



**G.D. GOENKA**  
INTERNATIONAL SCHOOL ROHTAK



*HAPPY*  
**Holidays**



**JANUARY 2025  
WINTER BREAK**



**GRADE: PRE NURSERY - IV  
WINTER HOLIDAY HOMEWORK  
2025**





Dear Students and Parents,

Wishing you all a warm and joyful Winter Break! As the temperatures drop, please prioritize staying warm & cozy.

Remember to dress in layers, wear warm clothing, and stay indoors during extreme cold weather.

Enjoy this well-deserved break and stay safe!

Here are some guidelines from the principal to parents to protect students from winter:

Dear Parents/Guardians,

As winter sets in, we want to ensure our students stay safe and warm.

Date of School Opening : **Thursday 16<sup>th</sup> January 2025**

**Please note the following guidelines:**

1. Dressing: Send your child in warm, layered clothing (thermal, sweater, gloves, scarf, and warm socks).
2. Footwear: Ensure your child wears warm, waterproof shoes or boots.
3. Headgear: Encourage your child to wear a warm hat or cap.
4. Timely Arrival: Ensure your child reaches school on time to avoid waiting in the cold.
5. Stay Indoors: During extreme cold, students will stay indoors during recess and breaks.
6. Healthy Diet: Encourage your child to eat nutritious food to stay warm and healthy.
7. Hydration: Remind your child to drink plenty of water throughout the day.

**Thank you for your cooperation.**

**MS. RITU SINDHU**

**PRINCIPAL, GDGIS**

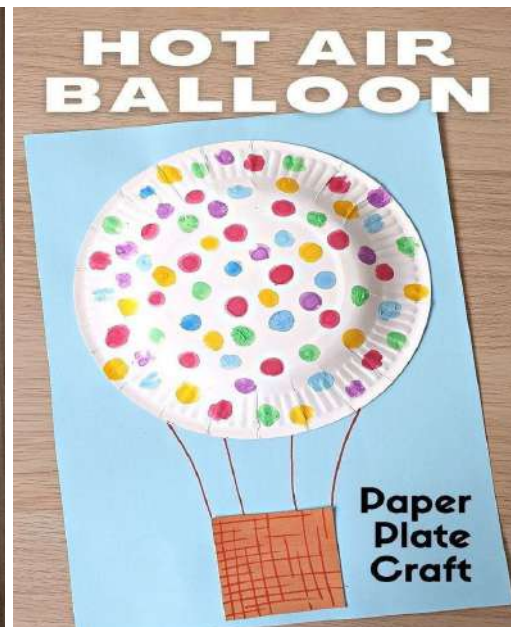


## **Important Note:**

- **Making of Working Model and Chart is Mandatory.**
- **Working mode and chart consist of 10-marks which will be included in SA2 exams.**

### **Working Model**

- 1. Make a House with ice-cream sticks.**
  - 2. Make a Hot Air Balloon with paper plate.**
- See the below picture for reference:-**



Worksheet 1

Match the picture with the alphabets:-

D

A

B

C

E

G

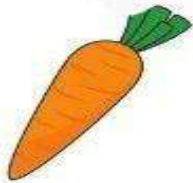
F





## Worksheet 2

Match the picture with "H" sound:-



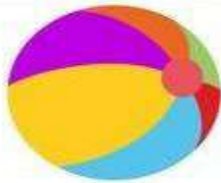
Worksheet 3

Circle the matching letter:-



A

A B A D F A  
D D F A G H  
A J U U U A



B

C B Z D F K  
D D K B G H  
B K B U U B



C

A B A D C A  
D C F A G H  
A J U U C A



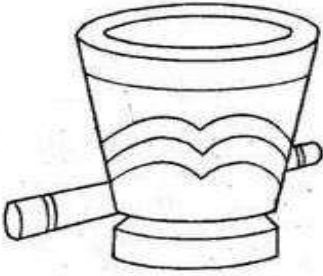
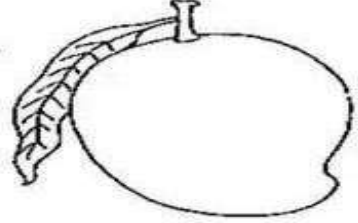
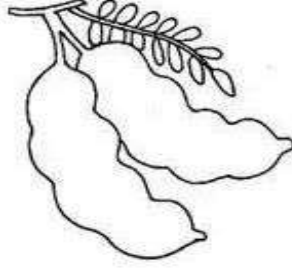
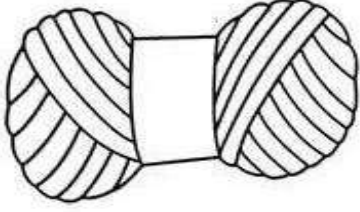
D

A B A D F A  
D G B D U H  
B J U B U D

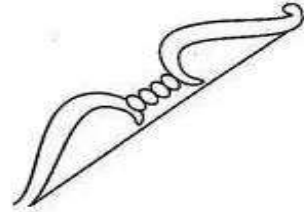
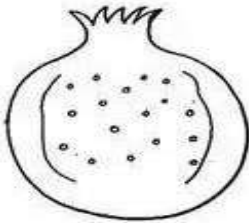
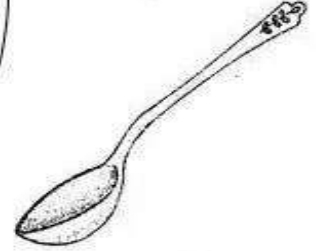
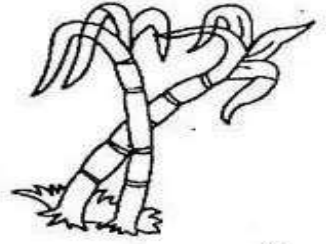
HINDI

Worksheet 1

मिलान करो और चित्र में रंग भरो



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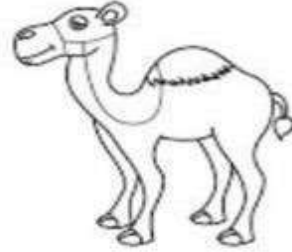
सही अक्षर पर गोला लगाओ

ऐ अ ऊ



ऐ अं ऊ

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MATH

Worksheet 1

Trace and Write

	1	1	1	1	1
	2	2	2	2	2
	3	3	3	3	3
	4	4	4	4	4
	5	5	5	5	5
	6	6	6	6	6
	7	7	7	7	7
	8	8	8	8	8
	9	9	9	9	9
	10	10	10	10	10



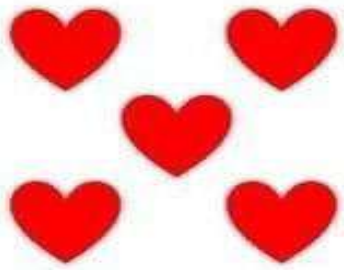
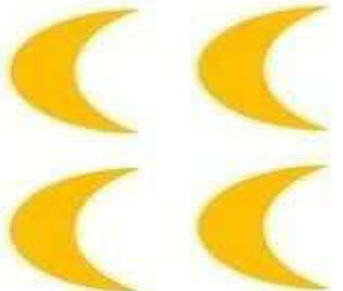
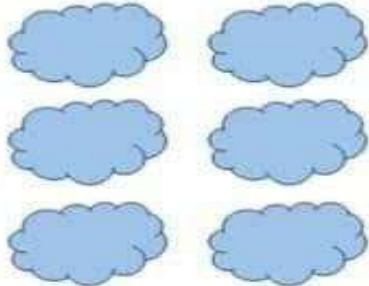


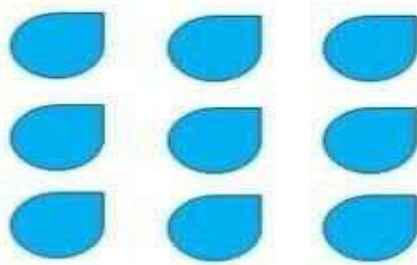
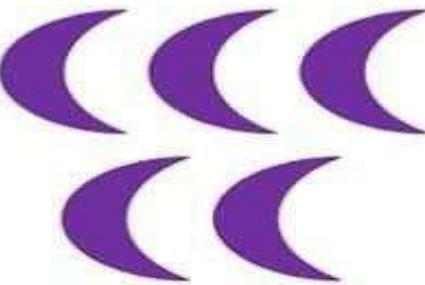


# Worksheet 2

Easy connect the dots and colour it:-



Worksheet 3

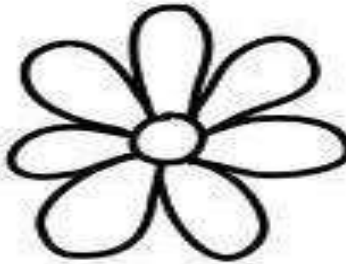
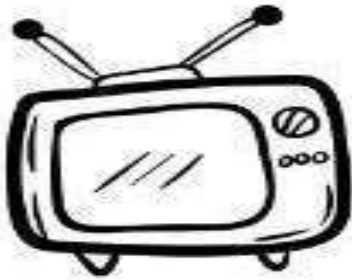
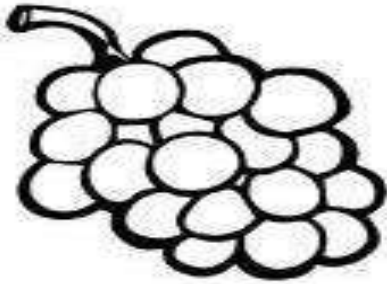
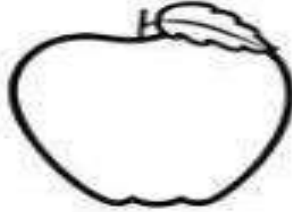
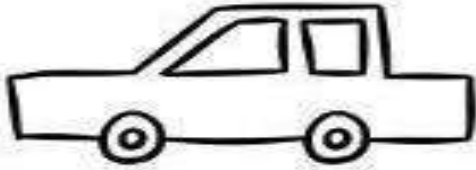
Count and Circle

 1 5 4	 5 4 3	 7 8 6
 8 1 5	 5 3 8	 9 5 7
 5 9 2	 8 3 2	 9 3 6

EVS

Worksheet 1

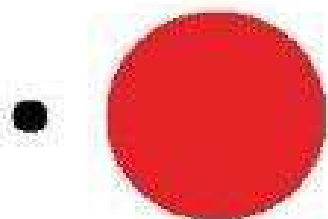
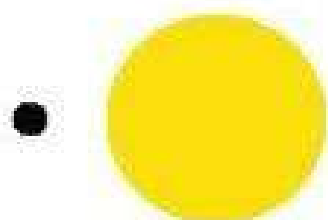
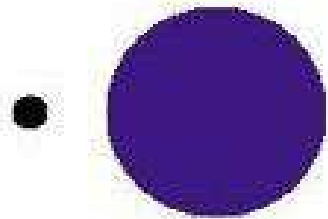
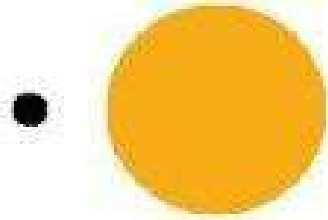
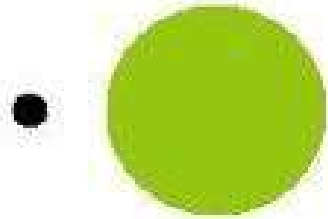
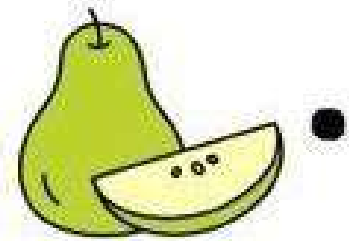
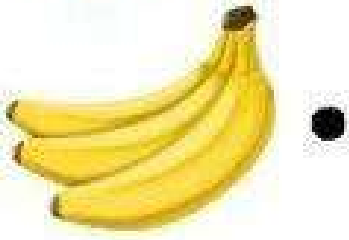
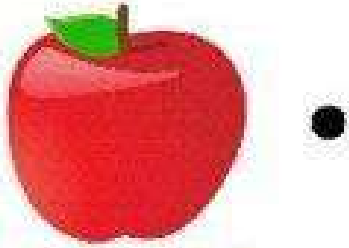
Colour only fruits-





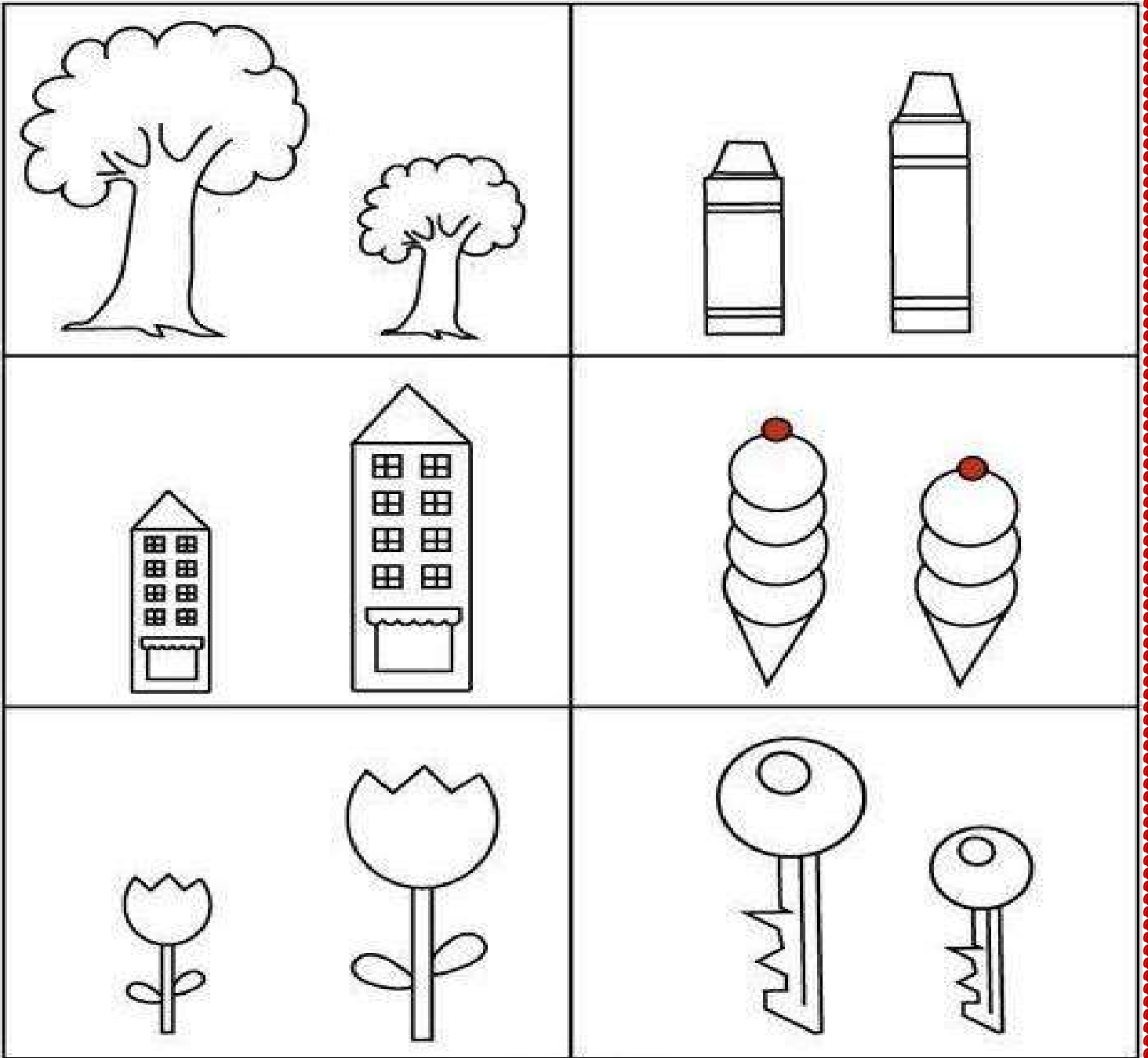
## Worksheet 2

Match the fruit with same colour:-



Worksheet 3

Colour the tallest picture:-











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## Working Model(Any 1)

Make a working model of any one topic -

1. Toy Car: Create a toy car using cardboard, wheels, and a small motor.
2. Make a Fish with ice-cream sticks.
3. Make a Number chart (1-10).

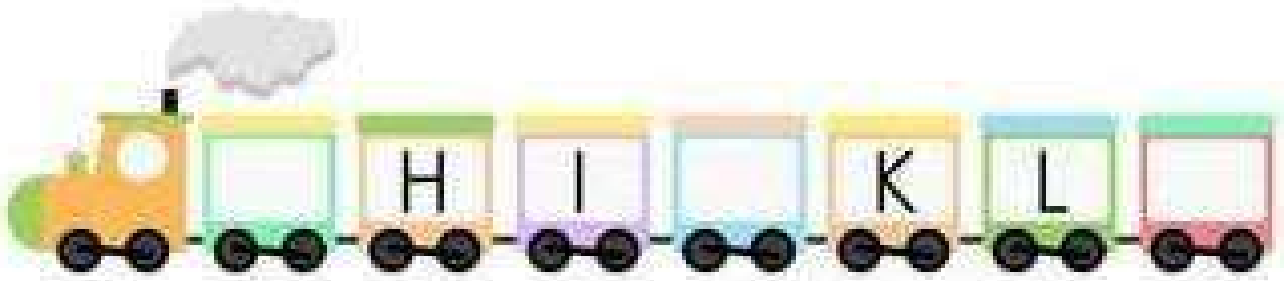
See picture for your reference:



ENGLISH

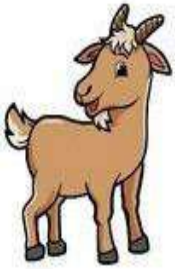
Worksheet 1

Write alphabets:-



# Worksheet 2

Write first letter of the picture:-



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Worksheet 3

Write the after letters:-

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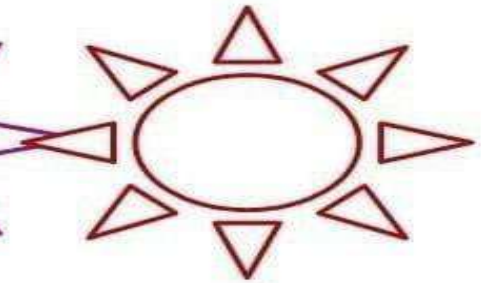
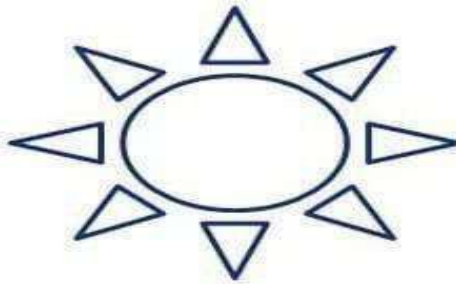
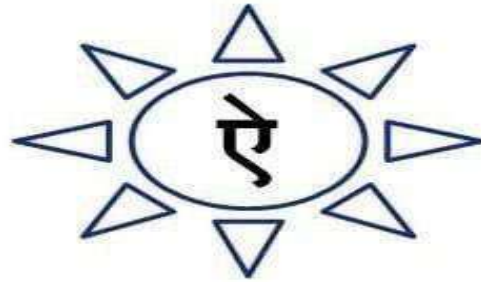
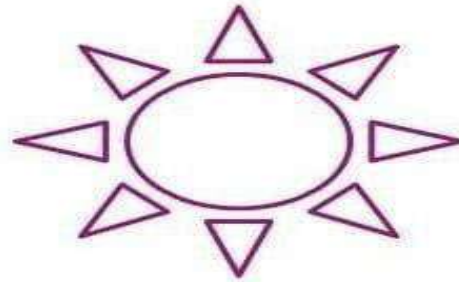
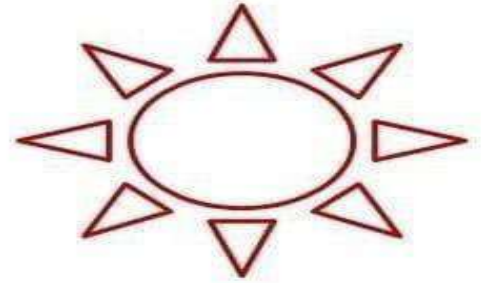
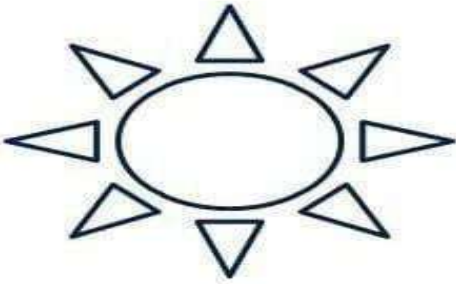
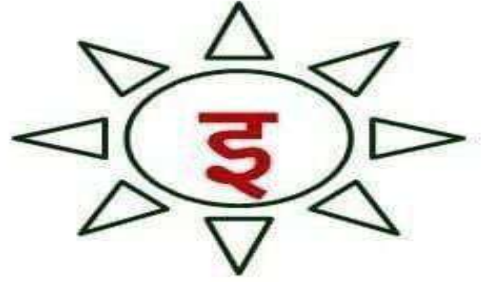
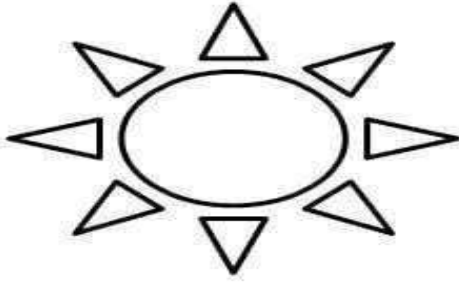
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Worksheet 1

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Worksheet 2

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MATH

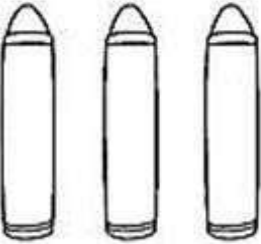





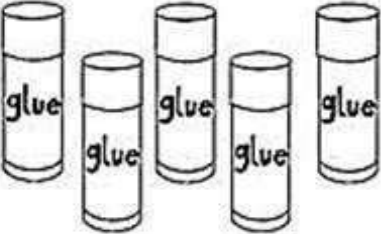


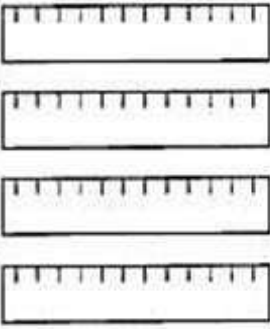


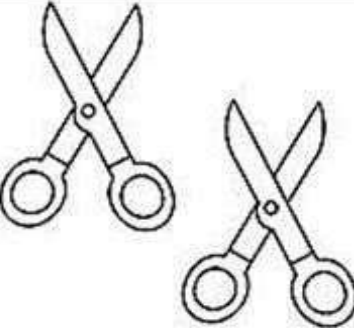
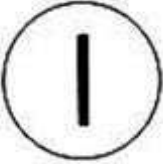

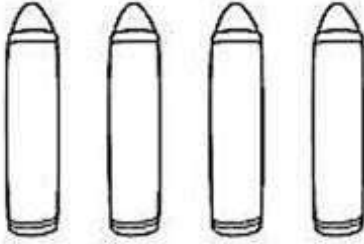


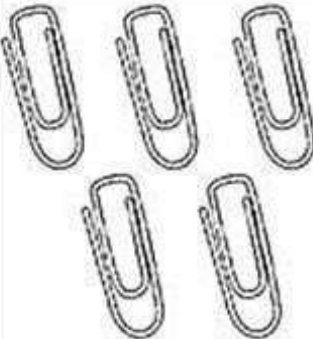


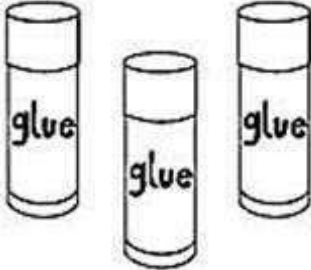


Worksheet 1

Write missing numbers:-

1	11		31	
		22		
	13		33	
4				44
		25		
	16			
			37	
8		28		48
	19			
10		30		50

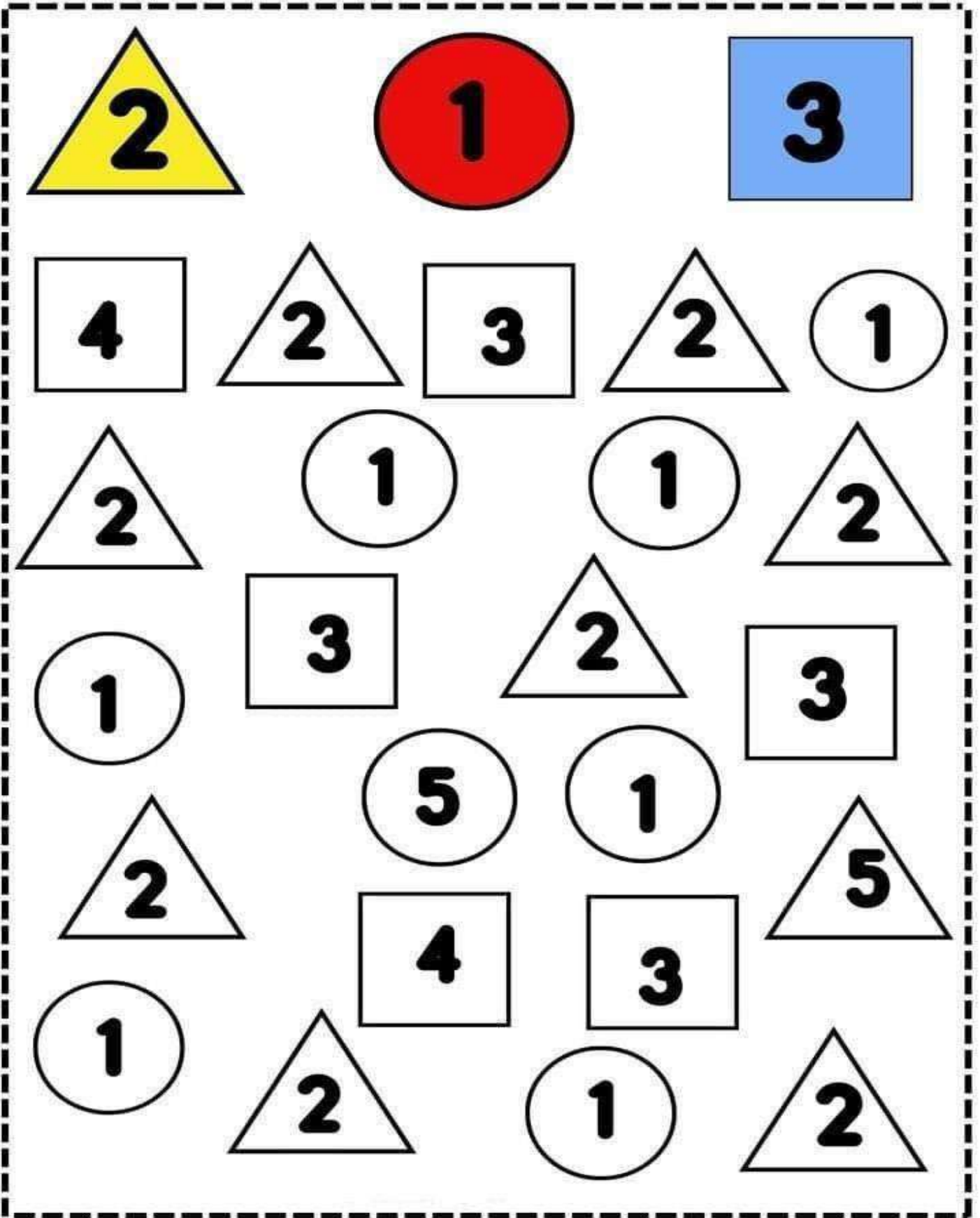
Worksheet 2

Count and colour the correct number:-

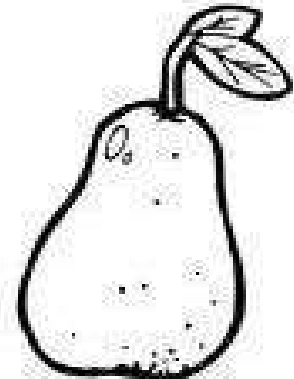
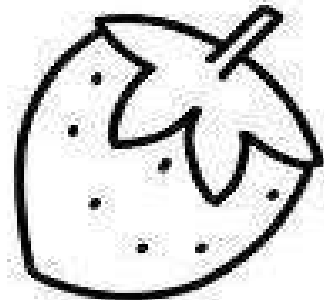
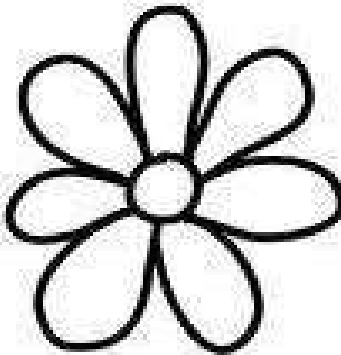
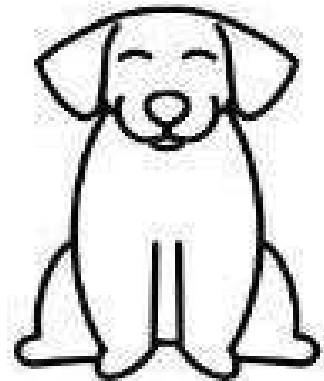
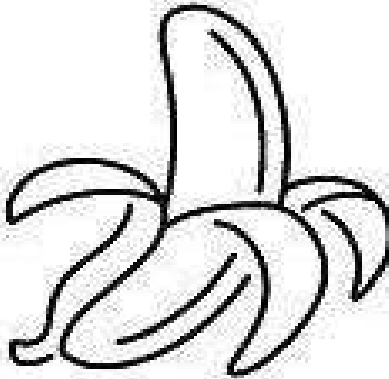
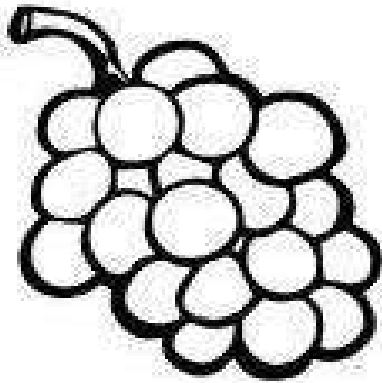
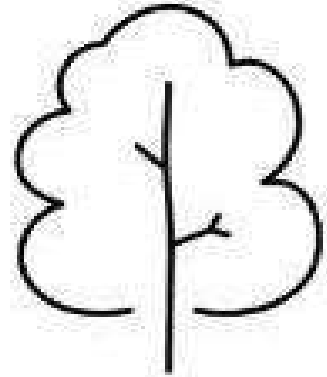
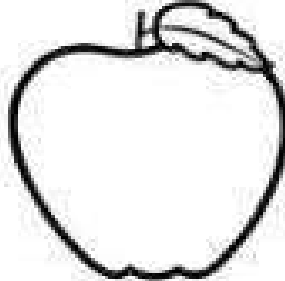
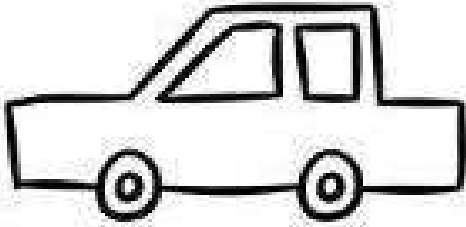
Worksheet 3

Do the colour as directed:-



Worksheet 1

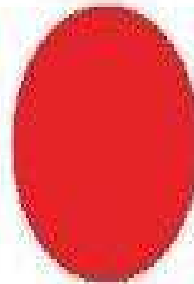
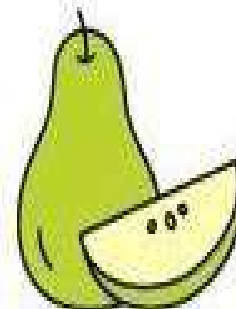
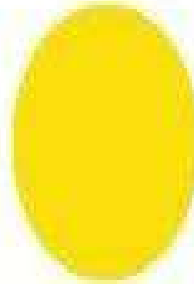
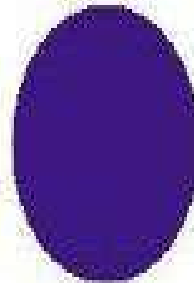
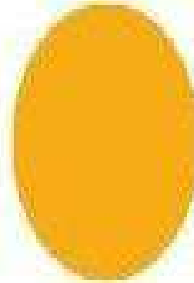
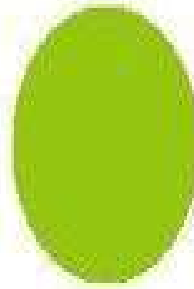
Colour only fruits-





## Worksheet 2

Match the fruit with same colour:-



## Worksheet 3

Match the weather:-



sunny



cloudy



stormy



snowy



rainy



windy









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**Thank you for your cooperation.**

**MS. RITU SINDHU**

**PRINCIPAL, GDGIS**

## Important Note:

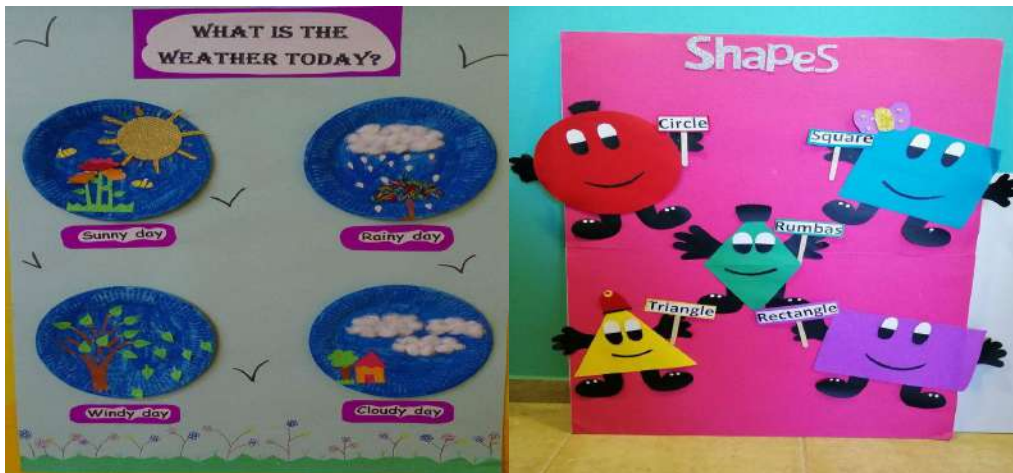
- Making of Working Model and Chart is Mandatory.
- Working mode and chart consist of 10-marks which will be included in SA2 exams.

### Working Model(Any 1)

Choose any one

1. Make a Weather chart on chart paper with the help of paper plate.
2. Make a chart of shapes.

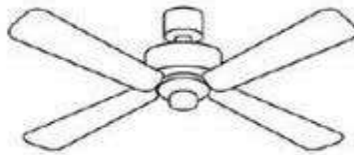
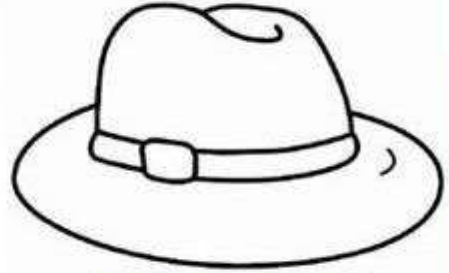
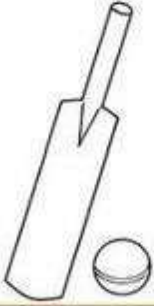
See below picture for your reference :-



ENGLISH

Worksheet 1

Write CVC words :-



Worksheet 2

Use He /She :-



\_\_\_\_\_ is a boy



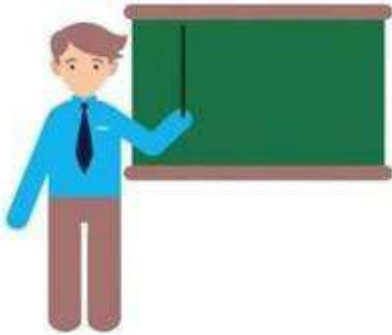
\_\_\_\_\_ is a girl



\_\_\_\_\_ is a man



\_\_\_\_\_ is a woman



\_\_\_\_\_ is a teacher



\_\_\_\_\_ is a student



Worksheet 3

Write This/ That:-

1)

is a ruler



2)

is a book



3)

is a pencil



4)

is a backpack



5)

is a pen



6)

is a glue



7)

is an eraser



8)

is a crayon



## रिक्त स्थान की पूर्ति करो।



घ.....



का.....



गु.....ब



गु.....या



.....थी



.....ता



ब.....र



.....रंगा



क.....म



बा.....



.....ड़



सू.....



ब.....री



.....लू



'उ' और 'ऊ' मात्रा के शब्द छँटकर खाली स्थान भरीए :

गुलाब आलू गुड़िया फूल कुरसी भालू  
सूरज कछुआ कबूतर बटुआ

'उ' मात्रा के शब्द

'ऊ' मात्रा के शब्द



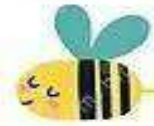
MATH

Worksheet 1

Solve the addition sums:-



Addition



$2 + 2 = \square$

$1 + 8 = \square$

$4 + 3 = \square$

$7 + 2 = \square$

$1 + 1 = \square$

$2 + 5 = \square$

$9 + 1 = \square$

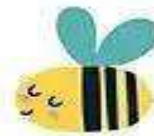
$3 + 0 = \square$

$6 + 3 = \square$

$5 + 5 = \square$

$2 + 4 = \square$

$0 + 2 = \square$



Do what comes before/between/after:-

**BEFORE**

\_\_\_\_\_ 5

\_\_\_\_\_ 16

\_\_\_\_\_ 19

\_\_\_\_\_ 10

\_\_\_\_\_ 7

\_\_\_\_\_ 3

\_\_\_\_\_ 14

\_\_\_\_\_ 18

**BETWEEN**

15 \_\_\_\_\_ 17

17 \_\_\_\_\_ 19

3 \_\_\_\_\_ 5

6 \_\_\_\_\_ 8

16 \_\_\_\_\_ 18

14 \_\_\_\_\_ 16

8 \_\_\_\_\_ 10

7 \_\_\_\_\_ 9

**AFTER**

2 \_\_\_\_\_

13 \_\_\_\_\_

18 \_\_\_\_\_

19 \_\_\_\_\_

5 \_\_\_\_\_

6 \_\_\_\_\_

9 \_\_\_\_\_

14 \_\_\_\_\_

### Worksheet 3

Match the number to the words:-

25

40

31

55

60

23

44

36

59

22

37

58

FORTY-FOUR

TWENTY-TWO

THIRTY-SIX

TWENTY-FIVE

SIXTY

FIFTY-EIGHT

FORTY

FIFTY-FIVE

THIRTY-SEVEN

FIFTY-NINE

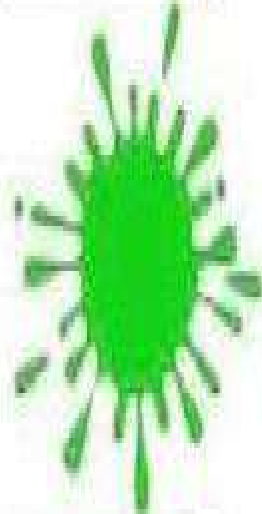
THIRTY-ONE

TWENTY-THREE

EVS

Worksheet 1

Write colours name-





Worksheet 2

Match opposite words:-

day

in

boy

short

inside

soft

happy

dry

adult

fast

tall

hard

wet

night

slow

child

out

outside

girl

sad

Worksheet 3

How many?

**I have**



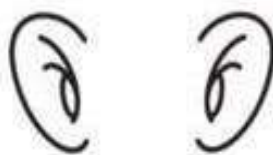
**eyes**

**I have**



**mouth**

**I have**



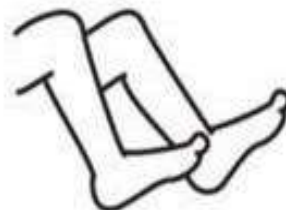
**ears**

**I have**



**fingers**

**I have**



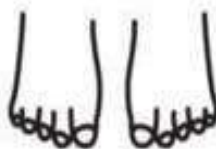
**legs**

**I have**



**arms**

**I have**



**toes**

**I have**



**nose**









**G.D. GOENKA**  
INTERNATIONAL SCHOOL ROHTAK



*HAPPY*  
**Holidays**

**JANUARY 2025  
WINTER BREAK**



**GRADE: PRE NURSERY - IV  
WINTER HOLIDAY HOMEWORK  
2025**





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## Important Note:

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### Working Model

#### **Make a working model of any one topic –**

1. Toy Car: Create a toy car using cardboard, wheels, and a small motor.
2. Windmill : Create a simple windmill using cardboard, blades, and a small motor.
3. Simple Circuit : Design a simple circuit using a battery, wires, and a small light bulb.
4. Time and Clock : Design a time and clock model using cardboard, clock hands, and a small container etc.
5. Simple Robot: Design a simple robot using cardboard, motors, and sensors

### Chart work

#### **Choose any one**

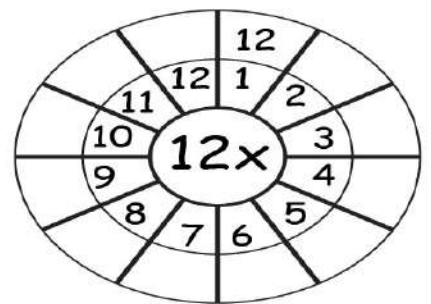
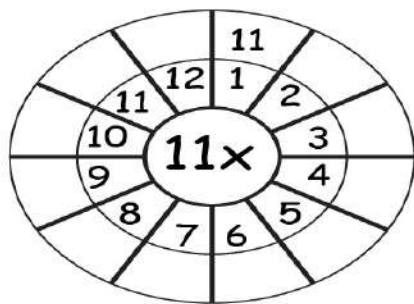
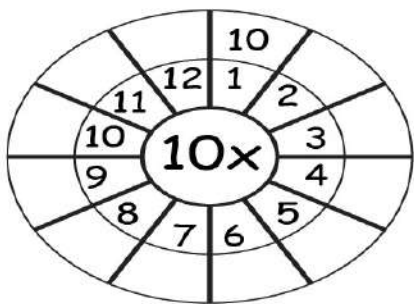
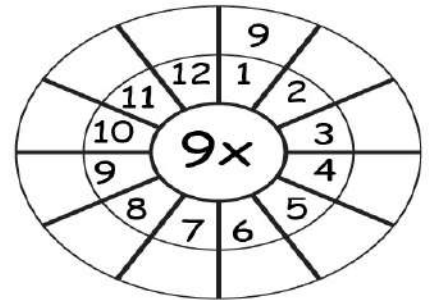
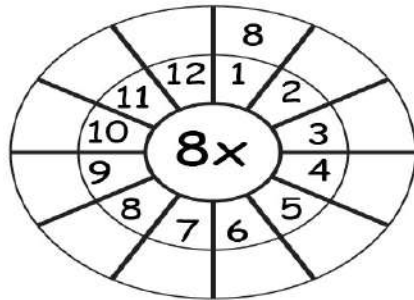
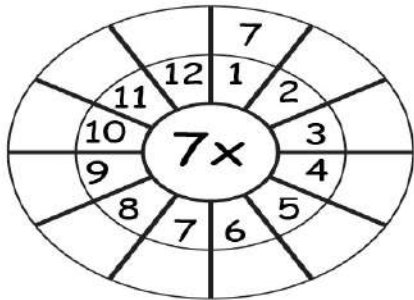
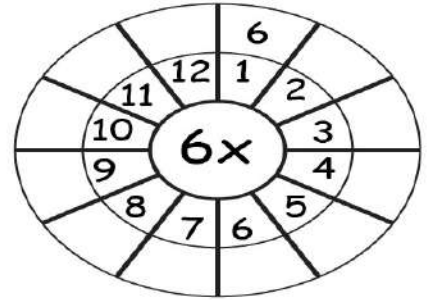
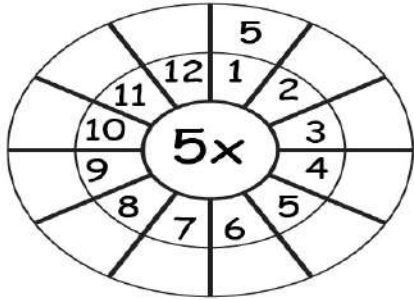
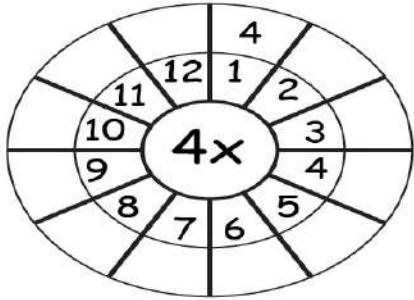
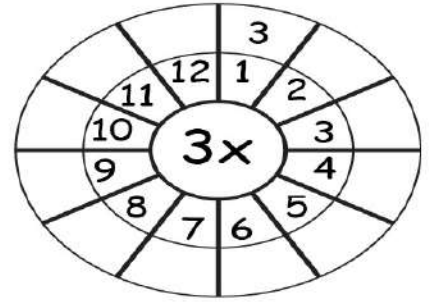
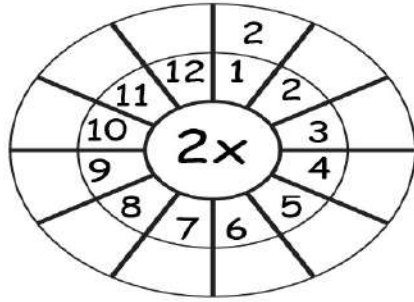
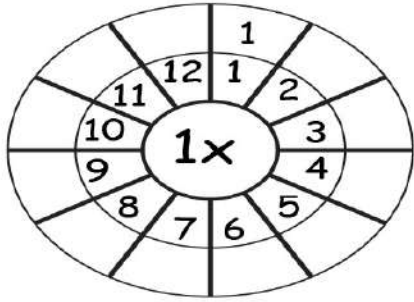
1. Draw a picture of your favourite season (summer, winter, spring, or autumn) with seasonal elements like sun, snow, flowers, or leaves on chart paper
- OR
2. Create a road scene with different modes of transport, roads, and buildings on chart paper



MATHS

WORKSHEET -1

MULTIPLICATION



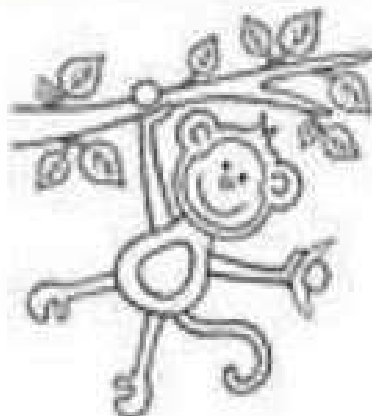
WORKSHEET -2

ADDITION

$$\begin{array}{r} 13 \\ + 41 \\ \hline \end{array}$$

$$\begin{array}{r} 05 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 66 \\ + 21 \\ \hline \end{array}$$



$$\begin{array}{r} 22 \\ + 36 \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 36 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 31 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 46 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + 30 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ + 18 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 44 \\ + 45 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ + 33 \\ \hline \end{array}$$

$$\begin{array}{r} 25 \\ + 14 \\ \hline \end{array}$$

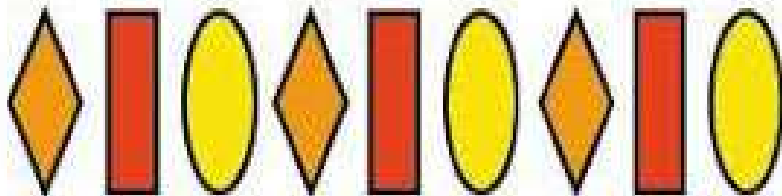
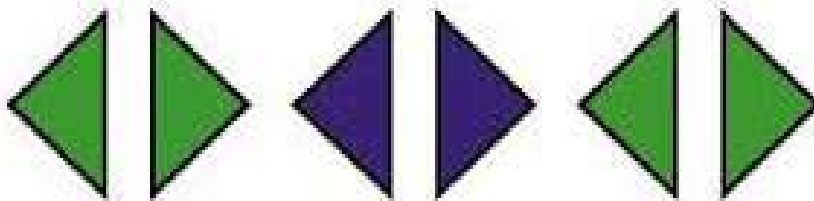
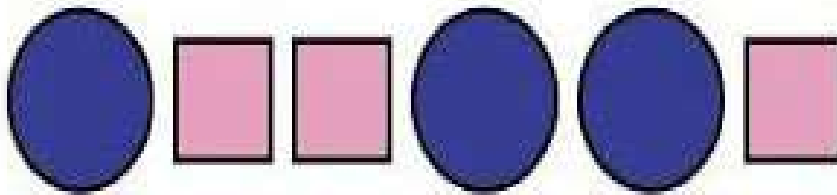
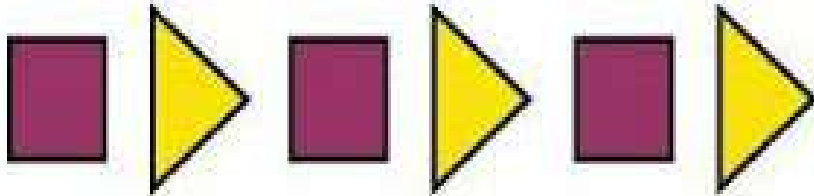
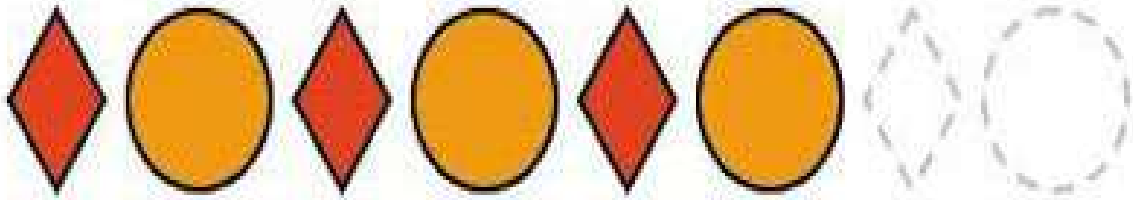
$$\begin{array}{r} 37 \\ + 22 \\ \hline \end{array}$$

$$\begin{array}{r} 55 \\ + 34 \\ \hline \end{array}$$

$$\begin{array}{r} 61 \\ + 23 \\ \hline \end{array}$$

WORKSHEET-3

COMPLETE THE PATTERN





## FILL IN THE BLANKS

**Fill in the blanks with on / under / in.**

- The cat is \_\_\_ the table.
- The restaurant is \_\_\_ the corner.
- She placed the book \_\_\_ the shelf.
- The bird is flying \_\_\_ the sky.
- The ball rolled \_\_\_ the bed.
- The children are playing \_\_\_ the park.
- I found my keys \_\_\_ the couch.
- I left my phone \_\_\_ the car.
- The lamp is \_\_\_ the desk.
- The painting is hanging \_\_\_ the wall.
- The cookies are \_\_\_ the jar.
- The cat is hiding \_\_\_ the bed.
- The restaurant is located \_\_\_ the city.
- The pen is \_\_\_ the notebook.
- The fish is swimming \_\_\_ the water.



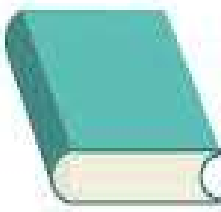







## Adjectives

Underline the adjectives in the sentences below.

1. A rabbit has long ears.
2. Cheetah is a fast runner.
3. A spider has eight legs.
4. My cat has short tail.
5. Bitter gourds taste bitter.
6. A black pencil is on the table.
7. The fox is a clever animal.
8. Rita is beautiful.
9. He is an honest boy.
10. Diya is a nice girl.
11. Those bags are heavy.
12. Our teacher is patient and kind.
13. My kitten is playful.

Look at the picture and circle the correct pronoun

	<p>he</p> <p>she</p> <p>it</p>		<p>he</p> <p>she</p> <p>it</p>
	<p>he</p> <p>she</p> <p>it</p>		<p>he</p> <p>she</p> <p>it</p>
	<p>he</p> <p>she</p> <p>it</p>		<p>he</p> <p>she</p> <p>it</p>
	<p>he</p> <p>she</p> <p>it</p>		<p>he</p> <p>she</p> <p>it</p>



WORKSHEET-1

दिए गए शब्दों को उनके विलोम शब्द से मिलाइए।

1. ऊपर

जागना

2. आगे

छोटा

3. साफ

रात

4. बड़ा

गंदा

5. दिन

पीछे

6. सोना

नीचे



सही सर्वनाम लिखो।

1. रवि ----- (मेरा / उसने) दोस्त है।
2. ----- (वह / उसका) ठीक समय पर स्कूल जाता है।
3. अध्यापक ----- (उसने / उसे) प्यार करते हैं।
4. ----- (उसके / वह) पिता इंजिनियर हैं।
5. ----- (मैं / उसकी) माँ डॉक्टर हैं।
6. ----- (उन्होंने / उसका) घर बहुत बड़ा है।
7. ----- (हम / तुम) कल दिल्ली जाएँगे।
8. अभी ----- (मुझे / उसने) बाज़ार जाना है।
9. ----- (उसका / मैं) सिनेमा देख रहा हूँ।
10. ----- (तुम / हम) क्या कर रहे हो?



मिलान करो।

7  
4  
8  
6  
5  
1  
9  
3  
10  
2

एक ek  
दो do  
तीन teen  
चार chaar  
पांच paanch  
छः chhah  
सात saat  
आठ aath  
नौ nau  
दस das



Complete the words

What's the weather like today?



f \_ g \_ y



c \_ l \_



w \_ n \_ y



s n \_ w y



r \_ i n \_



w \_ r m



h \_ t



c l \_ u d y



s \_ n \_ y



s t \_ r m \_

# Write four things that you can hear, see, taste, smell, touch



hear

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_



see

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_



taste

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_



smell

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_



touch

- 1) \_\_\_\_\_
- 2) \_\_\_\_\_
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_

# Mode of Transport

Mode of Transport is a term used to define the ways of transportation.



Read the vehicles name and write down in the correct box.

- Rocket
- Bus
- Ship
- Train
- Helicopter
- Boat
- Truck
- Car
- Aeroplane
- Yatch

Air Transport


Land Transport


Water Transport










*HAPPY*  
**Holidays**

**JANUARY 2025  
WINTER BREAK**



**GRADE: PRE NURSERY - IV  
WINTER HOLIDAY HOMEWORK  
2025**





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**PRINCIPAL, GDGIS**

## **Important Note:**

- **Making of Working Model and Chart is Mandatory.**
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### **Math**

1. Do the given worksheets
2. Revise Ch 6- Ch 9 from the Textbook.
3. Do practice of sums of Multiplication, Division, Measurement and Time in your ruff Notebook.
4. Create a clock model using paper, cardboard etc. demonstrating time telling and basic time concepts.

### **EVS**

1. Do the given worksheets
2. Revise Q/Ans of Ch.11 to 15 from the Notebook
3. Create a mini garden using soil , plants and small rocks.

### **Eng**

1. Do the given worksheets
2. Revise the Q/Ans of Ch 6 to 8 from the Reader notebook
3. Revise all the Grammar Chapters (Ch6- Ch10) from the Textbook
4. Make beautiful popcorn basket on any topic (Nouns/Verbs/Adjectives/Adverbs)

### **Hindi**

1. Do the given worksheets
2. पाठ 9 -12 के प्रश्न उत्तर दोहराएं।
3. व्याकरण पाठ 9 -15 का पुस्तक अभ्यास दोहराएं।
4. Make a beautiful wall hanging on any one topic (Sangya/Visheshan/Vilom Shabd)

### **Computer**

1. Do the given worksheets.
2. Learn question Answers and book exercise of Ch-5 and Ch-6.



# Identifying adverbs and adjectives

## Grade 2 Adverbs Worksheet

Circle the adverbs and underline the adjectives.

Hint:

Adverbs usually describe verbs ('doing words'). Adjectives describe nouns (people, places or things).

birds	<u>green</u>	stick
sing	easily	dog
nice	delicately	wet
<u>lovely</u>	put	anxiously
squirrel	dishes	actively
climb	fragile	grass
furry	firmly	narrowly
hastily	swing	missed
tree	bench	little
gives	smooth	worm



## Prepositions and location

Grade 1 Grammar Worksheet

*in, on, under, over, with,  
off, to, above, of, out,  
beside*

Look at the picture and choose the right word.

1) The slippers are \_\_\_\_\_ the bed.



2) The bed is \_\_\_\_\_ the shelf.



3) The girl is \_\_\_\_\_ the bus.



4) The cat is \_\_\_\_\_ the chair.



5) The ball is \_\_\_\_\_ the bat.



6) The decor is \_\_\_\_\_ the bed.



## TOPIC - CONJUNCTION

NAME:

DATE:

### Q 1) Circle the conjunction in each sentence.

1. My favourite colors are red and white.
2. I did it because I was angry.
3. Would you like tea or coffee?
4. The store was closed, so I went home.
5. I don't like art, but I have to finish it.

### Q 2) Complete the sentences with the correct conjunction.

and    but    or    so

1. My mom \_\_\_\_\_ dad took me to the movies.
2. John must study, \_\_\_\_\_ else he will not pass the test.
3. David ran fast, \_\_\_\_\_ he still did not win the race.
4. My favourite sports are basketball \_\_\_\_\_ soccer.
5. Larry plays tennis \_\_\_\_\_ golf.



# — अभ्यास —

दिए गए विशेषण शब्दों की सहायता से रिक्त स्थान भरिए और बोलिए—

(क) गुलाब फूल का रंग ..... होता है।

(लाल/हरा)



(ख) मोर के पंख ..... होते हैं।

(रंग-बिरंगे/काले)



(ग) घड़ी में ..... सुइयाँ होती हैं।

(तीन/चार)



(घ) ..... खाना मत खाओ।

(बासी/ताजा)



(ङ) तोते की चोंच ..... होती है।

(लाल/हरी)



(च) बकरी ..... जानवर है।

(जंगली/पालतू)



(छ) आम का पेड़ ..... होता है।

(बड़/छोटा)



# क्रिया



नाम :

1. क्रिया वाले चित्रों पर निशान (✓) लगाओ -



तोता



रोना



भौकना



झंडा



सेब



बैठना



चलना



उड़ना

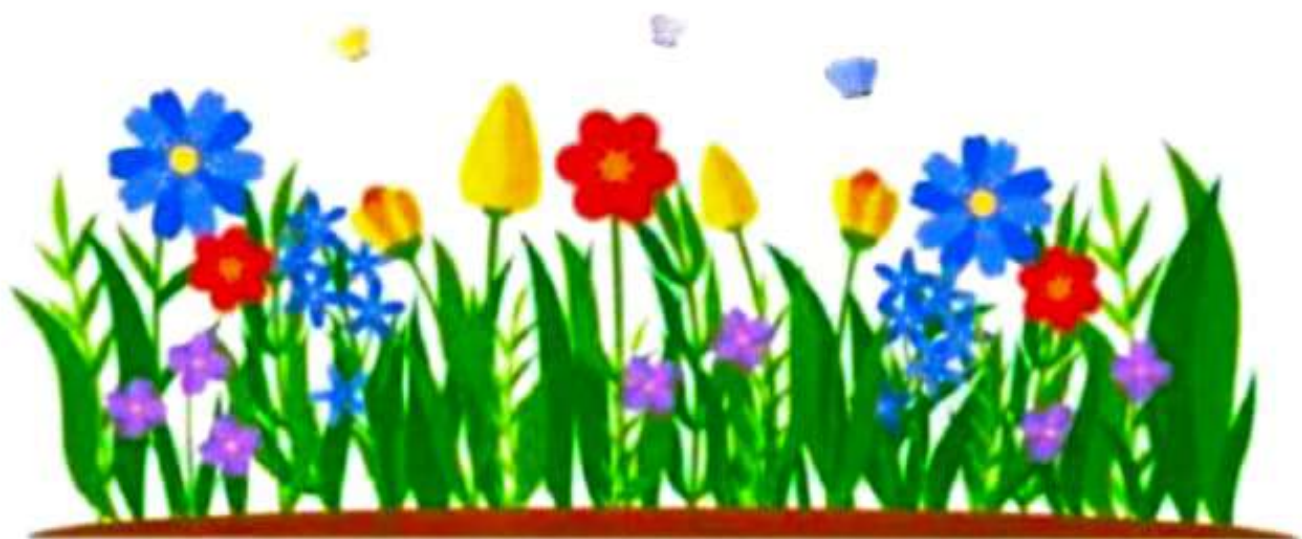


भिंडी



## सही सर्वनाम शब्द चुनिए-

1. रवि ----- (मेरा / उसने) दोस्त है।
2. ----- (वह / उसका) ठीक समय पर स्कूल जाता है।
3. अध्यापक ----- (उसने / उसे) प्यार करते हैं।
4. ----- (उसके / वह) पिता इंजिनियर हैं।
5. ----- (मैं / उसकी) माँ डॉक्टर हैं।
6. ----- (उन्होंने / उसका) घर बहुत बड़ा है।
7. ----- (हम / तुम) कल दिल्ली जाएँगे।
8. अभी ----- (मुझे / उसने) बाज़ार जाना है।
9. ----- (उसका / मैं) सिनेमा देख रहा हूँ।
10. ----- (तुम / हम) क्या कर रहे हो?

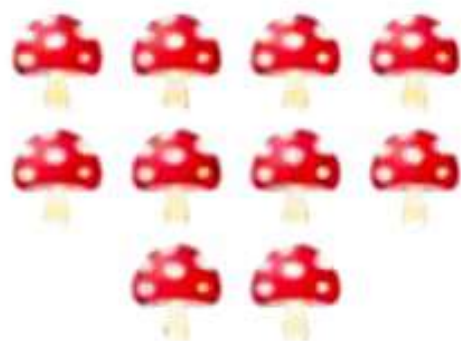




# Division



$$6 \div 2 =$$



$$10 \div 2 =$$



$$12 \div 2 =$$



$$8 \div 2 =$$



$$2 \div 2 =$$



$$4 \div 2 =$$

# Multiplication Worksheet

Change the given arrays into multiplication sentences.

1



$$\underline{5} \times \underline{2} = \underline{\quad}$$

2



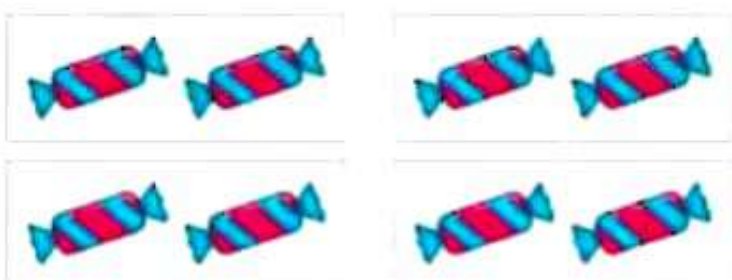
$$\underline{3} \times \underline{2} = \underline{\quad}$$

3



$$\underline{3} \times \underline{4} = \underline{\quad}$$

4



$$\underline{4} \times \underline{2} = \underline{\quad}$$

Name \_\_\_\_\_

# Multiplication

$$\begin{array}{r} 22 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 34 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 56 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 49 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 72 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 64 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 63 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 91 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 75 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 84 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 57 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 42 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 86 \\ \times 9 \\ \hline \end{array}$$













$$\begin{array}{r} 73 \\ \times 9 \\ \hline \end{array}$$



Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Add Title Here

Directions:

<b>DAISY</b> 	<b>Sunflower</b> 	<b>Add Text</b> 	<b>Add Text</b> 
<b>Add Text</b> 	<b>Add Text</b> 	<b>Add Text</b> 	<b>Add Text</b> 
<b>Add Text</b> 	<b>Add Text</b> 	<b>Add Text</b> 	<b>Add Text</b> 

1. Name a plant with yellow petals. \_\_\_\_\_

2. Name a garden plant that you have found. \_\_\_\_\_

3. Name a wild plant that you have found. \_\_\_\_\_

4. Add question \_\_\_\_\_

5. Add question \_\_\_\_\_



# Means of

## transportation

Click to listen. Then  
drag and drop the  
names.



Bicycle

Car



Motorbike

Truck



Ship

Van



Train

Plane

Ambulance

Taxi



Helicopter

Bus





## WORKSHEET - FESTIVALS

1. Identify and match the name of the festivals by looking at the pictures:



EID



HOLI



DIWALI



CHRISTMAS

2. Select the correct festival names from the dropdown:



3. DO YOU KNOW? Click Yes or No



GANDHI JAYANTI is celebrated on 2nd October.

YES

No



Q1. Zoom in and zoom out are available at

Bottom of page

Top of page

Q2. Select how this text is formatted

**Hello world**

**B**

U

*I*

Q3. To change the color of text you will click on



Q4. To add a picture in word document where will you go?

Home

Insert

Page Layout

Q5. You cannot change size of picture in word document.

Yes

No

## Microsoft Word Icons

Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Section: \_\_\_\_\_

Draw a line and match the correct icon with their label.

1. Save



2. Undo



3. Repeat

Garamond

4. Paste



5. Copy



6. Cut



7. Bold



8. Italic



9. Underline



10. Font



11. Size

12

**B. Match the pictures and their names**



**line**



**rectangle**



**fill with color**



**eraser**



**pencil**



**oval**





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*HAPPY*  
**Holidays**

**JANUARY 2025  
WINTER BREAK**



**GRADE: PRE NURSERY - IV  
WINTER HOLIDAY HOMEWORK  
2025**





Dear Students and Parents,

Wishing you all a warm and joyful Winter Break! As the temperatures drop, please prioritize staying warm & cozy.

Remember to dress in layers, wear warm clothing, and stay indoors during extreme cold weather.

Enjoy this well-deserved break and stay safe!

Here are some guidelines from the principal to parents to protect students from winter:

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Thank you for your cooperation.

**MS. RITU SINDHU**

**PRINCIPAL,GDGIS**



## **Important Note:**

- **Making of Working Model and Chart is Mandatory.**
- **Working mode and chart consist of 10-marks which will be included in SA2 exams.**

### **Working Model**

**Choose any one**

- 1. Water Cycle**
- 2. Means of Communication**
- 3. Means of Transport**

### **Chart work**

**Choose any one**

- 1. Scenery**
- 2. Cartoon character**
- 3. Role model**

A **conjunction** is a word that joins two words or phrases together.  
**and but or yet nor for so because**

Use the conjunctions above to complete each sentence.

1. Would you rather have a milkshake, \_\_\_\_\_ an ice cream cone?
2. You can either stand up \_\_\_\_\_ sit down.
3. Marcus sent a text to his aunt \_\_\_\_\_ his grandmother.
4. I like to play baseball, \_\_\_\_\_ I also like to swim.
5. Richard went to the store, \_\_\_\_\_ he forgot what we wanted to buy.
6. My favorite music is rock and roll, \_\_\_\_\_ Rob's favorite is classical.
7. It is hot in the summer \_\_\_\_\_ the sun is angled toward Earth.
8. We need to cut our expenses, \_\_\_\_\_ we can pay our bills.
9. We want to go to the beach \_\_\_\_\_ not when its crowded.
10. I enjoy sitting under the sun \_\_\_\_\_ watching the waves.

परिभाषा- वाक्यों में जिन शब्दों से किसी काम का करना या होना पाया जाता है, उन्हें क्रिया कहते हैं।

### 1. लिंग और वचन के अनुसार कोष्ठक में दी हुई क्रियाओं का प्रयोग कीजिए-

- |                               |                      |
|-------------------------------|----------------------|
| (क) तुम कहां गए _____।        | (था / थे)            |
| (ख) मेरी कमीज कहां _____।     | (रखा है / रखी है)    |
| (ग) बच्चे पिकनिक मनाने _____। | (गया है / गए हैं)    |
| (घ) शीला अपना काम कर _____।   | (चुकी है / चुके हैं) |
| (ङ) मैंने खाना खा _____।      | (लिया / खाऊंग)       |
| (च) रमा चित्र बना _____।      | (रही है / कर रही है) |
| (छ) आज रविवार _____।          | (था / है)            |
| (ज) कल मैं सब्जी मंडी _____।  | (गया हूं / गया था)   |

### 2. चित्र देखकर क्रिया शब्द भरें-

- |   |                       |                           |
|---|-----------------------|---------------------------|
| (क)  | रवि _____।            | (खेल रहा है / नाच रहा है) |
| (ख)  | गाय _____।            | (वहां खड़ी है / बैठी है)  |
| (ग)  | बिल्ली दूध _____।     | (पी रही है / खा रही है)   |
| (घ)  | चिड़िया डाल पर _____। | (बैठी है / सोई है)        |



नीचे लिखी कहानी में सर्वनाम शब्दों में रंग भरिए:

एक साधू-बाबा जंगल में तपस्या करते थे। एक दिन उन्हें बिल्ली का एक छोटा-सा बच्चा दिखाई दिया। उसके पैर से बहुत खून बह रहा था। उन्होंने इधर-उधर देखा, जब कोई और नजर नहीं आया तो उन्होंने बिल्ली के बच्चे को प्यार से उठाया और उसकी मरहम-पट्टी की। अब उसे देने के लिए उनके पास दूध न था, तो वे गाँव की ओर चल दिए। गाँव वालों ने उनका आदर-सत्कार किया और एक गाय उपहार में दी। साधू-बाबा बिल्ली के बच्चे और गाय को ले कर अपनी कुटिया में आ गए। अब वे उन दोनों पशुओं की सेवा और भगवान की आराधना में अपना दिन बिताने लगे।

1. निम्नलिखित शब्दों में जो शब्द सर्वनाम नहीं हैं उन पर गोला लगाइए:

- |                            |                        |
|----------------------------|------------------------|
| i. आप, तभी, वह, यह, कोई    | तुम, तथा, तुम्हारा, उस |
| ii. मैं, ताकि, मेरा, अपने  | उन्से, उन्हें, उस, उधर |
| iii. हमारा, आज, उनका, सबका |                        |

2. नीचे दिए वाक्यों में सही सर्वनाम छॉट कर भरिए:

तुम    वह    उसके    उन्हें    तुम्हारे    हम

1. राम, \_\_\_\_\_ हैदराबाद से होते हुए दिल्ली जाएँगे।
2. सुना है, \_\_\_\_\_ भाई की अच्छी कम्पनी में नौकरी लग गई है।
3. \_\_\_\_\_ गणित और विज्ञान पढ़ने में होशियार है।
4. \_\_\_\_\_ और \_\_\_\_\_ दोस्त बहुत शोर मचाते हैं।

(i) सही (✓) या गलत (X) का निशान लगाइए -

(क) किसी प्राणी,स्थान वस्तु या भाव के नाम को संज्ञा कहते हैं। ( )

(ख) किताब और पेंसिल वस्तुओं के नाम हैं। ( )

(ग) विराट कोहली विशेष व्यक्ति का उदहारण है। ( )

(घ) मोर और शेर स्थानों के नाम है। ( )

(ङ) बगीचे में हरियाली है। हरियाली भाव का नाम है। ( )

(ii) अपने विद्यालय में से ढूँढकर दो-दो नाम लिखिए -

व्यक्तियों के नाम

वस्तुओं के नाम

-----

-----

-----

-----

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Section: \_\_\_\_\_

A. What does the given picture depict?



Air occupies \_\_\_\_\_ (space/weight).

B. Fill in the blanks using the given words.

1. Moving air is called \_\_\_\_\_.
2. When the air moves gently it is called \_\_\_\_\_.
3. When the air very strong with rain it causes \_\_\_\_\_.
4. Main source of water is \_\_\_\_\_.
5. We take out underground water by digging wells or using \_\_\_\_\_.
6. Wasting water causes \_\_\_\_\_ of water.

wind

rain

shortage

breeze

hand pumps

storm



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Section: \_\_\_\_\_

**Answer these questions.**

1. How many?

a) Days in a week

\_\_\_\_\_

b) Months in a year

\_\_\_\_\_

c) Hands in a clock

\_\_\_\_\_

d) Days in a leap year

\_\_\_\_\_

e) Directions

\_\_\_\_\_

2. Write the number of days the following months have.

a) January

\_\_\_\_\_

b) November

\_\_\_\_\_

c) June

\_\_\_\_\_

d) August

\_\_\_\_\_

3. How do directions help us?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Na

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

**1. Tick (✓) True or False.**

- |   |              |
|---|--------------|
| a) Friday comes after Saturday.                         | True / False |
| b) There are 7 days in a week.                          | True / False |
| c) Monday lies between Saturday and Tuesday.            | True / False |
| d) There are 3 days in between Wednesday and Sunday.    | True / False |
| e) The day before today is called tomorrow.             | True / False |
| f) Between noon to midnight, time is written using P.M. | True / False |

**2. Write the name of the days lying between Monday and Friday.**

**3. If today is Saturday, what day would be yesterday and tomorrow?**

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

**1. How can the following amounts be read?**

a) ₹124.50 \_\_\_\_\_

b) ₹288.85 \_\_\_\_\_

c) ₹32.05 \_\_\_\_\_

**2. Write the following amounts using a dot.**

a) 75 rupees 10 paise \_\_\_\_\_

b) 293 rupees 25 paise \_\_\_\_\_

c) 90 rupees 42 paise \_\_\_\_\_

**3. Arrange the following amounts in columns and do as directed.**

a) Add ₹26 and ₹45

b) Add ₹31.50 and ₹18.25

c) Subtract ₹18 from ₹35

d) Subtract ₹12.35 from ₹30.85

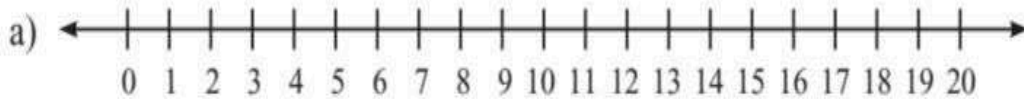


DATE: \_\_\_\_\_

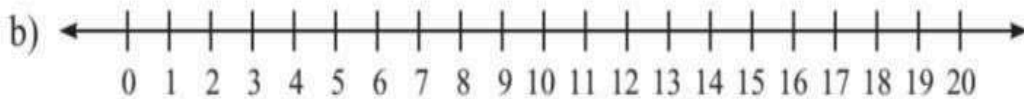
NAME: \_\_\_\_\_

CLASS: \_\_\_\_\_

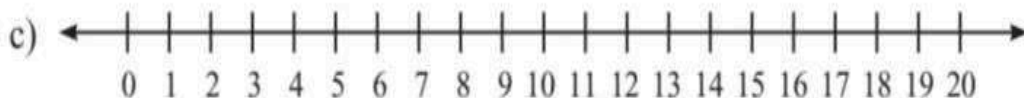
**1. Find the products of the given numbers using the number line.**



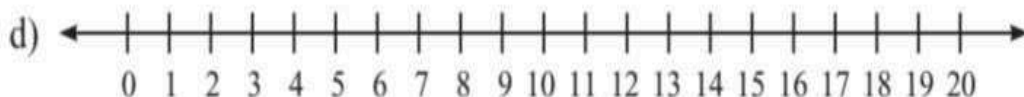
$8 \times 2 = \underline{\quad}$



$3 \times 5 = \underline{\quad}$



$6 \times 2 = \underline{\quad}$



$2 \times 5 = \underline{\quad}$

**2. Fill in the blanks.**

a)  $\underline{\quad} \times 8 = 8 \times 6$

b)  $7 \times 5 = \underline{\quad} \times 7$

c)  $6 \times 1 = \underline{\quad}$

d)  $9 \times 0 = \underline{\quad}$

e)  $\underline{\quad} \times 4 = 9 \times \underline{\quad}$

f)  $4 \times 1 = \underline{\quad}$

**3. Circle the correct number in the following multiplication problems.**

a) Multiplier  $5 \times 8 = 40$

b) Product  $7 \times 4 = 36$

c) Multiplicand  $6 \times 3 = 18$





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*HAPPY*  
**Holidays**

**JANUARY 2025  
WINTER BREAK**



**GRADE: PRE NURSERY - IV  
WINTER HOLIDAY HOMEWORK  
2025**







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**PRINCIPAL, GDGIS**

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- **Working mode and chart consist of 10-marks which will be included in SA2 exams.**

### **Math**

1. Do the given worksheets
2. Practice 10 sums of Division and Multiplication in the fair notebook
3. Revise Decimals and Fractions
4. Make a creative table booklet from 2 to 20

### **SST**

1. Do the given worksheets
2. Revise Q/Ans of Ch 10 to 19 from the notebook
3. Make a model of Solar System

### **Science**

1. Do the given worksheets
2. Revise Q/Ans of Ch.8 to 13 from the notebook
3. Make a working model on any one topic of your choice (Wind Mill/Solar Panel/Pulley)

### **Eng**

1. Do the given worksheets
2. Revise the Q/Ans of Ch.7 to 11 from the Reader notebook
3. Revise all the Grammar topics from the notebook
4. Make beautiful wall hanging on any one Grammar topics (Nouns/Verbs/Adjectives/Adverbs/Homophones)

### **Hindi**

1. Do the given worksheets
2. Revise Prshn Uttar of Paath 9 to 14 from the Paathya Pustika
3. Revise all the Vyakaran topics from the Vyakaran Textbook and notebook
4. Make a beautiful wall hanging on any one topic (Sangya/Visheshan/Vilom Shabd)



Name: \_\_\_\_\_

# Apostrophes of Contraction



Add apostrophes to the sentences.

1. Whats the time? Im going to be late for work! My boss isnt going to be happy!
2. Dont you have to walk the dogs? Theyve been sitting at the door waiting for you.
3. Why dont we go to the museum? Itll be educational and we wont have to pay anything.
4. Shouldnt you be at school? Youre going to miss your English class!
5. We havent been outside all day. The rain wont stop and we shouldnt play in the mud.
6. The plants just wont grow. Theyre all along the wall where they get plenty of sun.
7. Hes in the shop and wont come out. Hes been buying clothes all day!
8. I wouldnt like to be an ant. They havent got the longest life span.



Choose the word from the choices given that best defines the **bolded** part of the sentence.

1. The young man's **behavior** was truly admirable and humble. He is a good role model.  
a. persuade                      b. conduct                      c. foreseen
2. You cannot **ramble** on like that because no one is able to understand you clearly.  
a. gibber                      b. avenue                      c. develop
3. Why are you trying so hard to **convince** me to sew you a new scarf when you already have one?  
a. persuade                      b. emphasize                      c. conduct
4. Ben likes to **stress** his writing that is important by highlighting it in yellow.  
a. gibber                      b. emphasize                      c. develop
5. Farrah lives on the **street** that is directly across from the street I live on.  
a. avenue                      b. conduct                      c. foreseen
6. I do not think anyone could **anticipate** what things would come next in the movie.  
a. develop                      b. persuade                      c. foreseen
7. Jill would like to start to **expand** the school to include other types of programs.  
a. avenue                      b. develop                      c. conduct



# Do Does Did

Complete the sentences with Do /Does /Did according to the brackets.

1. \_\_\_\_\_ you have a driver's license? ( Present tense )
2. What hours \_\_\_\_\_ she work on Monday? ( Present tense )
3. What \_\_\_\_\_ she eat for breakfast? ( Present tense )
4. When \_\_\_\_\_ you usually get home?
5. How \_\_\_\_\_ prisoners pass the whole day in prison? ( present tense)
6. \_\_\_\_\_ he come in with anyone else? ( past tense)
7. What \_\_\_\_\_ you see ? ( past tense )
8. What exactly \_\_\_\_\_ you know? ( present tense)
9. How \_\_\_\_\_ you practice your English? ( present tense )
10. I \_\_\_\_\_ n't read it at all.. ( past tense)
11. What questions \_\_\_\_\_ you ask yourself every day?
12. What would you \_\_\_\_\_ today if there is no more tomorrow?
13. What \_\_\_\_\_ he fear most in life? ( past tense)
14. Why \_\_\_\_\_ people cry? ( present tense)
15. What \_\_\_\_\_ the bible say about selfishness? ( present tense)
16. \_\_\_\_\_ they know about our problems? ( past tense)
17. \_\_\_\_\_ you believe in life after death? ( Present tense)
18. What \_\_\_\_\_ You Value Most? ( present tense)



Name : \_\_\_\_\_ Roll No. : \_\_\_\_\_

Class : \_\_\_\_\_ Section \_\_\_\_\_ Date : \_\_\_\_\_

## मुहावरे

1. कंधा लगाना - \_\_\_\_\_

2. काटो तो खून नहीं - \_\_\_\_\_

3. खरी-खरी सुनाना - \_\_\_\_\_

4. कौड़ी को न पूछना - \_\_\_\_\_

5. गुल खिलाना - \_\_\_\_\_





## अशुद्ध वाक्य

निम्नलिखित अशुद्ध वाक्यों को शुद्ध करके लिखिए ।

Correct and rewrite the sentences.

1. घोड़ियाँ तेज़ दौड़ता है ।

.....

2. एक गिलास ठंडी पानी दो ।

.....

3. कई बंदर कूद रहा है ।

.....

4. पानी बरस रहे हैं ।

.....

5. दो घोड़े दो सवार नीचे गिरा ।

.....

6. दो बिल्लियाँ लड़ती हैं ।

.....

7. लड़के तेज़ दौड़ता है ।

.....

8. वह स्कूल जाते हैं ।

.....

9. लड़की फुटबॉल खेलते हैं ?

.....

10. लड़कियाँ तमाशा देखते हैं ।

.....

( क ) नीचे दिए गए वाक्यों में क्रियाविशेषण शब्दों को छाँटकर लिखिए—

1. कपड़े ऊपर रखे हैं। .....
2. आज बारिश हो सकती है। .....
3. मैं कल लंदन जा रहा हूँ। .....
4. फलवाला कल आएगा। .....
5. माता जी वहाँ कपड़े धो रही थीं। .....

( ख ) दिए गए क्रियाविशेषणों को वाक्यों के खाली स्थानों में भरिए—

अचानक, जल्दी, साफ-साफ, दिनभर, सुरीला, सरपट, रोज, धीरे

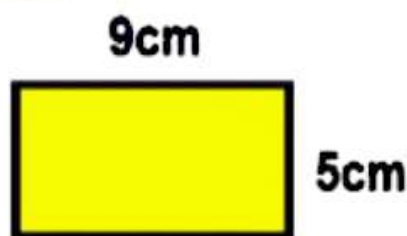
1. सुनीधी ..... गाती है।
2. .... चलो, नहीं तो बस छूट जाएगी।
3. साँप ..... भाग रहा है।
4. वह ..... बस से पाठशाला जाता है।
5. .... लिखो, नहीं तो पढ़ा नहीं जाएगा।
6. काले बादलों के कारण ..... अँधेरा छा गया।
7. मैं ..... तुम्हारी प्रतीक्षा करता रहा।
8. भागो मत, ..... चलो।

( ग ) नीचे दिए गए क्रियाविशेषण शब्दों को अपने वाक्यों में प्रयोग कीजिए—

1. जल्दी-जल्दी - .....

**Area and Perimeter Worksheet**

Calculate the area and perimeter of the following figures.



Perimeter \_\_\_\_\_ cm

Area \_\_\_\_\_ cm<sup>2</sup>



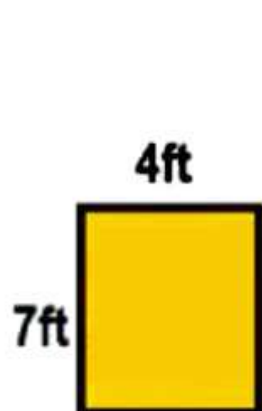
Perimeter \_\_\_\_\_ in

Area \_\_\_\_\_ in<sup>2</sup>



Perimeter \_\_\_\_\_ cm

Area \_\_\_\_\_ cm<sup>2</sup>



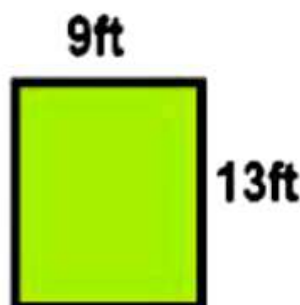
Perimeter \_\_\_\_\_ ft

Area \_\_\_\_\_ ft<sup>2</sup>



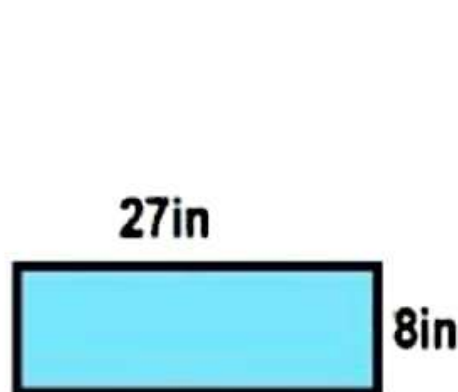
Perimeter \_\_\_\_\_ ft

Area \_\_\_\_\_ ft<sup>2</sup>



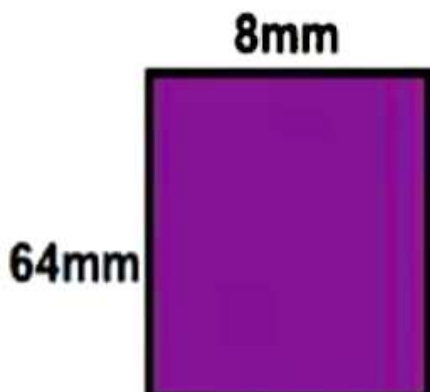
Perimeter \_\_\_\_\_ ft

Area \_\_\_\_\_ ft<sup>2</sup>



Perimeter \_\_\_\_\_ in

Area \_\_\_\_\_ in<sup>2</sup>



Perimeter \_\_\_\_\_ mm

Area \_\_\_\_\_ mm<sup>2</sup>



# Worksheet on Word Problem on Measuring Length

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**1.** Maya used 1 m 50 cm of red ribbon and 4 m 28 cm of blue ribbon to make a flower. How much ribbon did she use in all?

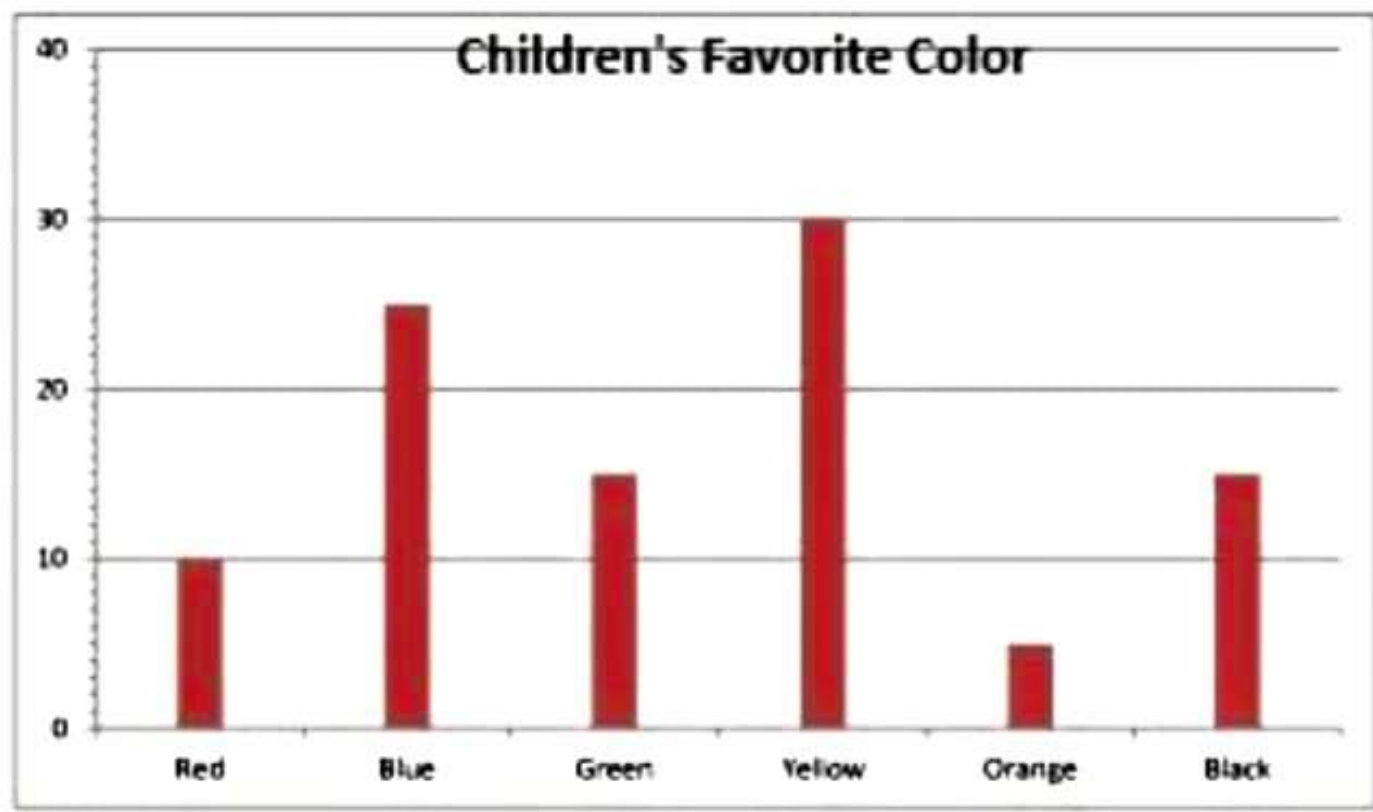
**2.** Ron rides his cycle 8 km per day. How many meters does he cycle in a day?

**4.** One box is 44 cm 5 mm tall. Another box is 35 cm tall. How tall will the boxes be if both are stacked one on top of the other?

**5.** Mr. Jones bought a cloth of length 3890 cm. How much is the length in m and cm?

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A survey was conducted among 100 children to find out the favorite color of children. The following bar graph shows the results.



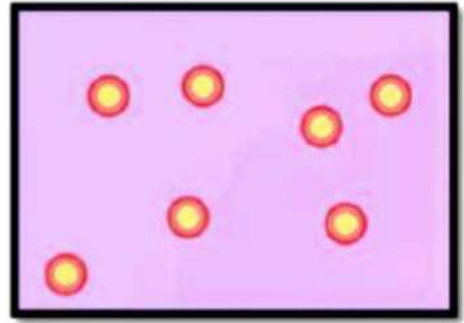
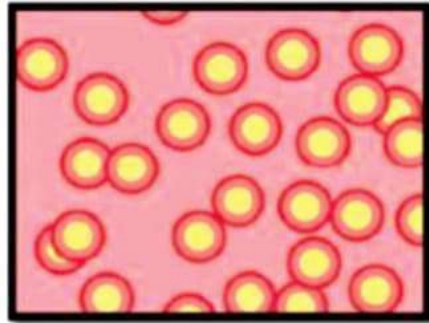
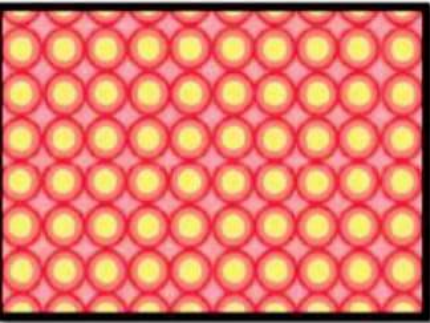
Answer the following questions.

- 1) How many children like Green? \_\_\_\_\_
- 2) Which color is the liked most by the children according to the survey? \_\_\_\_\_
- 3) How many more children like Black than Orange? \_\_\_\_\_
- 4) How many children like color Blue? \_\_\_\_\_
- 5) Which color seems to be least popular among the children that were surveyed? \_\_\_\_\_



# States of Matter

1) Write the names for the states of matter under the correct picture.



2) Classify the pictures into the correct state of matter.

Solid	Liquid	Gas



Car Exhaust



3) Drag the words to complete the sentences.

- In solids, the \_\_\_\_\_ are close together.
- Liquids, like \_\_\_\_\_, can change their shape.
- Gases don't have a fixed \_\_\_\_\_.
- Solids, like \_\_\_\_\_, usually have a fixed form.
- Gases can change their \_\_\_\_\_.
- The particles in \_\_\_\_\_ can move around freely.

water shape particles shape  
ice gases



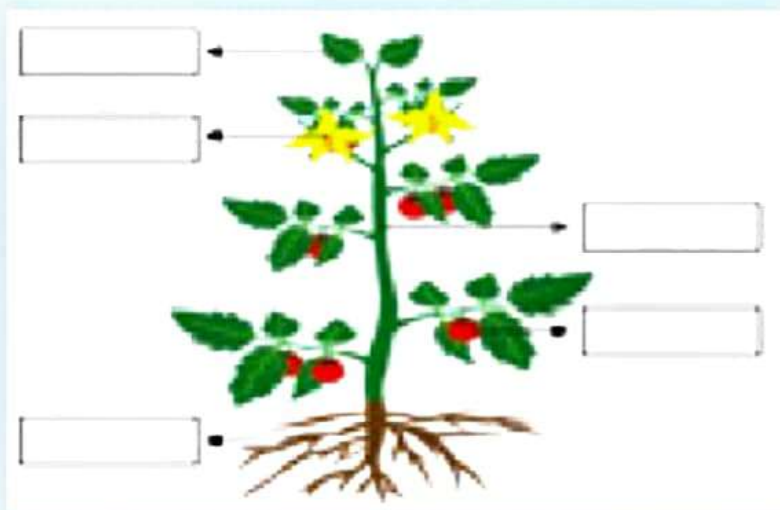
# Let's Talk Science



1. Vertebrates are animals with \_\_\_\_\_.
2. Mammals and \_\_\_\_\_ are warm blooded vertebrates.
3. I am cold blooded, breathe through lungs and have dry scaly skin:
4. I am a mammal but lay eggs. What am I?
5. I live in water and can breathe under water through gills.

6-10 Use these words to label the parts of the plant below.

**Fruit      Leaf      Flower      Root      Stem**



11. To grow healthily plants need air, water, nutrients and \_\_\_\_\_.

12. \_\_\_\_\_ have a fixed shape but (13) \_\_\_\_\_ take the shape of the container.

14. When a liquid is heated it \_\_\_\_\_ faster.

15. Water freezes at \_\_\_\_\_ degrees celcius.

16. Salt \_\_\_\_\_ in water.

17. Stone is \_\_\_\_\_ in water.

18. \_\_\_\_\_ is the best way to separate mixed buttons and paperclips.

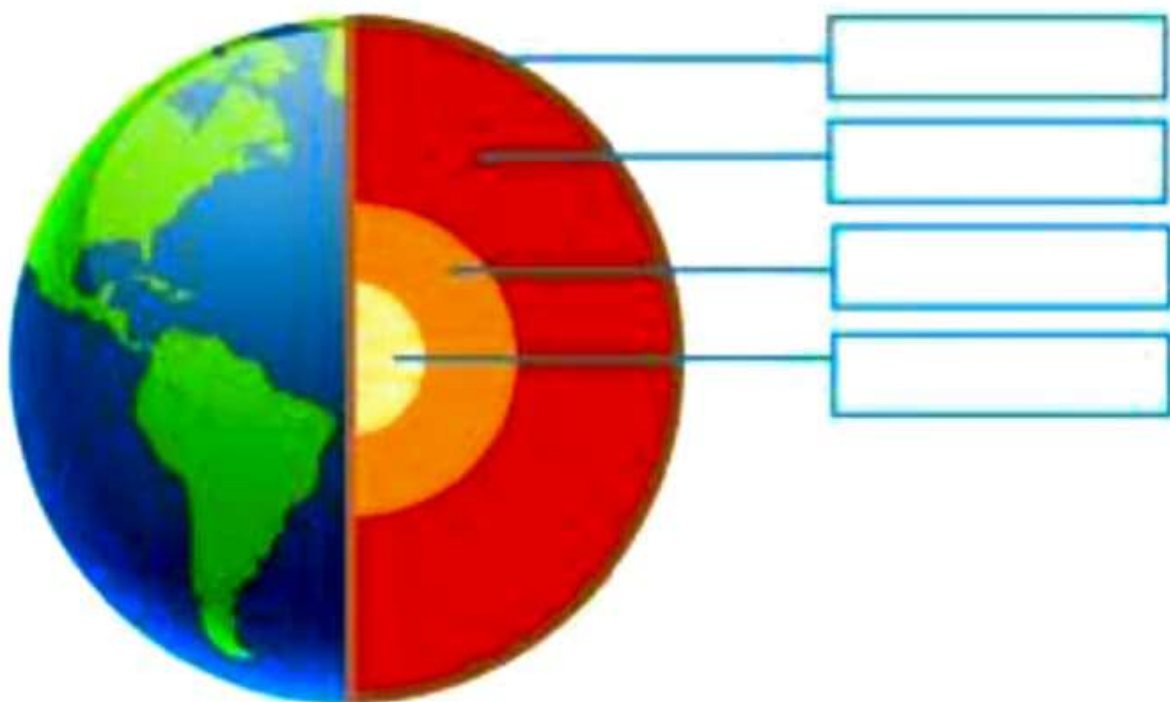
19. A \_\_\_\_\_ is ideal to separate coffee from water.

20. A \_\_\_\_\_ can be used to separate pins from buttons.



## Layers of the Earth (Worksheet)

Q.1. Label the layers of the Earth.



Q.2. Write T or True if the statement is true; write F or False if the statement is false.

- \_\_\_\_\_ 1. The inner core is solid while the outer core is liquid.  
\_\_\_\_\_ 2. The coolest layer of the earth is mantle.  
\_\_\_\_\_ 3. There are two types of crust: continental crust and oceanic crust.  
\_\_\_\_\_ 4. The movement of the inner core create the movement of the Earth's plates.

Q.3. Fill in the blanks with suitable words.

- a) The thinnest layer of the Earth is the \_\_\_\_\_.  
b) The thickest layer of Earth is the \_\_\_\_\_.  
c) The \_\_\_\_\_ is composed of the melted metals of nickel and iron.  
d) \_\_\_\_\_ is rigid outer layer that include the upper part of the mantle and the crust.  
e) \_\_\_\_\_ is plastic, flowing layer in the middle of mantle.

Q.4. Which layer of the Earth is found above the mantle?

- a) Outer core  
b) Inner core  
c) Crust  
d) Magma

1. Read and fill in the gaps using the words in the box.

giant - Earth - Uranus - planets - Mercury - small - Jupiter - Mars - Sun - rocky - Neptune - Solar System - gas - Venus - star - Saturn

The \_\_\_\_\_ and the \_\_\_\_\_ form the \_\_\_\_\_.

The Sun is an enormous \_\_\_\_\_.

Mercury, Venus, Earth and Mars are the four \_\_\_\_\_ planets.

Jupiter, Saturn, Uranus and Neptune are the four \_\_\_\_\_ planets.

The first planet is \_\_\_\_\_.

The second planet is \_\_\_\_\_.

The third planet is \_\_\_\_\_.

The fourth planet is \_\_\_\_\_.

The fifth planet is \_\_\_\_\_.

The sixth planet is \_\_\_\_\_.

The seventh planet is \_\_\_\_\_.

The eighth planet is \_\_\_\_\_.





- India is located in the southern part of the continent of \_\_\_\_\_.
- It is the \_\_\_\_\_ largest country in the world in area and the second largest in \_\_\_\_\_.
- The southernmost tip of India is \_\_\_\_\_.
- The smallest state of India is \_\_\_\_\_.
- It is surrounded by the water bodies: \_\_\_\_\_ in the west, the \_\_\_\_\_ in the east and the \_\_\_\_\_ in the south.
- Today, India is a union of \_\_\_\_\_ states and \_\_\_\_\_ union territories.
- Chandigarh is the capital city of two states \_\_\_\_\_ and \_\_\_\_\_.



# Practice

Name \_\_\_\_\_ Date \_\_\_\_\_

## On the lines, write whether each action is a Right or a Responsibility

1. In her community, Maria signed up to become a girl scout. \_\_\_\_\_
2. Thomas' mother gave him some new clothes before school started. \_\_\_\_\_
3. Noah arrived on time for his basketball game. \_\_\_\_\_
4. Each day, the students in 1<sup>st</sup> grade make sure they wash their hands. \_\_\_\_\_
5. All of Anne's friends play basketball, but she likes to dance instead. \_\_\_\_\_
6. Every Saturday morning the Waters family clean and vacuum their home. \_\_\_\_\_
7. When John and Tanesha get older they both want to become President. \_\_\_\_\_
8. The children are helped by the crossing guard to get to school. \_\_\_\_\_
9. At the end of each day, Haley makes sure her homework is completed. \_\_\_\_\_
10. Kevin and Julie picked up litter on their way home from school. \_\_\_\_\_
11. Michaela and her friends eat lunch together every day at school. \_\_\_\_\_
12. Anthony takes his dog for a walk each night before bed time. \_\_\_\_\_
13. Mr. and Mrs. Mulkeen had a choice of schools to send their son, Danny. \_\_\_\_\_
14. My neighbors go to a different church every week. \_\_\_\_\_
15. Even though she hates to take a shower, Charlotte does so every night. \_\_\_\_\_
16. The basketball team was thirsty after the game and drank some water. \_\_\_\_\_
17. The students followed the rules of the classroom every day. \_\_\_\_\_
18. The older girl helped the little boy when she saw that he was lost. \_\_\_\_\_





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SPORTS FEST  
INTERNATIONAL SCHOOL ROHTAK  
CONTACT





**G.D. GOENKA**  
International School Rohtak



**JANUARY 2025  
WINTER BREAK**



**GRADE: V - VIII  
WINTER BREAK HOLIDAY HOMEWORK  
2025**





Dear Students and Parents,

Wishing you all a warm and joyful Winter Break! As the temperatures drop, please prioritize staying warm & cozy.

Remember to dress in layers, wear warm clothing, and stay indoors during extreme cold weather.

Enjoy this well-deserved break and stay safe!

Here are some guidelines from the principal to parents to protect students from winter:

Dear Parents/Guardians,

As winter sets in, we want to ensure our students stay safe and warm.

Date of School Opening : **Thursday 16<sup>th</sup> January 2025**

**Please note the following guidelines:**

- 1. Dressing: Send your child in warm, layered clothing (thermal, sweater, gloves, scarf, and warm socks).**
- 2. Footwear: Ensure your child wears warm, waterproof shoes or boots.**
- 3. Headgear: Encourage your child to wear a warm hat or cap.**
- 4. Timely Arrival: Ensure your child reaches school on time to avoid waiting in the cold.**
- 5. Stay Indoors: During extreme cold, students will stay indoors during recess and breaks.**
- 6. Healthy Diet: Encourage your child to eat nutritious food to stay warm and healthy.**
- 7. Hydration: Remind your child to drink plenty of water throughout the day.**

Thank you for your cooperation.

**MS. RITU SINDHU**  
**PRINCIPAL, GDGIS**

## **Important Note:**

- **Making of Working Model and Chart is Mandatory.**
- **Working mode and chart consist of 10-marks which will be included in SA2 exams.**

### **MODELS**

**Make a working model on any one of the topics below:**

1. Water purification system.
2. Seed germination model.
3. Community helpers model.
4. Transportation system model.

**Note: Make any one model out of the four topics given above.**



## ENGLISH

### Worksheet-1

**Ques 1. Fill in the blanks with the most appropriate conjunctions in the following sentences:**

1. Deepak \_\_\_\_\_ Santhosh are best friends.
2. Make sure you work hard \_\_\_\_\_ you will not be able to score good marks.
3. \_\_\_\_\_ Anna does not cook much, she loves baking.
4. Let me know, \_\_\_\_\_ you will be able to make it to the party.
5. I have to go home now \_\_\_\_\_ I really wish I could stay for some more time.
6. I am not well off from work \_\_\_\_\_ I decided to take a day off from work.
7. Let me know \_\_\_\_\_ you work out regularly, you will not see any results.
8. He had no money, \_\_\_\_\_ he was prepared to help me
9. I could not find the place \_\_\_\_\_ lost the map.
10. \_\_\_\_\_ I was walking on the street; I found a wounded dog.

### Worksheet-2

**QUES 1. Identify the preposition from the following sentences.**

1. The cat is on the roof.
2. I like to sit beside my best friend in class.
3. The ball is under the table.
4. We will have a picnic in the park.
5. The airplane is flying above the clouds.
6. The book is between the two shelves.
7. Let's meet at the playground.
8. The sun sets behind the mountains.
9. The pen is in front of the notebook.
10. The teacher is standing near the whiteboard.

### Worksheet-3

**Ques 1. Read the sentences given below and underline the adverbs.**

1. The boy is too careless.
2. The winds are very strong.
3. The baby slept soundly.
4. The soldiers fought the war valiantly.
5. Joey always tries his best.
6. Surely you are mistaken.
7. The movie is to end soon.
8. Your friend messaged again.
9. I did my homework already.
10. I was rather busy.

## MATHS

### Worksheet-1

- Q.1 Work out  $5+6\times 6-2+9 =$
- Q.2 How many sides does a pentagon have ?.
- Q.3 Write down the number ten thousand five
- Q.4 What is the missing number in this sequence?
- Q.5 I have Rs. 125.40. I spend Rs. 24.75. How much do I have left.
- Q.6 How many groups of 3 make 15 ?
- Q.7 Divide.  $22/7$ .
- Q.8 Divide  $1/17$
- Q.9 Find LCM of 289, 85
- Q.10 Find HCF of smallest three digits numbers

### Worksheet -2

- Q.1 Explain Types of angles with definition.
  - a. Equilateral Triangle
  - b. Isosceles Triangle
- Q.2 Find missing number of 100,99,.....,94,90,.....
- Q.3 solve.  $8\times 12\div 4-3+5 =$

- Q.4 solve  $100 \times 12.0845 =$   
Q.5 Convert in milliliters. 12L 12dl, 13L 13dl  
Q.6 If 2 apples cost is Rs 12.25 Find the cost of 8 apples  
Q.7 Find profit. If C.P. Rs 1250, S.P. Rs 1775  
Q.8 Find Loss. If S.P. = Rs. 123.45, C.P. Rs = 234.56.

**Worksheet:- 3**

- Q.1 Solve  $\frac{1}{2} + \frac{1}{6}$   
Q.2 Solve  $\frac{1}{5} + \frac{1}{12} - \frac{1}{10}$   
Q.3 Find LCM of the following numbers 30,45 and 60.  
Q.4 Find HCF of the following numbers 69, 138 and 529.  
Q.5 Draw the following acute angles with help of protractor  
a. i.  $60^\circ$  ii.  $75^\circ$   
Q.6 Draw the following obtuse angles with help of the protractor  
a. i.  $120^\circ$  ii.  $150^\circ$   
Q.7 Identify the angles based on it's sides.  
i. 5cm,5cm,5cm.  
ii. 6cm, 5cm, 6cm  
iii. 3cm,4cm,5cm

**Science**

**Worksheet -1**

- Q1. Fill in the blanks.  
1. Plants prepare their food through the process of .....
- Animals that eat only plants are called .....
  - The ..... is the basic unit of life.
  - Non-living things do not need ..... to survive.
  - The ..... give shape and support to plants.
- Q2. Mark true and false.  
1. Birds are classified as mammals.  
2. The sun is the main source of energy for Earth.  
3. All plants can grow in deserts.  
4. Animals breathe in the oxygen and release carbon dioxide.  
5. Living things can grow and reproduce.

**Worksheet - 2**

- Q1. Write the names of Planets.  
Q2. Write any ways to purify water at home.

**Worksheet - 3**

- Q1. What is the largest planet in our solar system ?  
Q2. What do we call the gas that humans exhales ?  
Q3. Which organ in the human body pumps blood ?  
Q4. What is the natural satellite of the earth ?  
Q5. Which organ in the body helps in breathing ?  
Q6. Which part of the plant absorbs water from the soil ?  
Q7. What is the name of the process by which water turns into vapour ?  
Q8. What is the name of the first layer of atmosphere ?

**SST**

**Worksheet 1**

- Q1. Fill in the blanks.  
1. The shape of the Earth is .....
- The layer of the Earth we live on is .....
  - ..... gas is the most abundant in the earth's atmosphere.
  - Largest ocean on the earth is .....
  - ..... is known as the blue planet.
  - The spinning of the Earth on its axis is known as .....

- Q2. Match the following.

Column A                      Column B

1. Sun                      A. Natural satellite
2. Moon.                    B. Renewable resources
3. Fossil fuels              C. Non renewable
4. Forest                    D. Provides sunlight

### Worksheet 2

Q1. State true and false.

1. The earth is flat.
2. The tropic of Cancer passes through India.
3. Mahatma Gandhi is known as the father of nation.
4. The Great Wall of China is located in India.
5. The Nile river is the longest river in the world.
6. The earth rotate on its Axis from west to east.
7. The Taj Mahal was built by Akbar.
8. India is the first largest country in the world by area.

### Worksheet 3

- Q1. What is the largest continent on the Earth ?
- Q2. Which planet is known as the red planet ?
- Q3. What is the imaginary line which divide the earth into two equal parts ?
- Q4. Which river is called the lifeline of Egypt ?
- Q5. What is the process by which plants make their food ?
- Q6. What is the term for the dry and sandy area with little rainfall ?

## HINDI

### हिन्दी कार्यपत्रिका - 1

निम्न लिखित वाक्यों में से विश्लेषण को रेखांकित कीजिए आप और उनके भेद लिखिए

1. राघव बुद्धिमान छात्र है-
2. वह एक पंखा लेकर घूम रहा है-
3. बगीचे में लाल पीले फूल खिले हुए हैं-
4. रावण बहुत घमंडी स्वभाव का था-
5. मेरा कपड़ा दो मीटर से बनता है-
6. मुझे थोड़ा सा कपड़ा चाहिए-
7. सभी बच्चे बैठ जाए-
8. आज मैंने ज्यादा खाना खा लिया-
9. मेरे आंगन में सुगंधित फूल खिला है-
10. सारे आम सड़ गए-
11. सैकड़ों लोग मारे गए-
12. रीमा ने पांच आम खरीदे-
13. यह घर बड़ा है-
14. 10 किलो चीनी ले आओ-
15. बारिश में गर्म गर्म पकौड़े बहुत अच्छे लगते हैं-



## हिन्दी कार्यपत्रिका - 2

रेखांकित शब्दों के लिंग बदलकर वाक्य फिर से लिखिए।

1. हमारे घर में एक नौकर है।
2. मेरे दादाजी वृद्ध हो गए हैं।
3. यह बालक छठी कक्षा में पढ़ता है।
4. इस घर का मालिक कौन है?
5. यह लेखक बहुत अच्छी कहानियाँ लिखता है।
6. हिरन तेज गति से दौड़ता है।
7. यह छात्रा बहुत मेहनती है।
8. मालिन इन पौधों में पानी दे रहा है।
9. विधानसभा में भाषण दे रहा है।
10. यह युवती मेरी बहन है।

## हिंदी कार्यपालिका- 3

काल पहचान कर उचित विकल्प पर सही (✓) निशान लगाइए ।

(क) शेर जंगल का राजा है।

(1) भूतकाल (2) वर्तमान काल (3) भविष्यत्

(ख) नीना खाना खाएगी।

(1) भूतकाल (2) भविष्यत् काल (3) वर्तमान काल

(ग) भरत गाना गा रहा था।

(1) भूतकाल (2) वर्तमान काल (3) भविष्यत् काल

(घ) बच्चे पाठशाला जा रहे हैं।

(1) वर्तमान काल (2) भविष्यत् काल (3) भूत काल

(ङ) हम प्रतिदिन घूमने जाते हैं।

(1) वर्तमान काल (2) भविष्यत् काल (3) भूत काल









**G.D. GOENKA**  
International School Rohtak



**JANUARY 2025  
WINTER BREAK**



**GRADE: V - VIII**

**WINTER BREAK HOLIDAY HOMEWORK**

**2025**







Dear Students and Parents,

Wishing you all a warm and joyful Winter Break! As the temperatures drop, please prioritize staying warm & cozy.

Remember to dress in layers, wear warm clothing, and stay indoors during extreme cold weather.

Enjoy this well-deserved break and stay safe!

Here are some guidelines from the principal to parents to protect students from winter:

Dear Parents/Guardians,

As winter sets in, we want to ensure our students stay safe and warm.

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**Please note the following guidelines:**

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- 7. Hydration: Remind your child to drink plenty of water throughout the day.**

Thank you for your cooperation.

**MS. RITU SINDHU**

**PRINCIPAL, GDGIS**

## **Important Note:**

- **Making of Working Model and Chart is Mandatory.**
- **Working model and chart consist of 10-marks which will be included in SA2 exams.**

### **MODELS & CHART WORK**

#### **English**

Make a chart on voice.

#### **Hindi**

'बसंत पंचमी' या 'शिवरात्रि' के विषय पर चित्र बनाकर उनसे संबंधित चार पंक्तियाँ एक चार्ट पेपर पर लिखिए।

#### **S.ST**

**Make a working model on any one topic below.**

1. Solar system model
2. Life in the ancient period

#### **Science**

Draw chart on-

1. Different types of plant leaves
2. Skeleton System or Parts of plants

## ENGLISH

### Worksheet 1.

**Read the following sentences and convert them into indirect speech.**

1. Rahul told to me, "When are you leaving?"
2. "Where do you live?" the stranger asked Aladdin.
3. The teacher said to Shelly, "Why are you laughing?"
4. Dhronacharya said to Arjun, "Shoot the bird's eye."
5. "Call the first convict," said the jury.
6. "Call the ambulance," said the man.
7. Bruce said to me, "I shall do the work."
8. My mother said to me, "You were wrong".

### Worksheet 2.

**Read the given sentences below and circle the adjectives.**

1. The homeless beggar hasn't eaten in days.
2. The fox is a sly animal.
3. Mary had a little lamb.
4. The selfish giant didn't allow the children to enter his garden.
5. The foolish dog barked at its reflection and lost its food.
6. The family didn't have enough food for the winter.
7. The girl is a state-level boxer.
8. The brave army marched through the streets.

### Worksheet 3.

**Read the sentences given below and underline the adverbs.**

1. The boy is too careless.
2. The winds are very strong.
3. The baby slept soundly.
4. The soldiers fought the war valiantly.
5. Joey always tries his best.
6. Surely you are mistaken.
7. The movie is to end soon.
8. Your friend messaged again.
9. I did my homework already.
10. I was rather busy.



# MATHS

## Worksheet 1

1. Work out  $5 - [2+3-6+(5-2+5)5] =$
2. How many sides does cube have ?
3. Write the greatest 4- digit number and express it in form of its prime factor.
4. What is the missing number in this sequence? 4,8,9,27, \_\_,\_\_, 25,125.
5. I have Rs. 125.40. I spend Rs. 24.75. How much do I have left.
6. Determine the smallest 3-digit number which is exactly divisible by 6,8, and 12.
7. Divide  $22/7$
8. Divide  $2/17$
9. Find LCM of 289, 85
10. Find LCM of smallest four digits number whose divisible by 2,5, and 9.

## Worksheet -2

1. Explain Types of angles with definition.
  - a. Equilateral Triangle: -
  - b. Isosceles Triangle:-
  - c. Scalene Triangle: -
2. Find missing number of 100, 99 ,...,94,90,....,
3. Solve.  $12 \div 3 + [12 - 12 + 12(6/3 + 6/3 - 4)] =$
4. Solve  $30.25 \times 12.0845 =$
5. Represent the following numbers on the number line.
  - (a) +6.
  - (b) - 10
  - (c)  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{3}{4}$ ,  $\frac{4}{4}$
6. If 2 apples cost Rs 12.25 Find the cost of 8 apples
7. Find the sum in each of the following
  - (a)  $0.007 + 8.5 + 29.75$
  - (b)  $27.075 + 0.276 - 12.345$
8. Find Loss. If S.P. = Rs. 123.45, C.P. Rs = 234.56
9. A tabletop measured 2m by 1m 50cm. What is its area in square meters ?
10. Find the ratio of the following.
  - (a) 30 minutes to 1.5 hours
  - (b) 500 ml to 2 liters

## Worksheet.3

1. Choose anyone working models of the following.
  - a. Knowing our numbers
  - b. Cube numbers from 1 to 10
  - c. Square numbers from 1 to 10
  - d. Lines and angles
  - e. Geometrical shapes (Like Rectangle, cuboid, cylinder, cone, sphere)
  - f. Simple equation, one variable.

## Science

### Sorting material into groups

#### Fill in the blanks

1. Objects are made up of large variety of \_\_\_\_.
2. Tumblers are made with materials that can hold \_\_\_\_.
3. Materials that have lustre are usually called as \_\_\_\_.
4. Three examples of metals are \_\_\_\_\_ & \_\_\_\_\_.
5. The gas which can dissolve in water is \_\_\_\_.
6. Materials are grouped together on the basis of \_\_\_\_ and \_\_\_\_ in their properties.
7. Some metals lose their shine and often look dull because of the action of \_\_\_\_\_ and \_\_\_\_ on them.
8. Based upon transparency, materials can be grouped as \_\_, \_\_\_\_\_ and \_\_\_\_.

#### Name the following:

1. Two liquids soluble in water
2. Two liquids insoluble in water
3. Two transparent objects
4. Two translucent objects
5. Two opaque objects
6. Two solids soluble in water

#### Write true or false :

1. Stones and nails float on water.
2. Cotton is soft while iron is hard.
3. We choose a material to make an object depending on its properties and the purpose for usage.

#### Define the following:

1. Transparent materials
2. Translucent materials
3. Opaque materials

#### Distinguish between soluble and insoluble substances.

#### Answer the following questions:

1. Why do we need to group materials?
2. Name any four properties that can be used for sorting materials.

### CHANGES AROUND US

1. Differentiate between reversible & irreversible changes.
2. Classify the following as reversible or irreversible change:
  - a. Growing of nails
  - b. Shredding of leaves
  - c. Blooming of flowers
  - d. Burning of candle
3. How is melting of wax different from burning of wax?
4. Give reasons:
  - a. Inflating a balloon is an example of reversible change whereas bursting of balloon is an irreversible change.
  - b. Heating of coal tar is a reversible change
5. How can dissolution of salt in water be reversed?
6. What are the changes that take place on burning an incense stick?
7. How does a black smith change a piece of iron into different tools?
8. How is the iron blade of digging tools fixed to the wooden handle?
9. Baking of clay to form clay pot cannot be reversed. Explain.
10. Explain the process of fixing a metal rim on a wooden wheel of a cart.

### Light, Shadows and Reflections

#### i) Fill in the blanks :

1. \_\_\_\_\_ helps us to see objects.
2. Objects that give out or emit light of their own are called \_\_\_\_\_.
3. \_\_\_\_\_ objects allow light to pass through them completely.
4. \_\_\_\_\_ objects do not allow the light to pass through it at all.
5. \_\_\_\_\_ objects allow the light to pass through them partially.
6. Light travels in a \_\_\_\_\_.
7. \_\_\_\_\_ are formed when an opaque object comes in the path of light.
8. \_\_\_\_\_ and \_\_\_\_\_ objects are essential for the formation of shadows on a screen.
9. A shadow cast by the heavenly bodies is called an \_\_\_\_\_.
10. Images formed by a pin-hole camera are \_\_\_\_\_.

11. We see \_\_\_\_\_ of the object in the mirror.

II) Answer in one or two words :

1. Give two examples of opaque objects.
2. Give two examples transparent objects
3. Give two examples of translucent objects.
4. Give two examples of luminous objects
5. Give two examples of non-luminous objects.

III) Choose the correct Answer :

1. [Mirror/glass] helps to change the direction of light that falls on it.
2. Images are [ same / different] from the shadow.
3. Torch bulb is [ luminous / non – luminous object]
4. [opaque/transparent] objects cast shadows.
5. Coloured objects form [coloured / dark] shadows.

IV) Answer the following questions :

1. How are shadows formed ?
2. What is meant by reflection of light ?
3. Explain with the help of an activity that light travels in a straight line.

V) Define :

1. Opaque objects
2. Shadows
3. Reflection of light

VI) **Distinguish between**

1. Transparent and translucent objects
2. Luminous and non luminous objects.



**Worksheet 1.**

Q1. One word answer.

1. Which is the longest river in the world ?
2. What is the national capital of India ?
3. Who is known as the father of nation ?
4. What type of government does India have ?
5. Which is the largest desert in India ?

Q2. Fill in the blanks.

1. The three main layers of the earth are. ....
2. The earth's largest continent is .....
3. The ..... river is famous in Egypt.
4. The constitution of India came into effect on .....
5. The ..... ocean is the smallest ocean in the world.

**Worksheet 2.**

Q1. Fill in the blanks.

1. Water is a ..... resource.
2. .... is the first prime minister of India.
3. Indus valley civilization is also known as .....
4. .... is the main source of energy for the earth.
5. .... Is the important and religious river in India.
6. The process of farming and growing crops is known as .....
7. The earth is divided into ..... hemispheres.
8. The Thar desert is located in ..... , India.

**Worksheet 3.**

Q1. Mark true and false.

1. The constitution of India came into effect on 15th August 1947.
2. The tropic of Cancer passes through India.
3. Ashoka was a famous ruler of Gupta dynasty.
4. The equator is a imaginary line dividing the earth into two equal parts.
5. The Himalayas are the oldest mountain range in the world.
6. The Amazon river flows through Africa.
7. The constitution of India is the longest written constitution in the world.
8. The Great Wall of China is visible through space.

निम्नलिखित वाक्यों में से क्रिया शब्द छॉटिए।

1. माँ कपडे धो रही है।

(क) माँ (ख) कपडे (ग) धो रही है।

2. राजेश पानी भर रहा है।

(क) राजेश (ख) पानी (ग) भर रहा है।

3. पिताजी अखबार पढ रहे हैं।

(क) अखबार (ख) पढ रहे हैं (ग) पिताजी

4. राधा टेलीविजन देख रही है।

(क) देख रही है (ख) राधा (ग) टेलीविजन

5. रेखा झूला झूल रही है।

(क) रेखा (ख) झूला (ग) झूल रही है

6. गंगा हिमालय से निकलती है।

(क) गंगा (ख) हिमालय (ग) निकलती है

7. मोहन पतंग उडा रहा है।

(क) पतंग (ख) उडा रहा है (ग) मोहन

### हिंदी कार्यपत्रिका-2

निम्नलिखित वाक्यों में से सर्वनाम शब्द छांट कर उनका भेद भी लिखे।

1. हम मैच जीत गए।

2. वह बहुत चतुर लडका है।

3. वे घर जा रहे हैं।

4. उनको फल दे आओ।

5. किसके साथ दिल्ली जा रहे हो?

6. जो परिश्रम करेगा, वह सफल होगा।

7. मैं पढ़ रही हूँ।
8. हम बरसात में छाते का प्रयोग करते हैं।
9. तुम्हारे पास कौन-सा मोबाईल है ?
10. किसने तुम्हें यह भेंट दिया?
11. तुम किससे झगड़ रहे थे?
12. तुम यहां क्या कर रहे हो?
13. तुम्हें यह काम खुद करना है।
14. दूध में कुछ गिर गया है।
15. अभिषेक अपने-आप घर चल गया।

### हिंदी कार्यपत्रिका-3

निम्नलिखित शब्दों के पर्यायवाची शब्द लिखिए।

1. 'बादल' का पर्यायवाची शब्द है-

(क) पयोधि (ख) नीरज (ग) पयोद (घ) तोयस

2. 'नदी' का पर्यायवाची नहीं है-

(क) भागीरथी (ख) तरंगिनी (ग) तटिनी (घ) अपगा

3. किस समूह में सभी शब्द 'कमल' के पर्यायवाची हैं?

(क) जलज, तोयद, नीरज, पंकज (ख) तोयद, नीरज, जलद, वारिज (ग) वारिज, पंकज, नीरज, जलज  
(घ) पंकज, तोयद, वारिज, जलधि

4. 'गणेश' का पर्यायवाची शब्द है-

(क) अलकापति (ख) उमापति (ग) पशुपति (घ) गणपति

5. 'भौरा' का पर्यायवाची शब्द है-

(क) रसाल (ख) मधुप (ग) सौरभ (घ) मकर









**G.D. GOENKA**  
International School Rohtak



**JANUARY 2025  
WINTER BREAK**



**GRADE: V - VIII**

**WINTER BREAK HOLIDAY HOMEWORK**

**2025**





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**PRINCIPAL, GDGIS**



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## **Models & Chart Work**

### **Maths**

• **Students You have to choose any three working models from the below**

1. Fraction wheel
2. Fraction pin page
3. Geometry project like point, segment, line, Ray
4. Types of line like (a) Intersecting lines (b) parallel lines (c) Perpendicular lines
5. Geometry shapes (a) Square (b) Cube (c) cuboid
6. Types of Angle (a) Equilateral Triangle (b) Isosceles Triangle (c) Scalene Triangle

**Note:-**

1. **Dear parents please do complete the holiday worksheet for his/her child.**
2. **This worksheet compulsory for everyone students.**

### **S.ST**

**Make a working model on any two topic below.**

1. 3D Map of India  
Create a 3D map showing physical features like mountains, plateaus, rivers, and plains using materials like clay, cardboard, or Thermocol.
2. Solar System Model  
Represent the solar system with planets and their orbits using styrofoam balls, wires, and paints. Label each planet with basic information.
3. Indus Valley Civilization  
Build a miniature model of an Indus Valley city with features like the Great Bath, granaries, and drainage systems using clay or cardboard.
4. Volcano Eruption Model  
Create a working model of a volcano using baking soda and vinegar to demonstrate an eruption.
5. Windmill Model  
Show the concept of wind energy by making a simple windmill using paper, straws, and a small motor (optional).
6. The Globe and Latitude-Longitude Lines  
Create a handmade globe and mark the latitudes, longitudes, the Equator, and important tropics with clear labeling.
7. Types of Forests  
Make a diorama showcasing the different types of forests (tropical, temperate, coniferous) with miniature trees and animals.
8. Democracy and Election Process  
Create a voting booth model and explain the process of elections with miniature ballot

boxes and dummy voter ID cards.

**9. Historical Monument**

Build a replica of a historical monument like the Taj Mahal, Qutub Minar, or a medieval fort using craft materials.

**10. River System**

Make a model showing a river's journey from its source to the sea, including tributaries, deltas, and surrounding landforms.

Materials to Use:

Cardboard, clay, thermocol, paints, paper, glue, and recyclable materials like plastic bottles and old newspapers.

**Science**

**Make any two working model project on -**

1. Bridge building model
2. Acid base indicator model
3. Electric circuit
4. Digestive system
5. Solar energy
6. Modern irrigation system
7. Air purifier
8. Homemade lava lamp
9. Human skeleton system
10. Human heart









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## **Models & Chart Work**

### **Maths**

• **Students You have to choose any three working models from the below working model topics for 8th class math, along with tips and materials:**

#### **1. Topic: Geometry - Pyramid Model**

- a. Materials: Cardboard, scissors, glue, ruler
- b. Tips: Cut out triangular shapes from cardboard and assemble them to form a pyramid.

**Use glue to hold the shapes together.**

#### **2. Topic: Symmetry - Butterfly Model**

- a. Materials: Color paper, scissors, glue, pencil
- b. Tips: Cut out a butterfly shape from color paper and fold it in half to demonstrate line symmetry.

**Use glue to attach the wings to the body.**

#### **3. Topic: Fractals - Sierpinski Triangle Model**

- a. Materials: Paper, scissors, glue, pencil
- b. Tips: Cut out an equilateral triangle from paper and remove the center triangle to form a Sierpinski triangle.

**Repeat the process to create a fractal pattern.**

#### **4. Topic: Measurement - Ruler Model**

- a. Materials: Cardboard, ruler, scissors, glue
- b. Tips: Cut out a ruler shape from cardboard and mark measurements on it.

**Use glue to attach the ruler to a flat surface.**

#### **5. Topic: Data Handling - Bar Graph Model**

- a. Materials: Cardboard, scissors, glue, pencil
- b. Tips: Cut out rectangular shapes from cardboard to represent data. Arrange the shapes in a bar graph pattern and use glue to hold them together.

#### **6. Topic: Geometry - Bridge Model**

- a. Materials: Popsicle sticks, glue, scissors, ruler
- b. Tips: Cut out Popsicle sticks to form a bridge shape and use glue to assemble them.

**Use scissors to cut out a roadway and attach it to the bridge.**



### 7. Topic: Symmetry - Kaleidoscope Model

- a. Materials: Color paper, scissors, glue, pencil, mirror
- b. Tips: Cut out symmetrical shapes from color paper and attach them to a mirror using glue.

**Use scissors to cut out a kaleidoscope shape and attach it to the mirror.**

### 8. Topic: Measurement - Water Tank Model

- a. Materials: Cardboard, scissors, glue, ruler
- b. Tips: Cut out a water tank shape from cardboard and mark measurements on it.

**Use glue to attach the tank to a flat surface.**

### 9. Topic: Geometry - Prism Model

- a. Materials: Cardboard, scissors, glue, ruler
- b. Tips: Cut out rectangular shapes from cardboard to form a prism shape.

**Use glue to assemble the shapes and attach them to a flat surface.**

### 10. Topic: Data Handling - Pie Chart Model

- a. Materials: Cardboard, scissors, glue, pencil
- b. Tips: Cut out a circular shape from cardboard to represent a pie chart.

**Cut out sectors from the circle to represent data and use glue to attach them to the circle.**

**Remember to be creative and have fun with your working models! Use a variety of materials and colors to make your models visually appealing.**

**Note:-**

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2. This worksheet compulsory for everyone students.

**S.ST**

**Make a working model on any two topic below.**

1. The solar system
2. The water cycle
3. Plate tectonic
4. Renewable energy sources
5. Various factor of economy
6. Types of pollution
7. Rain water harvesting
8. Layers of atmosphere
9. Interior structure of earth
10. Eclipse(solar and lunar)

**Science**

**Any 1 Topic of chart paper –**

1. Make a digestive system
2. Make the period table

**Any 1 Working model –**

1. Make the electrical circuit
2. Make the volcano eruption

# Science

## Chapter 1- Crop Production and Management

### Worksheet

#### Multiple choice questions:

- 1) The crops that are sown in the rainy season are called \_\_\_\_\_  
(a) Kharif crops                      (b) rabi crops                      (c) cash crops                      (d) none of these
- 2) Which of the following is not a rabi crop?  
(a) wheat                      (b) potato                      (c) rice                      (d) mustard
- 3) The process of loosening and turning of the soil is called \_\_\_\_\_  
(a) ploughing                      (b) levelling                      (c) manuring                      (d) none of these
- 4) Animals kept on farm are called \_\_\_\_\_  
(a) livestock                      (b) pets                      (c) farm animals                      (d) none of these
- 5) Cultivating crops and rearing animals in individual farms is called \_\_\_\_\_  
(a) farming                      (b) agriculture                      (c) mixed farming                      (d) none of these
- 6) A farmer perform some tasks for cultivation of a crop are called \_\_\_\_\_  
(a) sowing                      (b) preparation of soil                      (c) agricultural practices                      (d) none of these

#### Answer the following questions in short:

1. What do you understand by agriculture?

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2. What is the traditional method of sowing the seeds?

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3. What is the special requirement of planting paddy saplings for transplantation?

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4. What is multiple cropping?

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5. Define harvesting?

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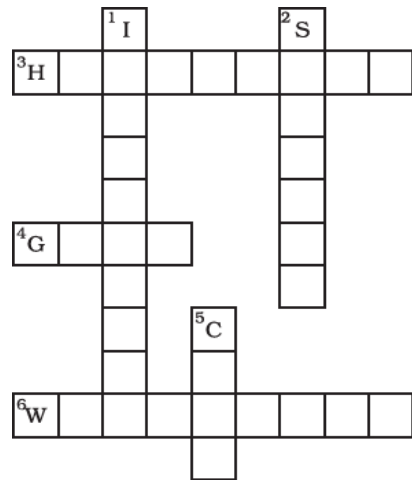
**Complete the following word puzzle with the help of clues given below.**

**Down**

1. Providing water to the crops.
2. Keeping crop grains for a long time under proper conditions.
5. Certain plants of the same kind grown on a large scale.

**Across**

3. A machine used for cutting the matured crop.
4. A rabi crop that is also one of the pulses.
6. A process of separating the grain from chaff.



**Identify the following agricultural practices:**



(a) \_\_\_\_\_

(b) \_\_\_\_\_

(c) \_\_\_\_\_

**Write one word for the following:**

1. Undesirable plants which are grown along with crop \_\_\_\_\_.
2. To turn the soil and loosen it. \_\_\_\_\_
3. Bacteria present in the root of leguminous plants. \_\_\_\_\_
4. Rearing of animals at large scale. \_\_\_\_\_

**Write any four sources of irrigation .**

\_\_\_\_\_

**What does the following picture represent?**



\_\_\_\_\_





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**JANUARY 2025**  
**WINTER BREAK**

**HAPPY**  
**HOLIDAYS**



**GRADE: IX & XI**

**WINTER BREAK HOLIDAY HOMEWORK**

**2025**





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**MS. RITU SINDHU**  
**PRINCIPAL, GDGIS**



## Important Note:

- Making of Working Model and Chart is Mandatory.
- Working model and chart consist of 10-marks which will be included in SA2 exams.

## Models & Chart Work

### Maths

For Students Roll no. 1 to 12.

#### 1. Number Systems (Roll no. 1)

Create a number line with movable markers to demonstrate rational and irrational numbers.

Design a board game to practice operations with real numbers.

#### 2. Algebraic Expressions and Identities (Roll no. 2)

Build 3D model of algebraic identities like  $(a + b)^2$  or  $(a - b)^2$  using blocks or cardboard. Create a puzzle game where students solve algebraic equations to find missing pieces.

#### 3. Coordinate Geometry (Roll no. 3)

Construct a 3D coordinate system using cardboard or sticks to visualize points in space. Design a treasure hunt game where students use coordinate points to find hidden objects.

#### 4. Linear Equations in Two Variables (Roll no. 4)

- a. Create a balance scale model to represent linear equations and their solutions.
- b. Develop a board game where solve linear equations to move their pieces.

#### 5. Introduction to Euclid's Geometry (Roll no. 5)

- a. Build models of different geometric shapes using straws and connectors to demonstrate properties like angles, lines, and triangles.
- b. Create a puzzle game where students use geometric principles to solve problems.

#### 6. Lines and Angles (Roll no. 6)

- a. Construct a device to measure angles using a protractor and a rotating arm.
- b. Design a game where players identify different types of angles and their properties.

#### 7. Triangles (Roll no. 7)

- a. Build models of different types of triangles (scalene, isosceles, equilateral) using cardboard or sticks.
- b. Create a puzzle game where students need to identify congruent triangles based on their properties.

#### 8. Quadrilaterals (Roll no. 8)

- a. Construct models of different quadrilaterals (parallelogram, rectangle, square, rhombus, trapezium) using cardboard or sticks.
- b. Design a game where players identify different quadrilaterals based on their properties.

#### 9. Areas and Volumes (Roll no. 9)

- a. Create 3D models of different shapes (cubes, cuboids, cylinders, cones, spheres)

to calculate their surface areas and volumes.

- b. Design a puzzle game where students need to calculate areas and volumes of different shapes to solve problems.

#### **10.Heron's Formula (Roll no. 10)**

- a. Build a model of a triangle with adjustable sides to demonstrate Heron's formula for calculating the area.
- b. Create a board game where players calculate the areas of different triangles using Heron's formula to move their pieces.

#### **11.Pythagorean Theorem: (Roll no. 11)**

- a. Model: Create a 3D model using cardboard or wood to visually represent the Pythagorean theorem ( $a^2 + b^2 = c^2$ ).
- b. Demonstration: Use movable pieces to show how the squares of the legs of a right triangle combine to form the square of the hypotenuse.
- c. Explanation: Explain the theorem and its applications in real-world scenarios, such as construction and navigation.

#### **12.Coordinate Geometry: (Roll no. 12)**

- a. Model: Create a physical coordinate plane using a board, graph paper, and pins.
- b. Demonstration: Plot points on the plane and draw lines and shapes to illustrate concepts like distance formula, section formula, and area of triangles.
- c. Explanation: Explain the basic concepts of coordinate geometry and how they are used to solve problems in geometry and algebra.

Remember, the best working models are those that are visually appealing, interactive.

**Note:-**

- 1. Dear parents please do complete the holiday worksheet for his/her child.**
- 2. This worksheet compulsory for everyone students.**

**S.St**

**Make a working model on any two topic below.**

**Working models of SST class 9th.**

**For students Roll no. 13 to 24**

- 1. Plate Tectonics (Roll no. 13)**
- 2. Water Cycle (Roll no. 14)**
- 3. Climatic Zones (Roll no. 15)**
- 4. Volcanic Eruption (Roll no. 16)**
- 5. Hydel Power Project (Roll no. 17)**
- 6. Solar Power Plant (Roll no. 18)**
- 7. Windmill Project (Roll no. 19)**
- 8. Solar System (Roll no. 20)**
- 9. Rotation and Revolution Of Earth (Roll no. 21)**
- 10.Solar Eclipse (Roll no. 22)**
- 11.Lunar Eclipse (Roll no. 23)**
- 12.Ganga River System (Roll no. 24)**

# SCIENCE

## Physics

### Make a working model project on

1. **Electric Circuit:** Create a simple electric circuit using a battery, wires, and a bulb to demonstrate the flow of electricity. **(Roll No. 25)**
2. **Solar Still:** Build a model of a solar still to demonstrate the process of distillation and purification of water using solar energy. **(Roll No. 26)**
3. **Wind Turbine:** Design a wind turbine using blades, a motor, and a generator to demonstrate the conversion of mechanical energy into electrical energy. **(Roll No. 27)**

## Biology

### Make a working model project on

1. Digestive system **(Roll no. 28)**
2. Modern irrigation system **(Roll no. 29)**
3. Human respiratory system **(Roll no. 30)**
4. Plant cell **(Roll no. 31)**

## Chemistry

### Make a working model project on

1. **Thermometer:** Create a model of a thermometer using a glass tube, water, and food coloring. **(Roll no. 32)**
2. **Barometer:** Design a model of a barometer using a glass tube, water, and a container to demonstrate atmospheric pressure. **(Roll no.33,34)**
3. **Biogas Plant:** Build a model of a biogas plant using clay, cardboard, and a container to demonstrate the production of biogas. **(Roll no.35,36)**

### Materials:

- Cardboard
- Clay
- Popsicle sticks
- Straws
- Glue
- Scissors
- Paint
- Wires
- Batteries
- Bulbs
- Magnifying glasses
- Prisms
- Mirrors
- Lenses
- Filters



**Tips:**

1. Research and understand the concept.
2. Choose materials wisely.
3. Ensure safety precautions.
4. Follow school guidelines.
5. Practice presentation skills.

**Remember to consult your teacher or physics textbook for specific guidelines and approval before starting your project.**





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**GRADE: IX & XI**

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## **Project Work**

### **History**

**Make a Working Model by depth research on any one of the following topics**

1. Geographic feature on Ancient civilization history on Mesopotamia – **Sarover**
2. Mahabharat – The Colossal Epic – will be done by **Chakshika** .
3. The spirit of renaissance – The era of Humanities learning – will be done by **Saransh**

***Points to be taken in Consideration while preparing 3D model -:***

- **\*Size and Scale\*:** The model should be of a reasonable size, not too large or too small.
- **\*Accuracy and Detail\*:** The model should be accurate and detailed, reflecting the topic or theme you have chosen.
- **\*Visual Appeal\*:** The model should be visually appealing, using colors, textures, and other visual elements to enhance its impact.

### **POLITICAL SCIENCE**

**Make a working Model by depth research on any one of the following topics**

1. Working of the Indian constitution – Will be Done by **Ronak**
2. Veil of ignorance – John Rawls – will be done by **Shrishti dutta**
3. Human rights act and it's gratification in india – will be done by **Aanya Sahni**

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### **GEOGRAPHY**

**Make a working Model by depth research on any one of the following topics**

1. Hydel power – will be done by **Ridhi**
2. Solar power plant – Will be Done by **Rakshit**
3. Windmill project – **Raghav Sharma**
4. Solar Eclipse – **Samairah**

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## **Project Work**

### **Accountancy**

Financial Statement

### **Business Studies**

International business

### **Economics**

Data collection





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## **Project Work**

### **Holiday Home work [ Working model as per students]**

1. Aryan Sharma - Prepare charts of All formulas of Limits and Derivatives, Trigonometry, Permutations and Combinations, Sets, Statistics, Sequence and Series
2. Arju -Write all above formulas in Notebook also.
3. Yaman- Write all notes (Questions + Solutions) of Chapters Trigonometry, Limits and Derivatives, Sets, Permutations and Combinations same as prepared in Class (Ncert Level+ IIT Level)
4. Tejaswini - digestive system
5. Vanshika Taneja- respiratory system
6. Zainab Parveen- plant cell
7. Garvit- Prepare charts of All formulas of Limits and Derivatives, Trigonometry, Permutations and Combinations, Sets, Statistics, Sequence and Series
8. Laksay Rana- electrochemical cell
9. Naman Bareja- hydrated salt
10. Divyanshi - animal cell
11. Bharat - cell organelles
12. Arpit- Prepare charts of All formulas of Limits and Derivatives, Trigonometry, Permutations and Combinations, Sets, Statistics, Sequence and Series
13. Tanish- Prepare charts of All formulas of Limits and Derivatives, Trigonometry, Permutations and Combinations, Sets, Statistics, Sequence and Series
14. Kanishka - model of soap molecule
15. Jatin- human excretory system
16. Arjun- model of water purifier
17. Khwaish- human brain
18. Vaishnavi- reflex action
19. Daksh Tanwar - refrigeration cycle
20. Swatantra - heat transfer
21. Sandeep - simple harmonic motion
22. Anjali Kumari - fraction force demonstration
23. Aryan Naik- standing wave
24. Nishant Kumar - model of resonance column
25. Mohd Hassan - model of biogas
26. Kush - model to explain the chemical reaction
27. Suraj - human excretory system
28. Liva Naz - animal cell



