



JAGRAN SOCIAL  
WELFARE SOCIETY

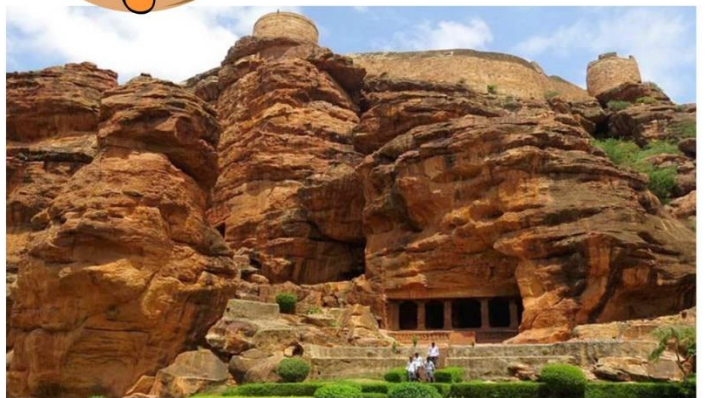
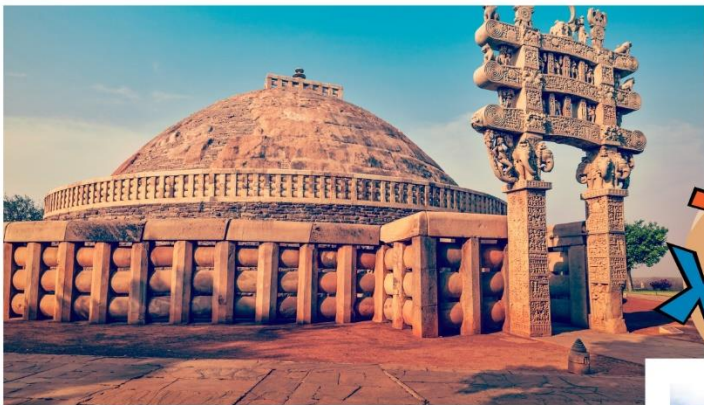
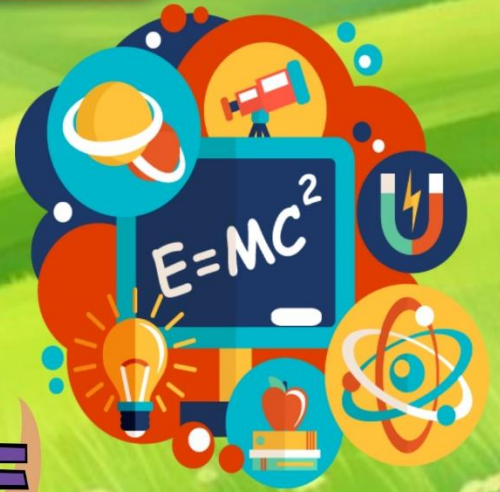


Delhi Public School  
Kolar Road Bhopal

# SUMMER HOLIDAY

HOMework

CLASS-IX



*Laying the foundation of excellence*





**Delhi Public School**  
Kolar Road Bhopal

**PREFACE**

***Dear Parents and Students,***

*'Learning is a lifelong process, and summer holidays are an excellent chance to explore new ideas, reinforce existing knowledge to develop essential skills. The Summer Holiday Homework is designed to make your summer break both fun and productive.*

*These projects will be assessed as Subject Enrichment Activity, Portfolio or Art Integrated Activity. These carry marks as per the weightage of Internal Assessment.*

*We encourage parents to motivate and support their wards to ensure the given work is completed in time, to the best of their ability. Your support and encouragement both have a huge impact on your child's learning ability.*

*The Holiday Home Work is to be done neatly with relevance to the questions asked and to be submitted to the subject teachers on before 20<sup>th</sup> June 2025. Homework submitted late will invite negative marking. It is important that deadlines are met.*

***Wishing you a fun filled, safe summer vacation.***

**PRINCIPAL  
DPS KOLAR ROAD**

## ENGLISH

What is a portfolio?

A portfolio is a purposeful collection of intentionally chosen student's work representing a selection of performances that is assembled over time and describes the learner's efforts, progress, growth and achievement in key areas learning outcomes. It is a tool for assessing a variety of skills not usually testable in a single setting of the traditional written paper and pencil tests.

A portfolio, on one hand helps to establish a common vision of goals and holistic picture of students learning, on the other, increases accountability and contributes to improved teaching and learning. They key elements of the particular criteria need to be specified as well.

### Criteria for making the portfolio:

- Organization – Neatness and Visual Appeal
- Creativity of work
- Evidences of student's learning and growth

### Integrated Project:

TOPIC -Bihar and Madhya Pradesh Exploring the Connect

1. Write a DESCRIPTIVE PARAGRAPH describing any one of the following famous Literary personalities of Madhya Pradesh and Bihar-
  - a. Kalidasa -Madhya Pradesh boasts a rich literary heritage with notable figures like the renowned Sanskrit Poet Kalidasa, also known as the “Shakespeare of India “-----  
-----
  - b. Bikhari Thakur, a playwright, lyricist and folk theatre artist known as the “Shakespeare of Bhojpuri” .....
2. Make a Power Point Presentation of 7 slides as follows:-  
TOPIC -Bihar and Madhya Pradesh Exploring the Connect
  - Slide 1-Name, Class/Sec, Logo, Topic
  - Slide 2 -Poets of Bihar and Madhya Pradesh with their famous works (2 each)
  - Slide 3-Authors of Bihar and Madhya Pradesh with their famous works (2 each)
  - Slide 4-Famous Universities of Bihar and Madhya Pradesh (2 each)
  - Slide 5-Wildlife Life Sanctuaries of Bihar and Madhya Pradesh (2 each)
  - Slide 6-Sports Personalities of Bihar and Madhya Pradesh (2 each)
  - Slide 7-Brief overview of states' rich history, cultural and natural heritage.

**Note: Write brief description about each.**

**Mail the PPT to your concerned English Teacher on or before 5<sup>th</sup> June, 2025. Printout of the PPT to be submitted in a strip folder on the re-opening day post Summer Vacation.**

- The work should be neat legible, with an emphasis on quality of content, accuracy of information, creative expression, proper sequencing and relevance as per the assigned topic.
  - Use coloured practical sheets.
3. Read the Comprehension Passages 1-3 from the Grammar Workbook (Lake city Publications) and answer the questions to the given passages.

## HINDI

किसी भी देश का इतिहास वहाँ के लोक प्रिय गीतों के द्वारा अभिव्यक्त होता है। ये \*लोकगीत\* गायन की विशिष्ट शैली के द्वारा बलिदान, प्यार, कर्तव्य और वीरता की कहानी सुनाते हैं। इस आधार पर मध्य प्रदेश अथवा बिहार के किन्हीं दो प्रसिद्ध लोकगीतों को लिखकर उसके निहित भाव को स्पष्ट करते हुए लोकगीतों का हिंदी अनुवाद कीजिए तथा उनसे प्राप्त शिक्षा को भी लिखिए। (A -4 साइज रंगीन शीट )

## SANSKRIT

बिहार में स्थित प्राचीन विश्वविद्यालय नालंदा की शिक्षा पद्धति पर आधारित जानकारी एकत्रित कीजिए एवं उस पर आधारित संस्कृत में 150 शब्दों में अनुच्छेद लेखन कीजिए।

## FRENCH

1. Écrivez le reportage sur le Festival de Cannes le meilleur prix du film, acteurs et actrices avec les images. (100 - 150 mots).
2. Réalisez une brochure touristique sur Bihar.

## MATHEMATICS

Click on the link for holiday home work

[https://drive.google.com/file/d/1cc3xGGr2WU4MiIlMhRktDbIQS9qf\\_9EO/view?usp=sharing](https://drive.google.com/file/d/1cc3xGGr2WU4MiIlMhRktDbIQS9qf_9EO/view?usp=sharing)

## PHYSICS

Prepare a working or non-working model based on any concept of physics that interests you. You can work individually or form a group of 3-4 students.



**Instructions:**

- Please submit your models on the designated submission date.
- Be prepared to explain your project to the class.
- Creativity and understanding of the concept will be assessed.
- Models should be neatly presented and labeled.
- Students are encouraged to use innovative and eco-friendly materials.

**Suggested Topics**

- Types of motion
- Mode to demonstrate different types forces, such as friction, gravity and magnetism.
- Newton's laws of motion
- Gravitation (Solar System)
- Universal law of gravitation
- Telescope
- Production and propagation of sound (slinky)

**Assessment Criteria:**

- Understanding of the concept
- Creativity and originality
- Presentation and labeling
- Teamwork and collaboration

If you have any questions or need guidance, please reach out to your physics teacher.

## **CHEMISTRY**

Write the experiments in practical file as instructed by the subject teacher.

## **BIOLOGY**

**Art integrated project**

Prepare a report on common water borne diseases, their causes and prevention strategies in Bihar and Madhya Pradesh. Paste pictures to support the report.

## SOCIAL SCIENCE

### (a) PHYSICAL FEATURES OF MADHYA PRADESH AND BIHAR

(For the students of class 9 A, B & C)

Students will prepare a Project on a scrap book with a pictorial depiction of a comparative study of the physical features of Bihar and Madhya Pradesh.

They need to cover the following topics:

- Map showing the location of Madhya Pradesh and Bihar and their neighbouring states.
- Physical features of the states.
- Famous tourist places and their importance.

### RIVERS OF MADHYA PRADESH AND BIHAR

(For the students of class 9 D AND E)

Students will prepare a Project on a scrap book with a pictorial depiction of the topic rivers of Madhya Pradesh and Bihar

They need to cover the following topics:

- Map Of Madhya Pradesh and Bihar showing two main rivers and their tributaries.
- Write the features of the rivers (origin, destination, delta/estuaries formed length.
- State the cultural significance and the challenges of the rivers.
- Steps taken by the government to conserve the rivers.

### (b) PROJECT: Art Integrated Project

As per the CBSE curriculum, students of Class IX have to submit a project on DISASTER MANAGEMENT. Every student has to compulsorily undertake any ONE project on the following topics from Disaster Management.

- Choose any man-made or natural disaster to which India is vulnerable to e.g, building collapse, terrorist attack, earthquakes, cyclones, landslides, floods etc.
- Prepare a detailed project under the following heads:
- Meaning of Disaster, Hazard, the difference between Hazard & Disaster, Disaster Management, and the various causes and mitigation measures of the disaster chosen by you.
- Your project should be supported by suitable photographs and paper cuttings of the affected area.
- Students need to prepare their project on A4-size paper, which should be handwritten.
- The project should consist of a maximum of 10 pages.

- (COVER PAGE: TITLE, TOPIC/ NAME OF THE STUDENT/ CLASS/SECTION/ SCHOLAR NUMBER) should be mentioned in the project.

## INFORMATION TECHNOLOGY

Prepare a Document using LibreOffice Writer on the topic 'Introduction to IT-ITeS industry' which should include information about "IT Applications". Document should consist all IT applications information in brief along with pictures associated with each application. Bring the print out of the same.

*Note:*

*The students must submit the certificate after completing Adobe Express online Summer Bootcamp which will be held from 5<sup>th</sup> May to 29<sup>th</sup> May as part of their Holiday HW. This certificate will be considered under their portfolio.*

## ARTIFICIAL INTELLIGENCE

1. Refer to the 17 SDG's and identify one real- life problem (based on any SDG) which you want to address using AI.
2. Draw the 4W's Canvas for the identified problem. (Refer CBSE AI Handbook)

**Note :**

*The students must submit the certificate after completing Adobe Express online Summer Bootcamp which will be held from 5<sup>th</sup> May to 29<sup>th</sup> May as part of their Holiday HW. This certificate will be considered under their portfolio.*

## INTRODUCTION TO TOURISM

Prepare a brochure of any one Wildlife Sanctuary or National Park of India. The brochure should have all the necessary information and suitable pictures. It should be very creative and attractive.



# PAINTING

Gond Art on Tote Bag

## Material Required

- Acrylic colour
- Brushes
- Tote Bage Size A4

## INTRODUCTION TO FINANCIAL MANAGEMENT

Prepare a budget for yourself if you are staying in a hostel and your father gives you Rs. 10,000 a month for all your expenses.

### Instructions:

1. Project should be neat and systematic presented.
2. Present in a tabular form.
3. Should be in a file folder, hand written supported by pictures / should have proper cover page mentioning your name/ subject/ topic etc.
4. Write introduction about what is budget and its importance.
5. List your basic expenditure and variable expenses.

