

**DWARKA INTERNATIONAL SCHOOL**  
**SUMMER HOLIDAY HOMEWORK**  
**CLASS IV (SESSION: 2024-25)**

**MY NATION MY PRIDE**



Dear students,

Studies are important for us to gain knowledge and sports are important to keep active, healthy and learn various personality traits . With this thought in mind, this year we teachers have designed your holiday homework to keep you actively and fruitfully engaged during summer break. We have selected 'MY NATION MY PRIDE' as a theme of your holiday homework. India, as we know, is a land of diverse cultures and beautiful natural landscapes. Here culture and tourism are blended magnificently to showcase the rich Indian cultural traditions and heritage to attract the visitors interested in historical monuments and tales associated with them along with their keen interest in knowing about the traditional , ethical, cultural backdrop of our country.

And children, the summer holidays are the best time for you to pack and unpack your bags, enjoy rides or board flights and be a globe trotter. It's time to enliven your spirit of adventure and give vent to your imagination and virtualize your creativity indoors as well as outdoors.

NOTE: All work should be done exclusively by students. Parents may guide their wards , but let the child take the lead and complete the work on his/her own. Holiday Homework will be a part of internal assessment. Original work of students will receive greater recognition and appreciation.

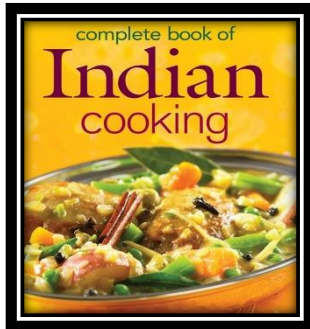
It's time to learn and enjoy. So, spend these holidays creating a stimulating environment filled with fun, frolic and learning.

Stay healthy, stay happy 😊



## ENGLISH

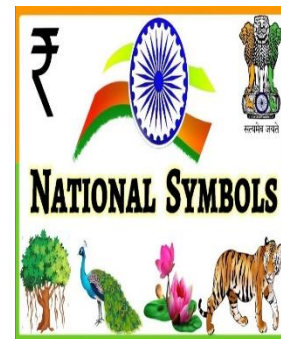
### Cultural Cuisine Cookbook:



India is known as the land of spices from black pepper to turmeric, Indian spices are renowned for their unique flavor, aroma, and health benefits. Explore the diverse culinary traditions of your country and create a mini cookbook featuring traditional recipes. You can include pictures, ingredients, and instructions for preparing each dish, along with a brief explanation of its cultural significance.

### National Symbol Story:

Choose a national symbol (e.g., flag, emblem, animal) and write a short story starring that symbol as the main character. Create an adventure that highlights its significance and importance to your nation. Use colourful A4 sheets for the same.



### Future Vision Essay:



Envision what your country might look like in the future and write an essay on colourful A4 sheets describing your hopes and dreams for its development. Include ideas for innovations, advancements, and positive changes that could make your nation even prouder.

- **Read Lesson 2: Philip Loses Everything in the Golden Leaves workbook and Do Q1 and Q3 in the book itself. Also, refer page no 16 and complete 'Learn Words' exercise.**

## SOCIAL SCIENCE

**Project 1- Complete the table.**

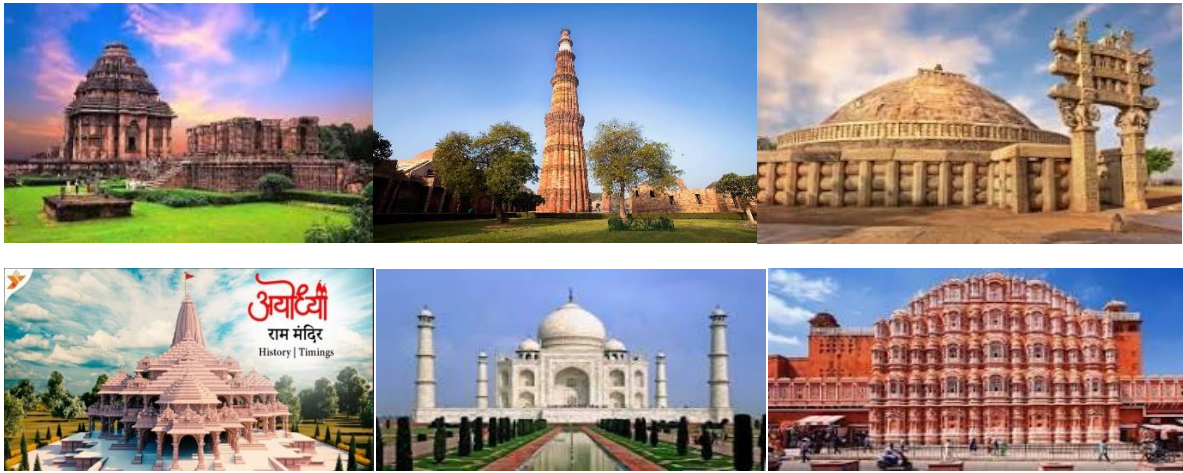
Nick Name	Name the Indian City/State	Name the International City/Country
City of Dreams	Mumbai	Vienna
City of Seven Hills		
Land of Rising Sun		
Land of Sunset		
Land of Rivers		
Land of Lakes		
Sugar bowl		
Wheat bowl		
City of Pulses		
Land of Smiles		

The learners will research on any one of the above Indian State/City. They will make an album and locate the city/ state on the map of India and will describe the capital, language, cuisine, traditional attire, festival, tourist places and folk dances etc. of the same. **The presentation must be descriptive and supported by relevant pictures. Paste this table and do this work in scrap book.**

**OR**

**Project 1-** There are several stunning historical monuments in India across the length and breadth of the country. Given below are some famous architectures of India.

- a. Ram mandir (Ayodhya)
- b. Taj Mahal (Agra)
- c. Hawa Mahal (Jaipur)
- d. Konark Sun Temple (Odisha)
- e. Qutab Minar (Delhi)
- f. Ajanta and Ellora Caves (Maharashtra)
- g. Sanchi Stupa (Madhya Pradesh)

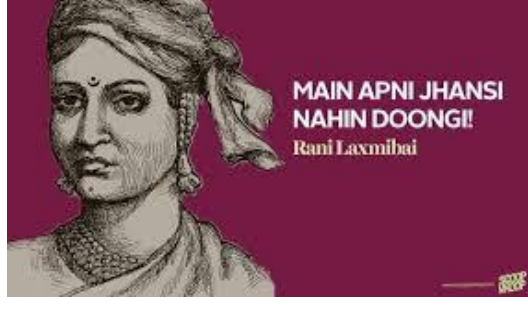
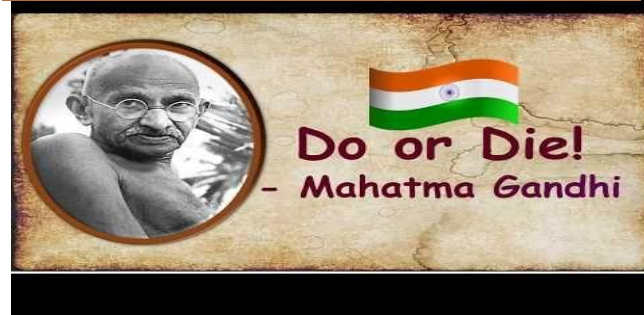
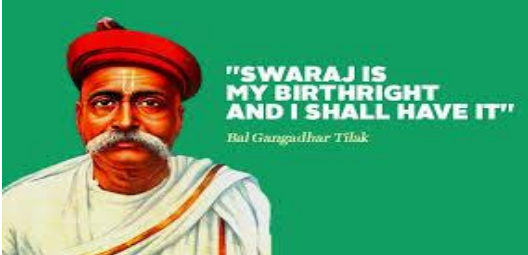


Select any one of them, make a 3 D model and write a detailed description in an A4 sheet explaining :

- a) the year in which it was built and who got it built
- b) significance of the monument and how much time it took to built

**Project 3:** The Constitution of India grants freedom of speech and expression as a fundamental right but this cherished life wouldn't be possible without the struggle led by India's freedom fighters. The fight against colonial rule in India tells us the story of valor, bravery, satyagraha, dedication and sacrifice. Imagine yourself as a freedom fighter and write a catchy slogan on freedom in your own words. **(Do this work in ¼ chart paper)**

Examples of few slogans by our freedom fighters.



# HINDI

प्रश्न 1) हिंदुस्तान को सारे जग से अच्छा क्यों कहा गया ? इस पंक्ति की सार्थकता अपने शब्दों में लिखिए। अपने विचार लिखिए।

(40 से 50 शब्दों में) A-4 शीट पर कीजिए।



## प्रोजेक्ट वर्क

प्रश्न 1) भारत में मनाए जाने वाले त्योहारों और नृत्यों का उल्लेख चित्र सहित कीजिए तथा संबंधित राज्यों के नाम लिखिए। (A-3 शीट पर कीजिए।)



## MATHEMATICS

- Hockey is the national sport of India. India's men's hockey team is the most successful team ever in the Olympics, having won a total of eight gold medals, one silver medal and three bronze medals.



Find in which years India's men's hockey team won these medals. Then, Write these years in words using Indian place value numeration.

Write these years in roman number.

Here is the name of greatest hockey players of all time:

Dhyan Chand

Balbir Singh Sr.

Dhanraj Pillay

Mohammad Shahid

Rani Rampal

Ritu Rani

Write their year of birth and find what will be their age in year 2025.

*Use a scrap file for the project.*

- India has 28 states, Write the area of any 10 states.



Write the smallest and largest states according to the area.

Arrange the area of these 10 states in ascending and descending order.

Write the difference between largest and smallest states of India according to their areas

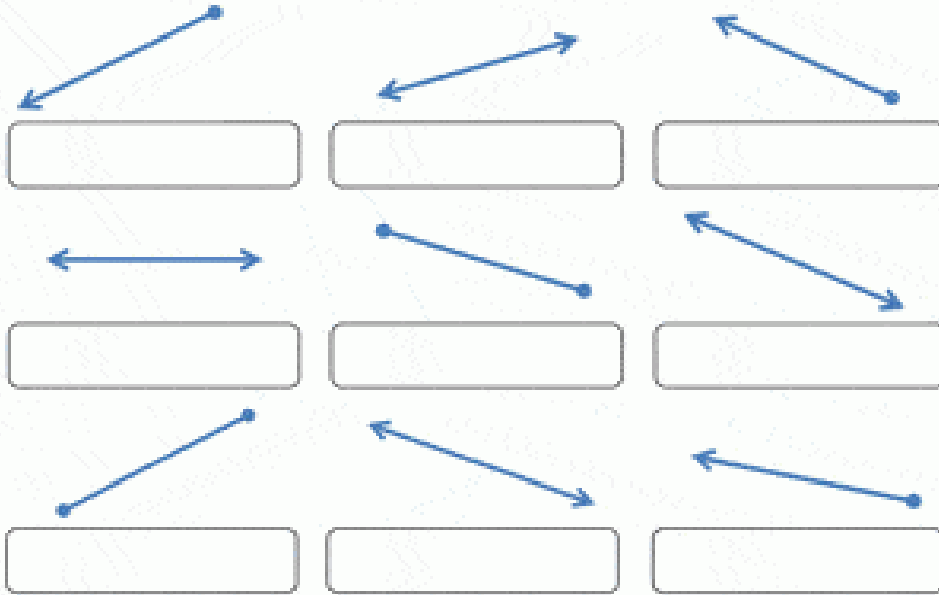
Write the sum of 3 largest states according to their areas.

*Use a scrap file for the project.*

**WORKSHEET**

**(Do this worksheet in practice notebook.)**

Q1) Classify the following as line, line segment and ray.



Q2) Find the number which is 2657 less than 5555

Q3) Observe the circles carefully and name their parts.

Centre = O  
 Chord = RS  
 Radius = OB

a) Chord = \_\_\_\_\_  
 Diameter = \_\_\_\_\_  
 Radii = \_\_\_\_\_, \_\_\_\_\_

b) Chords = \_\_\_\_\_,  
 \_\_\_\_\_  
 Centre = \_\_\_\_\_

c) Radii = \_\_\_\_\_,  
 \_\_\_\_\_,  
 \_\_\_\_\_

d) Diameter = \_\_\_\_\_  
 Chords = \_\_\_\_\_,  
 \_\_\_\_\_

e) Centre = \_\_\_\_\_  
 Chord = \_\_\_\_\_  
 Radius = \_\_\_\_\_

f) Diameter = \_\_\_\_\_  
 Chords = \_\_\_\_\_,  
 \_\_\_\_\_  
 Radii = \_\_\_\_\_,  
 \_\_\_\_\_

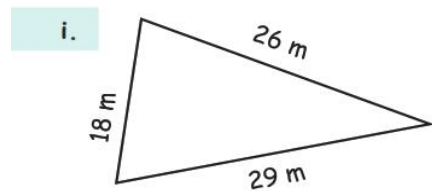
g) Centre = \_\_\_\_\_  
 Chord = \_\_\_\_\_  
 Radius = \_\_\_\_\_

Q4) Find the difference between largest 4-digit number and smallest 3-digit number.

Q5) Fill in the blanks:

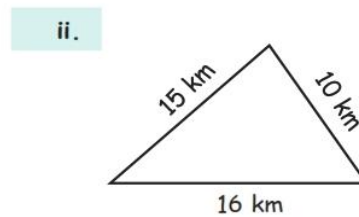
- Fill missing number using subtraction property,  $422042 - 0 = \underline{\hspace{2cm}}$
- Round off the number to the nearest ten thousand,  $18,764 = \underline{\hspace{2cm}}$
- Round off the number to the nearest ten thousand,  $16,402 = \underline{\hspace{2cm}}$
- Round off the number to the nearest thousand,  $3,344 = \underline{\hspace{2cm}}$
- Round off the number to the nearest thousand,  $1,502 = \underline{\hspace{2cm}}$

Q6) Find the perimeter of the following figures.



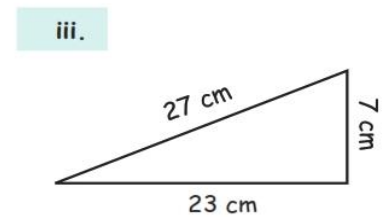
Perimeter:

\_\_\_\_\_



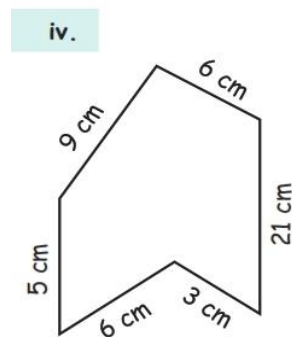
Perimeter:

\_\_\_\_\_



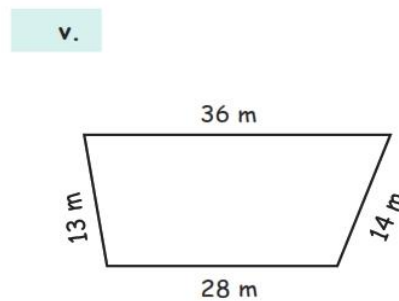
Perimeter:

\_\_\_\_\_



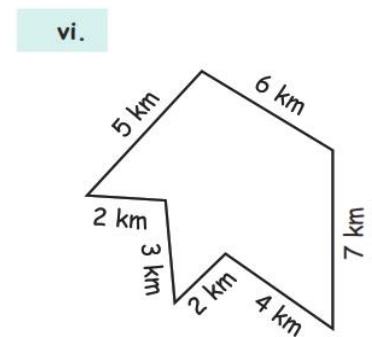
Perimeter:

\_\_\_\_\_



Perimeter:

\_\_\_\_\_



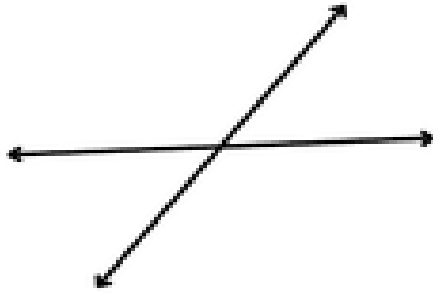
Perimeter:

\_\_\_\_\_

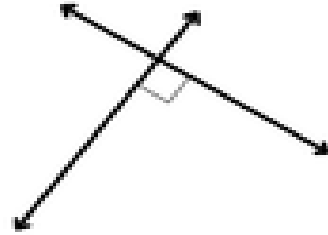


Q7) There were 5,00,000 mango trees in a garden. Out of them 3,05,432 are cut down. How many mango trees are there in the garden now?

Q8) Identify lines as "Parallel", "perpendicular" or "Intersecting"



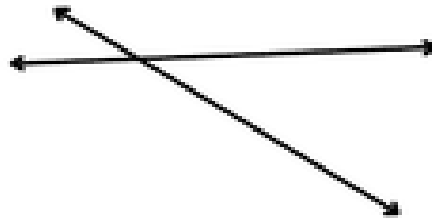
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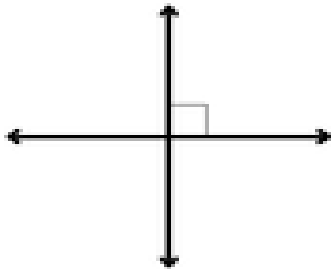
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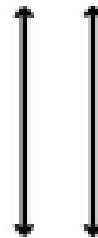
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Q9) Solve the following questions

- $45298 + 55644 - 23880$
- $98964 - 32586 + 19837$

Q10) Denver is musically talented, and he is earning money from his music.

The latest album of a famous acoustic band sold 243 copies last week and another 482 copies this week. If there were 965 copies released, how many copies of the album remain to be sold?

# SCIENCE

India, recognised globally for its scientific rigour and potential, has been contributing to the fields of science and technology since ancient times.

In the past seven decades, India has built satellites and sent probes to the moon and mars.



India's third lunar mission, Chandrayaan – 3 made history on August 23, 2023, by successfully achieving a soft landing on the south pole of the moon.

After the successful landing of Chandrayaan 3 on the lunar surface, India has created a moment that the world is going to remember for ages.

- ❖ Gather more knowledge about this mission and make a report about the same along with pasting pictures. (Do it on A3 sized sheet)
- ❖ Compose answers to these given questions on the basis of knowledge gained. (Do it on A4 sized sheet)

**1. What is the name of the lander of Chandrayaan 3?**

**2. Which space agency in the world has launched Chandrayaan 3?**

**3. At what time and date did Chandrayaan 3 land on the moon's surface?**

**4. How many days did Chandrayaan 3 take to reach the moon's surface?**

**5. What is the name of the rover of Chandrayaan 3?**

- ❖ Use your creativity and easily available materials to build a 3-D model of the Chandrayaan 3 rocket

(Make sure that it is not fragile so that it can be showcased for a long period of time.)

## COMPUTER SCIENCE

# Design a poster using Paint 3D on the topic "SAVE ENVIRONMENT". Insert Graphics, clipart, auto shape. Get a coloured printout after Summer Break.

# Do the following worksheet in computer notebook or take printout & paste in computer note.

### REVISION SHEET

#### Fill in the blanks

1. The \_\_\_\_\_ determines how much amount of data and instructions can be stored in the computer either temporarily or permanently.
2. A computer understand only two states- \_\_\_\_\_ represented by 1 and \_\_\_\_\_ represented by 0.
3. \_\_\_\_\_ is the smallest unit to measure a memory.
4. 1 Giga Byte (1 GB)= \_\_\_\_\_ Mega Byte(MB).
5. \_\_\_\_\_ is the largest unit to measure the memory.
6. A computer has two types of memory \_\_\_\_\_ and \_\_\_\_\_.
7. \_\_\_\_\_ stores information temporarily and works like a blackboard that can be constantly overwritten with new data.
8. \_\_\_\_\_ contains all the start up instructions that tells computer what to do , when it is switched on.
9. \_\_\_\_\_ memory is used to store the information for long period of time.
10. \_\_\_\_\_ is the main secondary storage devices for computers and fixed inside the CPU box.
11. A CD can be measure \_\_\_\_\_ in diameter.
12. A hard disk can store up to \_\_\_\_\_ TB of data.
13. A Blu-Ray Disk can store up to \_\_\_\_\_ of data on dual side.
14. Blu-Ray disc has derived its name from \_\_\_\_\_.
15. A multimedia memory card can store data up to \_\_\_\_\_ of data.
16. \_\_\_\_\_ drive is popularly known as pen drive.
17. \_\_\_\_\_ device is used to store data on portable devices like mobile phone.
18. 1 Byte is equal to \_\_\_\_\_.
19. \_\_\_\_\_ is used for transferring data from one computer to another.
20. A DVD can store \_\_\_\_\_ of data.
21. Write the full form of following :
  1. RAM:- \_\_\_\_\_
  2. ROM:- \_\_\_\_\_
  3. CD:- \_\_\_\_\_
  4. USB:- \_\_\_\_\_
  5. DVD:- \_\_\_\_\_

Take the printout and paste it or complete the worksheet in your notebook.

## Art & Craft

Make a jewellery box using any of the material like newspaper, ice cream sticks, CD, old box and bangles.



## UT-2 SYLLABUS OF CLASS IV

### ENGLISH

SECTION A READING: Unseen Passage

### SECTION B WRITING AND GRAMMAR

Writing: Paragraph Writing

### Grammar

Chapter 7- Articles

Chapter 3- Subject Verb Agreement

### SECTION C LITERATURE

Lesson 3: Philip Loses Everything

Poem 4: Foreign Lands

### MATHS

Chapter 3 : Subtraction

Chapter 12 : Geometry

### HINDI

पाठ्यपुस्तक पाठ-3 सर्वश्रेष्ठ बल

पाठ-4 न्यूटन

व्याकरण पाठ-2 वर्ण विचार

पर्यायवाची शब्द (1-10)

अपठित गद्यांश, अनुच्छेद लेखन

### SCIENCE

Chapter 3- Materials from the Earth

Chapter 4- Soil

### SOCIAL SCIENCE

Chapter 3

**The Northern Mountains**

Chapter 4

**The Northern Plains**