

# Summer Vacation

## HOLIDAY HOMEWORK

(Session: 2024-25)

**CLASS: IX**





CBSE Affiliation No.  
3430369

## **DELHI PUBLIC SCHOOL** **CHAS, BOKARO**

### **SUMMER VACATION ACTIVITIES AND ASSIGNMENTS** **(SESSION: 2024-25)**

#### **PREFACE**

**Dear Parents & Students,**

As we embark on the blissful journey of summer vacation, it is my pleasure to extend warm greetings to each one of you. The culmination of another academic year signifies not just a break from the routine, but an opportunity for growth, exploration, and rejuvenation.

Amid the leisure and relaxation that summer brings, we must continue to nurture our intellectual curiosity and passion for learning. To fulfil this, we have designed the projects and assignments-an initiative designed to foster creativity, critical thinking, and self-discovery during this period of respite.

These assignments are not merely a task to be completed, but a pathway to enrichment and personal development. These projects will be assessed as Subject Enrichment Activity & Portfolio.

We encourage parents to be available to assist their wards if they encounter any difficulties and provide them with the necessary resources. Your support and encouragement will have a positive impact on your child's learning ability.

The assignment is to be done neatly with relevance to the questions asked and to be submitted to the subject teachers within three days of the reopening of the school i.e. 12th June to 15th June. **Late submission will invite negative marking. Deadline must be followed.**

**Wishing you all a fulfilling and enriching summer vacation.**

Warm regards,

**Offg. Principal**

## GENERAL INSTRUCTIONS:

- In general, all the questions are to be answered in the subject specific classwork notebook.
- Projects and activities are to be done as per the instructions given along with the questions. **Use of Red/Green pen is strictly prohibited.**
- Summer Vacation assignment will be the part of Internal Assessment.
- The content must be original and not plagiarised.
- Only hand written projects will be accepted.

### English

“The world worries about disability more than disabled people do.” Taking an idea from Evelyn Glennie, a disabled instrumentalist.

Make a collage of the people with disabilities, who have done something extra-ordinary in their lives and also write few lines about them.

(You can go through the link for reference <https://wecapable.com/famous-disabled-persons-india/>)

### हिन्दी

1. अपने परिवेश में दिखने वाले किन्हीं पाँच पक्षियों पर परियोजना तैयार करें। उन पक्षियों के फोटो खींचकर/लगाकर उनके घोंसलों, खान-पान, स्वभाव, स्थान, रंग आदि का वर्णन भी करें।
2. 'दो बैलों की कथा' का नाट्य रूपांतरण कर गृहकार्य पुस्तिका में लिखें।  
**नोट**—सबसे अच्छे रूपांतरण का कक्षा में नाट्यमंचन किया जाएगा जो (Multiple Diverse) के अंतर्गत मूल्यांकित किया जाएगा।

### संस्कृतम्

1. माहेश्वरसूत्राण गृहित्वा (A4 Size sheet) लेखनं स्मरणं च कुरुत।
2. सन्धयः कति भेदाः? स्वरसन्धयः भेदाः (A4 Size sheet) माध्येन लखत।
3. “पञ्चतन्त्रम्” ग्रन्थं गृहित्वा लघुपुस्तिकानिर्माणं कुरुत।
4. श्रीमद्भागवद्गीतायाः अष्टादश-अध्यायस्य प्रथम- पञ्चदशश्लोकानां (A4 Size sheet) लेखनं स्मरणं च कुरुत।

### Maths

1. Draw and design square root spiral up to  $\sqrt{15}$  on coloured chart paper.
2. Represent  $\sqrt{17.3}$  on number line in A4 S. Write all the steps involved in it.

Use the Pencil for this purpose. Take 2cm as one unit. Number line Should be prepared clearly. Write the steps in a separate page and staple it.

### Science

## PHYSICS

Draw on colourful A4 size sheet

1. The distance – time graph
  2. Velocity – time graph of various types of motion of an object.
- Also, paste a picture related to each type of motion.

## **CHEMISTRY**

Investigate applications of plasma state of matter in daily life. Prepare a report in a project file mentioning following aspects– Aim, Index, Content, Observation, Bibliography.

## **BIOLOGY**

\* Prepare a project file on – Cell structure and function. Topic must contain.

1. Types of cell–prokaryotic and eukaryotic.
2. Plant cell and animal cell.
3. Cell organelles – structure and function.

Project file must contain following pages. Aim, Certificate, Acknowledgement, Content, Introduction, Coloured pictures and Bibliography.

## **Social Science**

## **HISTORY & SPL**

**Topic — An overall Analysis of Lok Sabha Election 2024.**

Different stages of Election.

Number of political parties taking part in election 2024.

Total number of voters–Gender Wise and caste wise.

Use of technology in election campaigning and voting systems and election campaigns

Total Expense in conducting the Lok Sabha Election 2024.

Result Analysis with data and graphics.

Use of symbols given by the election commission of India by political parties.

Conclusion with your opinion about One Nation One Election for both Lok Sabha and all assemblies of different states.

Prepare a Project file with all the relevant information with data and pictures. No use of stick files.

## **GEOGRAPHY**

Multiple Diverse Topic: Plate Tectonic and Evolution of Major Landforms on the Planet Earth.

\*Guidelines:

- It is an individual activity.
- Representation of this activity should be done by the preparation of 3D Model/Pictorial Chart of various Plate Movements as well as the Evolution of Major Landforms related to the types of Plate Movement by mentioning there in a brief description of each landform.

## **ECONOMICS**

1. Prepare a project on Modern-farming method elaborating how modern farming method has helped in increasing crop production and productivity. (For the students of **odd roll numbers** of IX A & IX B).
2. Prepare a project on sources of capital in rural areas, discuss the reasons why rural people are still dependent on informal sector. (For the students of **even roll numbers** of IX A & IX B).

### **Guidelines for making project:**

- i) Project should be prepared in a stick file.
- ii) Collect data, graphs and information using book and internet.
- iii) Use pictorial chart and bar graphs to present data related to topics.
- iv) Give some real-life examples and add some source based or case-based examples by undertaking research/survey.
- v) The project should be in sequence as
  1. Cover page-
  2. Acknowledgment-
  3. Certificate-
  4. Index-
  5. Introduction-
  6. Body of the project-
  7. Conclusion-
  8. Bibliography.

### **IT**

1. Create new styles in OO Writer or MS office with the following specifications and apply them in a document with the title 'A Visit to JAISALMER, THE GOLDEN CITY- RAJASTHAN'.

#### **Style Name: Golden City**

#### **Style specifications:**

- (a) Font Type - Times New Roman, Size - 14 pt, Regular
- (b) Font Effects: Font Color - Blue
- (c) Indents: 0.5 cm before text

#### **Style Name: My Header**

- (a) Font Type - Times New Roman, Size - 16 pt, Regular
- (b) Font Effects: Font Color - Yellow
- (c) Numbering: Numbering 1 style

