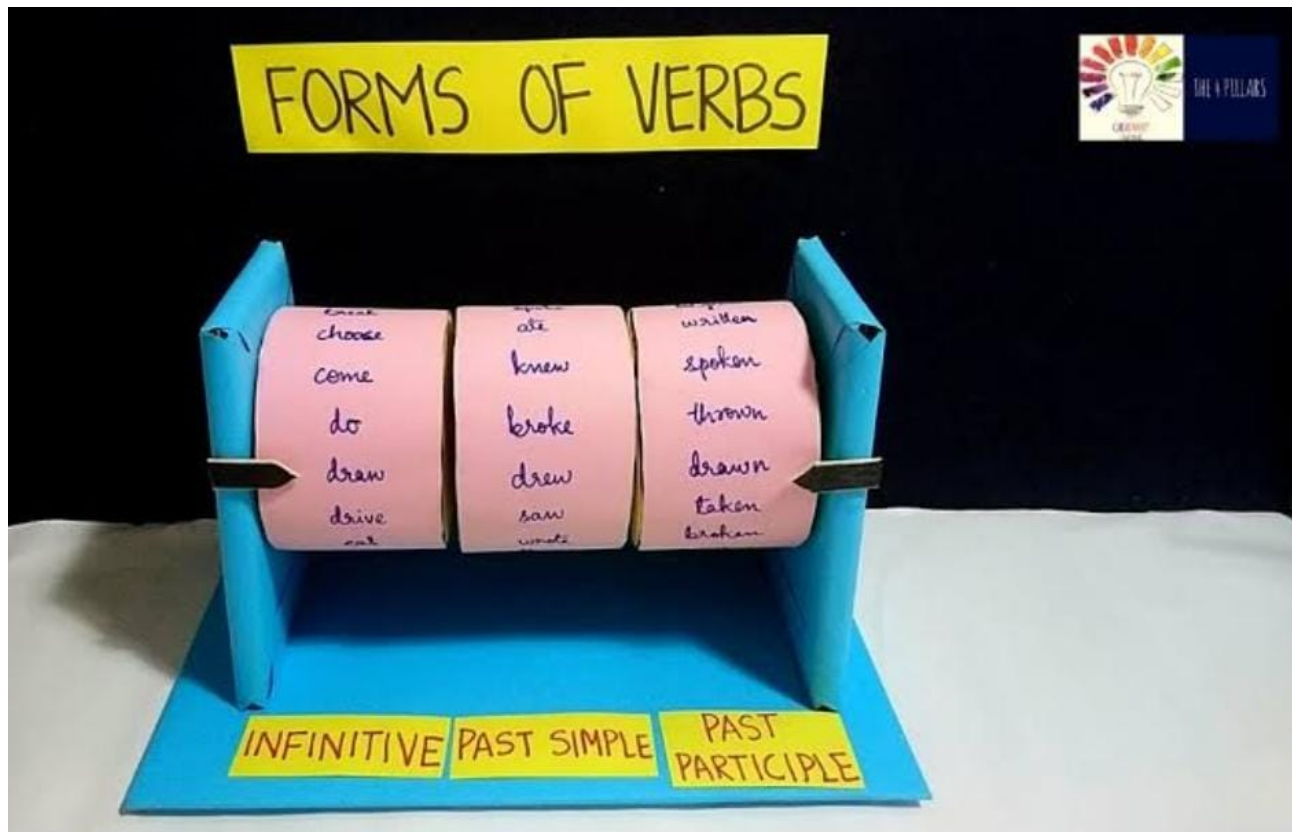






## 2. VERBS WHEEL (Roll no. 8 to 14)

Verbs wheel is a 3D model to show different forms of verbs. This will help the students in learning different forms of verbs



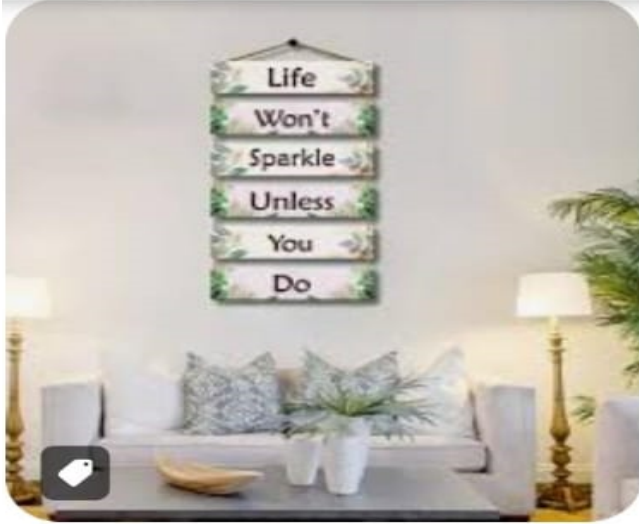
## 3. QUOTATIONS WALL HANGING (Roll no. 15 to 22)

Wall hanging is a large decorative piece of fabric or other material to be hung on the wall of a room.

### INSTRUCTIONS:

1. Design your shape: Choose a design or theme for your wall hanging.
2. Cut out shapes
3. Write beautiful quotations creatively.
4. Create hanging element.
5. Attach hanging element.





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#### 4. PEN STAND WITH ABSTRACT NOUN (Roll no. 23 to 29)

Abstract noun refers to something non physical something conceptual that you cant perceive from your senses. Example : truth, honesty.

INSTRUCTIONS- refer to BBC for list of abstract nouns

Craft a pen stand with paper or cardboard. Write 10-15 abstract nouns on all the outer walls of the pen stand. Decorate and make it colourful with your imagination.



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## हिंदी

निर्देश - \* कार्य सफाई से तथा सुंदरता पूर्वक करें।

\* हिंदी पाठ्यपुस्तक और व्याकरण उत्तर पुस्तिका में जितना कार्य करवाया गया है उसे याद भी करें

प्रश्न 1 निम्नलिखित विषयों पर अनुक्रमांक के आधार पर चार्ट अथवा प्रोजेक्ट तैयार करें:-

- कारक और उसके विभक्ति चिन्ह (1-5)
- विराम चिन्ह (6-10)
- विशेषण और उसके भेद (11-15)
- अव्यय और उसके भेद (16-20)
- संज्ञा और उसके भेद (21-25)
- हमारे भारत में बोली जाने वाली किन्हीं 10 भाषाओं के नाम उनकी लिपि तथा उन्हें वाक्य में प्रयोग करके दिखाएं। आप चिपका भी सकते हैं और स्वयं लिख भी सकते हैं। (26- अंत तक)

प्रश्न 2. चार्ट पेपर पर एक भारत श्रेष्ठ भारत के स्वप्न को अपनाते हुए मणिपुर और हरियाणा के पारंपरिक व्यंजनों का नाम लिखकर उनका चित्र चिपकाइए उन्हें बनाने की विधि लिखकर उनमें प्रयोग होने वाली किन्हीं पांच सामग्रियों का नाम भी लिखिए।

प्रश्न 2 सभी के लिए अनिवार्य है।

## Maths

- Do the project as per your Roll no.

Project Work

### 1. Roll No. 1-4: Classification of Triangles

- Create a project on A3 size sheet or chart paper.
- Include definitions and diagrams for:
  - a. Equilateral Triangle: All sides equal.
  - b. Isosceles Triangle: Two sides equal.
  - c. Scalene Triangle: No sides equal.





## 2. Roll No. 5-8: Conversion of Units of Measurement

- Make a chart on A3 size sheet.
- Show conversions for:
  - a. Length: Meters to centimeters, inches to feet, etc.
  - b. Weight: Grams to kilograms, pounds to ounces, etc.

## 3. Roll No. 9-12: 2D Shapes - Area and Perimeter

- Prepare a chart on A3 size sheet.
- Define and illustrate with formulas:
  - a. Square: Area = side<sup>2</sup>, Perimeter = 4 × side.
  - b. Rectangle: Area = length × width, Perimeter = 2 × (length + width).
  - c. Triangle: Area =  $\frac{1}{2} \times \text{base} \times \text{height}$ , Perimeter = Sum of all three sides

## 4. Roll No. 13-16: Famous Mathematicians

- Write about two mathematicians. (A3 sheet)
- Include pictures and a few lines on their contributions.e.g.
  - a. Isaac Newton: Contributions to calculus, laws of motion.
  - b. Euclid: Father of geometry, author of "Elements".

## 5. Roll No. 17-20: Models of Fractions

- Create models demonstrating fractions.
- Use real-life scenarios like:
  - a. Pizza slices: Show how a whole pizza can be divided into fractions.
  - b. Clock: Illustrate how the clock face can be divided to represent fractions of an hour.

## 6. Roll No. 21-24: Types of Lines

- Draw and define different types of lines.
- Provide daily life examples:
  - a. Parallel Lines: Railway tracks.
  - b. Perpendicular Lines: Intersection of two streets.
    - a. Intersecting Lines: Scissors blades.

## 7. Roll No. 25 onwards: Factors Ninjas and Multiple Monsters

- Create a poster on A3 size sheet.
- Illustrate the concept of factors and multiples using creative characters:
  - a. Factors Ninjas: Characters that represent factors of a number.
  - b. Multiple Monsters: Characters that represent multiples of a number.



## SCIENCE

1. Revise all the chapters covered in the month of April and May.
2. Do the given project as per your Roll No.

Projects:

### **1. Roll No.1 to 5**

Prepare a Science Magazine on the theme "Environment". Use coloured sheets to make your holiday homework on science magazine. Make a nice cover. Use your imagination and creativity. The content should be of maximum 5 pages.

Some of things that you could put in the magazine are:

- a. Information about one famous environmentalist, his / her picture, and information about his/her work.
- b. (2-3) News clippings and articles about the environment
- c. Some (3-4) amazing / interesting facts.
- d. Puzzles/riddles/jokes/thoughts about the environment.
- e. Information about pollution in the river Yamuna or any other polluted place near your house. Visit the river / polluted place / a water source with your parents and write about it in the magazine.
- f. Write 5 things that you must keep in mind to keep the environment clean. Give your magazine a suitable title.

### **2. Roll No. 6 to 10**

Collect 4 different leaves, flowers and seeds. Dry them between news paper folds and paste them on different A3 size sheets. Write few lines about each.

### **3. Roll No. 11 to 15**

Make a mind map on deficiency diseases (Minimum 5) on half chart paper.

Include information: name of disease, cause, symptoms and prevention measures.

Also include relevant pictures and drawings.

### **4. Roll No. 16 to 20**

In India nearly 40 percent of food produced is wasted. Rrg a responsible citizen make a poster on how to stop food wastage at home and nearby places. Write a catchy slogan also. (Use A3 size sheet)

### **5. Roll No. 21 to 25**

Waste management in environment:

Household hazardous waste –It has a potential threat to public health and environment. They can be





highly reactive/ toxic in nature. These are home generated waste that should not be disposed of into a landfill.

Example: - drain cleaners, oil paints, motor oil, rodenticides, batteries, fluorescent lamps, medical waste, electronics waste like computer cd, cell phone etc. Spread awareness about this waste in your society by designing a colourful poster highlighting these wastes and safe methods.( Use A3 size sheet)

## 6. Roll No. 26 and above

Prepare a model of any land form (habitat like Desert, Mountain, Grassland, and Island etc) using waste materials available at your home.

## S.ST.

Q1. With the help of the given clues, search the words vertically or horizontally in the given word search:  
(for all the students)

M	E	R	I	D	I	A	N
Q	E	W	P	T	Y	U	H
E	Q	E	O	T	W	I	E
A	X	D	L	G	A	O	M
L	Z	F	E	V	Z	J	I
K	L	G	S	C	X	K	S
E	Q	U	A	T	O	R	P
J	K	H	S	X	J	L	H
H	J	J	D	X	M	M	E
F	F	R	I	G	I	D	R
D	A	Z	X	C	B	B	E

+

CLUES:

- 1 Lines of longitude are also known as what?
- 2 Imaginary lines that divide the Earth
- 3 Where do all lines of longitude meet?
- 4 The equator separates the globe into two \_\_\_\_\_
- 5 Coldest zone of the Earth.

## 2. PROJECT WORK

a) Make a colourful model on solar system (Roll no- 1 to 6)



- b) Make a manuscript. Take a broad leaf. Put it under a heavy book for ten days. On the leaf, write why do we study social science? (Roll no- 7 to 12)
- c) Make a flow chart of sources of history on A3 sheet with the help of pictures. (Roll no- 13 to 18)
- d) Make a beautiful poster on UNITY IN DIVERSITY (Roll no- 19 to 24)
- e) Make a Preamble on A3 size sheet.( Roll no- 25 onwards)

### संस्कृत

- 1 स्वकीय षट् मित्राणां नामानि लिखित्वा तेषां वर्ण विच्छेदं कुरुत ।  
(अपने 6 मित्रों के नाम लिखिए और उनका वर्ण विच्छेद कीजिए)
- 2 स्वकीय शरीराणां अंगानां नाम संस्कृते लिखत तथा तेषां अंगानां वचन, लिंग च अपि लिखत ।  
(अपने शरीर के अंगों के नाम संस्कृत में लिखिए तथा उन अंगों के वचन और लिंग भी लिखिए)
- 3 निम्न वर्गप्रहेलिकायाः पशुपक्षिणां नामानि चित्वा लिखत ।  
(निम्न वर्ग पहेली से पशु पक्षियों के नाम चुनकर लिखिए)

ग	भ	लू	पि	उ	सिं
र्द	भ	ल्लू	कः	लू	हः
भः	सा	रि	का	कः	का
वा	न	रः	शु	र	प
मृ	गः	र	कः	त	च

4. चित्रं दृष्ट्वा संस्कृते वाक्य लिखत ।

(चित्र देखकर संस्कृत में वाक्य लिखिए )



8 चित्र देखकर संस्कृत में वाक्य लिखिए-



5 सूर्योदयः तथा सूर्यास्तस्य चित्रं सहित पंच वाक्य लिखत

(सूर्योदय तथा सूर्यास्त का चित्र बनाकर उस पर पांच वाक्य संस्कृत में लिखिए)

6 कोअपि पंच वाक्य लिखित्वा येन संबन्धित कारकाः अपि लिखत ।

(कोई भी पांच वाक्य लिखकर उससे संबन्धित कारक भी लिखिए)

7 वर्ग प्रहेलिकया परिवर्तनीय तथा अपरिवर्तनीय धातु चित्वा लिखत ।

(वर्ग पहेली से परिवर्तनीय तथा अपरिवर्तनीय धातु चुनकर लिखिए)

च	प्र	भू	ल	पा
तृ	न	म्	र	व
छ	ह	स्	क्ष	श्
गै	ज	घ्रा	ष	खा
भ्	ग	म्	व	द्

8 पर्यावरण दिवसे भवतां एक वृक्षः उदितः तेषां तस्वीरं शिक्षिकां प्रेषित्वा

पर्यावरण दिवस पर एक वृक्ष उगाते हु एउसकी तस्वीर शिक्षिका को भेजे

**COMPUTER**



Q1) Multiple Choice Questions-

1. \_\_\_\_\_ is a sequence of values, cell reference, names of functions or operators.  
 a) Reference.      b) Formula.      c) Value
2. A range name must start with a \_\_\_\_\_.  
 a) Number.      b) Letter.      c) Symbol
3. \_\_\_\_\_ are specific values used in particular calculations.  
 a) Arguments.      b) Numbers.      c) Digits
4. \_\_\_\_\_ is a group of data from which a chart is derived.  
 a) Legend.      b) Data Series.      c) Plot Area
5. Text at the top of a chart is called \_\_\_\_\_.  
 a) Axis Title.      b) Chart title.      c) Value Axis
6. \_\_\_\_\_ chart has the shape of round pie cut into pieces or slices.  
 a) Scatter.      b) Pie.      c) Bar

Q2) Fill in the blanks

1. \_\_\_\_\_ and \_\_\_\_\_ are two ways of entering data in the Excel.
2. Excel recognises any data as a \_\_\_\_\_ when it begins with an equal to sign.
3. \_\_\_\_\_ is used to change the order in which Excel performs calculations
4. A formula using the \_\_\_\_\_ cell reference keeps the cell reference constant.
5. Charts are made up of a variety of elements, also called data \_\_\_\_\_
5. \_\_\_\_\_ are tiny, word-sized charts that can appear in a cell

Q 3) Open Excel and create the following worksheet.

	A	B	C	D	E
Planet Department Stores					
Monthly Sales					
S.No	Items	Quantity (kg)	Rate(per Kg) (Rs)	Total	
1	Rice	25	40		
2	Dal	30	55		
3	Ghee	50	220		
4	Rajma	35	45		
5	Salt	10	15		
6	Tea	45	70		





Now answer these questions

- Merchant centres the cell of row one and two and fill colour.
- Find out the total by using formula equal to C5 x d 5 in cell E5.
- Copy the formula to the rest of the cells.
- Change the font to 'Tahoma'
- Change the first line in the title size to 14 and make it bold and underline.
- Change the second line in the title size to 12 and shade road 3 blue.
- Select cell c10 to eaten and insert a bottom border.
- Place black border around the table.
- Save the workbook as "Monthly Sales".

Q4) open excellent create chart for the following worksheet.

Sales Analysis (2019-2021)				
Salesman no	2019	2020	2021	Sparklines
S531	34,650	35,490	38000	
S532	32000	34500	370000	
S533	33000	36700	37000	
S534	34200	35900	38000	

Answer the following questions

- Create sparklines Charts showing the sales of three years.
- Creat a Column Chart showing the sales of three years.
- Create a Pie Chart showing the performance of Salesman S533 for three years.
- Apply formatting on Row Header.

**G. K**

Revise all the chapters covered in the month of April and May.

Project Work:

1. Hey AVNities! Let us educate ourselves about our country-The incredible India.

Mark the states and their capitals on a political map of India and paste that map in your scrap book.

2. Perform few simple yogasanas daily. Draw/paste pictures of yogasanas performed by you in your scrap book.



Also mention name of yogasanas and their health benefits.

## **ART AND CRAFT**

Class 6 - Amazing Bright Color Sun Flower from paper

Required material - Card board, colorful sheet, fevicol and decorative material.

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