



DELHI
PUBLIC
SCHOOL
Kolar Road

SUMMER *Holidays*



HOMESCHOOLWORK

CLASS-IV



PREFACE

Dear Parents and Students,

It is summer vacation time again, a time to relax as well as to remain fruitfully occupied in various scholastic and co-scholastic areas. Keeping this in mind, we have designed interesting Projects / Assignments to be completed during the summer vacation. This would encourage in-depth learning, strengthen concepts and prepare ground for improved academic output.

The Holiday Home Work Projects are 'Art Integrated' as per the CBSE Guidelines. This art-integrated approach will help our students understand the diverse Indian art and culture and they will imbibe the Indian ethos through integration of Indian art and culture.

The states which are integrated by CBSE are **Madhya Pradesh and Bihar.**

These projects will be assessed as Subject Enrichment Activity for Term I.

As parents, kindly motivate and lend support to your children and ensure that they complete the given work well-in-time and to the best of their ability. Your encouragement can actually make a huge difference to the ultimate learning outcome of these projects.

Guidelines for Holiday Home Work: -

- All projects / Homework to be done as specified.
- Work to be done neatly, creatively and relevant to the question given.
- Parental supervision is advised and required while surfing the internet.



**Principal
DPS Kolar Road**

ENGLISH

ACTIVITY 1

THEME STATE: BIHAR

Bihar is a state in eastern India. Its capital is **Patna**. The river Ganga flows through Bihar. It is famous for its rich history and culture. **Bodh Gaya** is an important place where Gautama Buddha got enlightenment. Bihar is also known for its literature. Great writers **like Ramdhari Singh Dinkar and Phanishwar Nath Renu** were from Bihar. The ancient university, the **Nalanda University**, established in 427 CE by Emperor Kumaragupta I, is also located here. It was a world-renowned centre of higher learning and is a UNESCO World Heritage Site. **Litti Chokha, Sattu Paratha**, spicy **Champan Mutton**, snacks like **Dhuska**, and traditional sweets such as **Thekua, Khaja**, and **Tilkut** are some famous food items of Bihar. ***Collect pictures related to the highlighted words (Proper Nouns) and make a well-labelled, colourful and neat collage on a chart paper. Title it as “Discover Bihar”.**

ACTIVITY 2

An idiom is a phrase whose meaning cannot be interpreted literally. The group of words together has a completely different meaning than the individual words. Let's have a look at a few 'IDIOMS', their meaning and application.

- 1) Piece of cake- **very easy**
- 2) It's raining cats and dogs out there! - **raining very heavily**
- 3) Let the cat out of the bag - **tell a secret**
- 4) Have a blast - **to have a good time or to enjoy oneself**

Now, can you use these idioms to complete the following incomplete sentences with the help of picture clues? Write them in your handwriting notebook.

1) I had prepared well for the exam, the exam was a

2) I am soaking wet,

3) The party was fun, did you

4) Reena told me mom had planned a surprise birthday party, s



ACTIVITY 3 : “Word Hunt”

Instructions: Read any English newspaper and find:

- a) 5 naming words (nouns)
- b) 3 action words (verbs)
- c) 3 describing words (adjectives)

Write them in the handwriting notebook.

ACTIVITY 4

Read Chapters 1 to 5 of the Supplementary Reader, “The Wonderful Wizard of Oz”. Maintain a thin single- line notebook for regular cursive handwriting practice, and neatly write one page daily from the supplementary reader in it.

HINDI

'दो राज्यों की संस्कृति का मिलन'
बिहार-मध्य प्रदेश का प्यारा संगम,
दिखाता एकता का सुंदर -सा रंगमंच।
परंपराएँ, खान-पान और रीति-रिवाज,
बताते संस्कृति का अनमोल अंदाज़।
विविधता में एकता का यही है मान,
भारत की पहचान, हमारा अभिमान।

बिहार और मध्य प्रदेश की विशेषताएँ दिखाते हुए “भारत की विविधता में एकता” विषय पर एक सुंदर पोस्टर (A4 Size) बनाइए और सुंदर लेखन शैली में निम्नलिखित मुख्य बिंदुओं के आधार पर दोनों राज्यों के बारे में जानकारी लिखिए-

1. परिचय - राज्य का नाम ,राजधानी
2. दो प्रमुख नदियाँ
3. दो प्रसिद्ध ऐतिहासिक स्थल
4. दो प्रसिद्ध त्योहार
5. दो लोक नृत्य
6. दो प्रसिद्ध व्यंजन
7. दो प्रसिद्ध तीर्थ स्थल
8. दो प्रसिद्ध हिंदी साहित्यकार

SANSKRIT

(1) नीचे दिए गए कवियों के नामों का वर्ण-विच्छेद

कीजिए और कवियों के चित्र चिपकाइए ।

- विद्यापति
- मंडन मिश्र
- महाकवि कालिदास
- भवभूति
- बाणभट्ट
- महाकवि माघ
- राजशेखर
- श्रीहर्ष
- विशाखदत्त
- भारवि

नोट - यह गृहकार्य स्कैप बुक (Scrapbook) में करें ।

FRENCH

1. Make a creative file based on the concepts learnt in lesson 1 "La France". Describe the following in one or two lines with pictures/drawing -
 - a. The map of France
 - b. The flag of France
 - c. Les monuments (The monuments of France - any four)
 - d. Le fromage (cheese - any two)
 - e. Le vin (wine - any two)
 - f. Le pain (bread - any two)
 - g. Le parfum (perfume - any two)
 - h. La mode (fashion - any four brands)
2. Make flash cards using the words beginning with each alphabet in french. (Refer Lesson 2 for help)
Roll no. 1 to 6 - Will make flash cards beginning with letters A to E.
Roll no. 7 to 12 - Will make flash cards beginning with letters F to J.
Roll no. 13 to 18 - Will make flash cards beginning with letters K to O.
Roll no. 19 to 24 - Will make flash cards beginning with letters P to T
Roll no. 25 to 31 - Will make flash cards beginning with letters U to Z.

SCIENCE

JOURNEY OF FIBRE TO FABRIC

"What we wear not only shows our style but also affects our planet. Choosing sustainable fibers is a small step towards a greener Earth."

Sustainable silk Fibre is a natural and eco-friendly fiber obtained from silkworm that protects the environment.

Bihar is famous for Tusser Silk and Madhya Pradesh is famous for Maheshwari and Chanderi Silk. Prepare a report on study of sustainable silk Fibre of Bihar/ Madhya Pradesh under following headings:

- * Traditional method of producing famous silk of the given state.(Bihar/MP)
- * Challenges faced while production.
- * A list of eco-friendly features of silk.
- * Paste pictures depicting the process of Fibre formation.

NOTE:

Roll number 1 to 15 will make report on Bihar and roll.no. 16 onwards will make on Madhya Pradesh.

Holiday homework should be done in a scrapbook.

•Word limit: 75-100 words



SOCIAL SCIENCE

Chapter 9: Our Natural Resources - Read the chapter to know the importance of Natural Resources.

Exploring Natural Resources- (HOLIDAY HW TO BE DONE IN SCRAP BOOK)

PART A - Do a research, draw this table in your scrap book and fill the details. Make it colourful and presentable-

S. No.	Resource Type	Madhya Pradesh (MP)	Bihar
1	Trees and plants found in these states		
2	Wildlife (Animals) Names of Wildlife Sanctuaries or National Parks And animals found here		
3	Name of important rivers		
4	Solar/Wind How is it used here		

PART B - Holiday Homework Activity: Design a creative and attractive poster on the topic 'Conservation of Natural Resources.'

❖ **Roll No- 1-15 Topic Bihar:** *"Keep the Ganga Clean!"*

❖ **Roll No 16- last roll number Topic Madhya Pradesh:** *"Protect Our Forests and Tigers!"*

Tasks and Materials Required:

- The poster should be made in your scrap book.
- It should include slogans, picture cuttings, or any 3D materials.
- Use drawings and colors to make it attractive and meaningful. Cut-outs from old magazines or printed images (with parents' guidance) can be used to make the project attractive.

Any waste 3D materials like used match sticks, sand, small stones etc.

COMPUTER SCIENCE

Make a word document on the topic “Major Celebrations of Bihar and Madhya Pradesh”. Insert 5 pictures of each state and type 3-5 lines. Make the document attractive by using WordArt, Shapes, page border, Font color. Take print out and paste it in your scrapbook.

MATHEMATICS

“Mathematics is the language with which God has written the universe.”

Roll Numbers 1 to 15

Roman numerals are a numeral system that originated in ancient Rome and remained the usual way of writing numbers throughout Europe well into the Late Middle Ages.

To explore the ancient Roman number system, understand its additive and subtractive properties, create a **Model** representing numbers from 1 to 100.

Reference Link : <https://youtu.be/HjmtwwLlvqI?si=pss9RF2sVnQN38Xd>

Roll Numbers 16 onwards

In math, every digit in a number has a place value. Place value can be defined as the value represented by a digit in a number on the basis of its position in the number.

To explore place value system, expanded form and standard form of numbers prepare a **working model** of place value system.

Reference Link : <https://www.youtube.com/watch?v=AU-q24rLjgk>

Working Model date of submission : 23rd June 2026

Instructions:

Students are required to complete the holiday homework worksheet neatly on A4 ruled sheets and submit it in a transparent file folder by 22nd June 2026.

MATHEMATICS WORKSHEET

Q1) Fill in the blanks:

- The place value of 3 in 2,43,890 is _____.
- The successor of largest 5-digit number is _____
- $549340 = 5 \times \text{_____} + \text{___} \times 10000 + 9 \times 1000 + 3 \times \text{_____} + 4 \times 10$.
- CLV in Hindu- Arabic numerals is _____
- Roman numerals _____, _____, _____ can never be repeated.
- The answer we get after addition is called _____
- $4,56,798 + \text{_____} = 4,56,799$
- $24670 - \text{_____} = 24669$

Q2) Assertion and Reasoning

- Assertion (A): The smallest number formed by 8,0,2,6,4 is 20,468
Reason (R): While forming the smallest number, the digit '0' cannot take the first place from left.
 - Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is not the correct explanation of A
 - A is true but R is false
 - A is false but R is true
- Assertion (A): $45678 - 45678 = 45678$
Reason (R): When a number is subtracted from itself, the difference is zero.
 - Both A and R are true and R is the correct explanation of A
 - Both A and R are true but R is not the correct explanation of A
 - A is true but R is false
 - A is false but R is true

Q3) Read the following word problems carefully and solve.

- Find the product of the place value of 5 and 3 in 4,52,837
- Find the difference between place and face value of 3 in 64381.
- Monica saved ₹3,46,009 in 2024 and ₹4,82,385 in 2025. How much did she save in two years?
- A factory produced 34,657 dresses in 2023 and 56,983 dresses in 2024. Find its increase in production.
- A shopkeeper sold 4567 items on Monday, 3267 items on Tuesday and 6297 items on Wednesday. What was his total sale in three days?
- The prize money of ₹7925 was distributed equally among 5 children. Find the amount each child received.
- 1190 spoons were being packed into boxes. Each box had the capacity of 14 spoons. How many boxes were needed?
- 98,765 chocolates were packed in 9 boxes. How many chocolates were packed in each box and also find the number of chocolates left?

Q4) **Spot Error and correct it. One is done for you.**

a) **Question :**

$$\begin{array}{r} \text{TH} \quad \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 5 \quad 6 \quad 7 \\ + 7 \quad 3 \quad 2 \\ \hline 11 \quad 8 \quad 8 \quad 7 \end{array}$$

Ans) Error : Place values not aligned .

Correction :

$$\begin{array}{r} \text{TH} \quad \text{H} \quad \text{T} \quad \text{O} \\ 4 \quad 5 \quad 6 \quad 7 \\ + \quad 7 \quad 3 \quad 2 \\ \hline 5 \quad 2 \quad 9 \quad 9 \end{array}$$

b)

$$\begin{array}{r} 3 \quad 7 \quad 5 \\ 3 \overline{) 9 \quad 2 \quad 2 \quad 5} \\ \underline{- 9} \\ 0 \quad 2 \quad 2 \\ \underline{- 2 \quad 1} \\ 1 \quad 5 \\ \underline{- 1 \quad 5} \\ 0 \quad 0 \end{array}$$

CASE STUDY QUESTION

Q5) India has many states with a significant tiger population. Look at the tiger's population in the given 8 states and answer the following questions:

Karnataka	524
Kerala	190
Madhya Pradesh	526
Maharashtra	312
Tamil Nadu	264
Uttarakhand	442
Uttar Pradesh	173
West Bengal	13

- Which state has highest population of tigers?
- How many total tigers are there in Madhya Pradesh, Karnataka and Uttarakhand?
- What is the difference in the population of tigers in Karnataka and Uttar Pradesh?

