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**DAY PUBLIC SCHOOL SAMANA**  
**(SENIOR SECONDARY)**  
CBSE AFFILIATED-1630571



# SUMMER

# Holidays



# HOMEWORK

Session-2023-24

CLASS - IX





## CIRCULAR FOR SUMMER VACATION

**Respected Parents**

**Namaskar / Sat Shri Akal**

Happiness is blossoming in the year. Long awaited Summer holidays are again ready to welcome you with their warm showers! Life needs to be balanced between fun and work. Summer Vacation give a chance for students to relax, visit friends and family, travel to see places and basically chill out enjoying those little pleasure of life which are left behind during the busy school routine. During holidays, leisure replaces work as a priority.

The Summer Break is scheduled from 01-06-2023 to 02-07-2023 for classes Nursery to 12<sup>th</sup> and school will reopen on 03-07-2023 (Monday) So, 31<sup>st</sup> May, 2023 will be the last working day for classes Nursery to 12<sup>th</sup>.

Besides relaxing, the students should keep in mind the execution of the assigned work in well planned manner. To ensure that the children have a constructive and rejuvenating holidays, some Holidays Homework & Project are given which will keep them active and observant. These assignments can be easily done by the children under your guidance. These will indeed provide an enjoyable learning experience to them.

➤ The School Office will remain open on all working days between 9:00 a.m. to 2:00 p.m. during the Summer Vacations.

➤ Here are some productive tips for the students to spend their holidays in a healthy manner.

### **Do's**

- ❖ Wake up early and develop a morning routine. Do yoga, meditation or just a brisk walk.
- ❖ Start learning a new skill like painting, dance, music or public speaking.
- ❖ Play games, sports and do a lot of physical activity, but only during the morning and evening hours.
- ❖ Help your parents in household chores and learn some useful skills.
- ❖ Carry on with the practice of wishing to elders by joining hands & touching their feet.
- ❖ All family members must try to take at least two meals together daily.
- ❖ Converse with your children in English.
- ❖ Encourage your child to develop the reading habit.
- ❖ Ensure that the choice of books he/she reads is purposeful while being entertaining.

## Don'ts

- ❖ Do not waste all your time to playing video games, mobile games & surfing on social networking sites.
- ❖ Don't go out during the hours of peak sunshine. Try some interesting indoor activities.
- ❖ Don't have junk food.
- ❖ Don't oversleep and do not let laziness take you over. Stay active during the vacation.

Above mentioned guidelines will help your child to become a smart and an active learner.

### **HAPPY FATHER'S DAY**

**“Father is a great shield that protects us from every trouble and save us. So, say to your father that you are the one of the most powerful protector for me and my family.”**

Father's Day is a celebration honoring fathers and celebrating fatherhood, paternal bonds, and the influence of fathers in society. To strengthen this bond, Let's celebrate **“FATHER'S DAY”** which falls on **18<sup>th</sup> June, 2023 (3<sup>rd</sup> Sunday)** this year. Prepare the complete detail about your father on colourful sheet and attach with Holidays Homework.

**Wishing you and your ward a very fruitful vacation ahead!**

### **Class Coordinators Contact Details**

Sr. No.	Name	Designation	Class	Contact
1.	Ms. Shifali Bhandari	PRT	Nursery to 2 <sup>nd</sup>	7973838484
2.	Ms. Silki Yadav	PRT	3 <sup>rd</sup> to 7 <sup>th</sup>	9779666609
3.	Ms. Simranjit Kaur Mr. Ramphal Mehla	TGT	8 <sup>th</sup> to 12 <sup>th</sup>	9878895857 9876097728

**Note** : If you have any query related to any subject, you can contact to nominated HODs.

### **Details of HODs :-**

<b><u>Sr. No.</u></b>	<b><u>Subjects</u></b>	<b><u>Classes</u> 3<sup>rd</sup> to 6<sup>th</sup></b>	<b><u>Classes</u> 7<sup>th</sup> to 10<sup>th</sup></b>
1.	English	Mr. Raja Robin (9988131114)	Ms. Sheetal Mohini (9465027093)
2.	Hindi & Sanskrit	Mr. Ganesh Prashad Bhatt (9997754817)	Ms. Anuradha Verma (8872117288)
3.	Punjabi	Ms. Jaspreet Kaur (7986651600)	Ms. Rajwinder Kaur (9478383064)
4.	Mathematics	Ms. Rishu Ghai (9780907117)	Mr. Damanpreet Singh (8264211149)
5.	Science	Ms. Anamika (8699509869)	Mr. Vineet Jood (7206531910) Mr. Mayank Sharma (7307027516)
6.	Social Science	Ms. Seema Rani (9465741012)	Ms. Rajni Rani (9780422755) Mr. Bittu Singh (9803506921)
7.	Computer	Mr. Nardeep Singh (9888372702)	Mr. Nardeep Singh (9888372702)
8.	Music & Dance	Ms Bindu Bala (7707806379)	Ms Bindu Bala (7707806379)
9.	Naitik Shiksha	Mr. Charanjot Singh (9877717098)	Mr. Charanjot Singh (9877717098)
10.	Physical Education	Mr. Ramphal Mehla (9876097728)	Mr. Ramphal Mehla (9876097728)
11.	General Knowledge	Mr. Karan Soni (6239320003)	Mr. Karan Soni (6239320003)

**School Landline Contact No. s 01764-221815, 9878144815**

**E-Mail: [davsamana@gmail.com](mailto:davsamana@gmail.com), [davsamana@yahoo.com](mailto:davsamana@yahoo.com) Website: [www.davsamana.org](http://www.davsamana.org)**

**Principal Mohan Lal Sharma**



**Class:- 9<sup>th</sup>**

**( SESSION: 2023-24)**

**✚ ENGLISH**

**Reading Task** : Lesson- 3 Iswaran the Story Teller (Moments)

- ❖ After reading the chapter, the students will write a scary story:- Give suitable title to your story and write a well- woven story on Assignment Sheet

**Learning work for Periodic Test -1**

**Beehive Book :-** Lesson -2 The Sound of Music ( Parts -1 and 2)

Poem-1 The Road Not Taken

**Moments Book :-** Lesson -1 The Lost Child

**Grammar :-** Tenses

**Written Work** : **Words and Expressions (Workbook):-** Do the following given work with pencil in Workbook.

**Unit-4** Text-1,2,3 Vocabulary-1 Grammar-1,2

**Project work :-** Comparative study of famous Folk Musicians of Punjab and Odisha  
(Ek Bharat Shreshth Bharat Activity) At least 3-3 pictures.

**Guidelines for Project Work:-**

- Prepare Bio-data page beautifully.
- Use A4 sheets for Project.
- It should be informative and well designed.
- Paste pictures of folk musicians and write information about them including their life, career and achievements

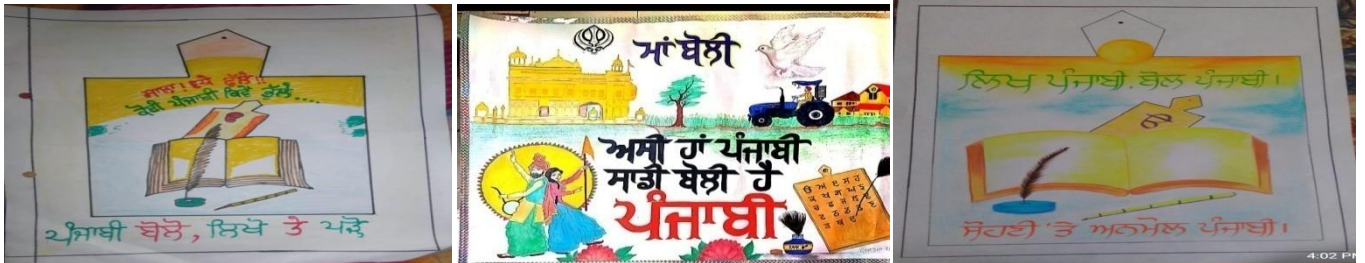
## ❖ ਵਿਸ਼ਾ:- ਪੰਜਾਬੀ

- ਹੇਠਾਂ ਦਿੱਤੇ ਗਏ ਸਿਲੇਬਸ ਦੀ **ਨਿਯਤਕਾਲਕ ਪਰੀਖਿਆ-1** ਲਈ ਜਾਵੇਗੀ।

### ✚ ਯਾਦ ਕਰਨ ਲਈ ਕੰਮ

- ✓ ਵੰਨਗੀ ਪਾਠ-ਪੁਸਤਕ ਪਾਠ-1 ਜਨਮ ਦਿਨ (ਕਹਾਣੀ)
- ✓ ਸਾਹਿਤ ਮਾਲਾ ਪਾਠ-ਪੁਸਤਕ ਪਾਠ-1 ਸਮਾਂ (ਕਵਿਤਾ)  
ਪਾਠ-1 ਵਹਿਮੀ ਤਾਇਆ ( ਵਾਰਤਕ)
- ਵਿਆਕਰਨ ਭਾਗ : ਵਿਰੋਧੀ ਸ਼ਬਦ
- ਪੜ੍ਹਨ ਲਈ ਕੰਮ : ਆਮ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬੰਧਿਤ ਲੇਖ

- ✚ ਕਲਾ ਇਕੱਤਰਤਾ ਗਤੀਵਿਧੀ :- ਮਾਂ-ਬੋਲੀ ਪੰਜਾਬੀ 'ਤੇ ਸਲੋਗਨ (A4 ਸ਼ੀਟ 'ਤੇ ) ਤਿਆਰ ਕਰੋ।



- ✚ ਪ੍ਰੋਜੈਕਟ :- 'ਸਮਾਜਿਕ ਬੁਰਾਈਆ'(ਕੋਈ ਸੱਤ) ਵਿਸ਼ੇ 'ਤੇ ਪ੍ਰੋਜੈਕਟ ਤਿਆਰ ਕਰੋ।



- ✚ ਦਿੱਤੇ ਗਏ ਦਿਸ਼ਾ-ਨਿਰਦੇਸ਼ਾਂ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖ ਕੇ ਕੰਮ ਕੀਤਾ ਜਾਵੇ।

- 'ਪ੍ਰੋਜੈਕਟ ਅਸਾਈਨਮੈਂਟ ਸ਼ੀਟ 'ਤੇ ਬਣਾਇਆ ਜਾਵੇ।
- ਅਸਾਈਨਮੈਂਟ ਸ਼ੀਟ ਦੇ ਘੱਟ ਤੋਂ ਘੱਟ 8-10 ਪੇਜ ਹੋਣੇ ਚਾਹੀਦੇ ਹਨ।
- ਕੰਮ ਸੁੰਦਰ ਲਿਖਾਈ ਵਿੱਚ ਕੀਤਾ ਜਾਵੇ।
- ਹਰ ਇਕ ਵਿਸ਼ੇ ਦੀ ਤਸਵੀਰ ਜ਼ਰੂਰ ਲਗਾਈ ਜਾਵੇ।
- ਸਵੈ-ਵੇਰਵਾ ਪੰਜਾਬੀ ਵਿੱਚ ਲਿਖਿਆ ਜਾਵੇ।
- ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ ਲਈ ਪ੍ਰੋਜੈਕਟ ਦੇ ਨੰਬਰ ਲਗਾਏ ਜਾਣਗੇ।

**ਨੋਟ:- ਆਪਣਾ ਕੰਮ ਆਪ ਕਰੋ। ਕਿਸੇ ਤੋਂ ਕਰਵਾਇਆ ਕੰਮ ਸਵਿਕਾਰ ਨਹੀਂ ਕੀਤੀ ਜਾਵੇਗਾ।**

## हिंदी

हिंदी पुरातन भाषा है, जिसमें भाव अपार।  
सहज-सरल-सरस इतनी कि सीख रहा संसार।

### ❖ सामान्य निर्देश :-

- कार्य बताए हुए निर्देशों के अनुसार होना चाहिए।
- आवधिक परीक्षण के लिए निर्धारित पाठों को सही ढंग से याद करें।
- परियोजना कार्य को सुंदर ढंग से Assignment sheets पर किया जाए।

### 1. पठन कौशल :-

क्षितिज पाठ -3 उपभोक्तावाद की संस्कृति पढ़ें तथा इससे संबंधित किसी मनपसंद उत्पाद का विज्ञापन assignment sheet पर बनाएँ।

### 2. याद करने वाला कार्य : आवधिक परीक्षण की तैयारी करें।

- ✓ क्षितिज : पाठ-2 (ल्हासा की ओर)
- ✓ क्षितिज : पाठ-9 (साखियाँ और सबद)
- ✓ व्याकरण : समास तथा उसके भेद

### 3. परियोजना कार्य :

1. स्वाधीनता आंदोलन में भाग लेने वाले किन्हीं 10 सेनानियों का चित्र सहित वर्णन करें।
2. मनपसंद किसी पक्षी का चित्र बना कर भिन्न-भिन्न प्रकार की दालों से उसे सजाएँ तथा उसे lamination sheet से cover करें।

### ❖ नैतिक शिक्षा

- सभी बच्चे अवकाश काल में अपने माता-पिता के कार्य में कुछ समय के लिए सहायता करें।
- डी ए वी गान तथा आर्य समाज के 1-10 नियम याद करें।
- 'याचना' कविता याद करें।
- करवाए गए पाठों के प्रश्न उत्तर याद करें (पाठ- 3, 5)

### ❖ COMPUTER

- Make a portfolio on Assignment Sheet on "Applications of IT" in different fields. Define IT and Paste the picture and write about each of the application.
- Learn Unit 1- Information Technology and Unit 2- Data Entry and Keyboard Skills for Oral Test.

## ❖ MATHEMATICS

1. Do practice of below given **Chapters for Periodic Test -1** to be conducted after summer holidays:

**Chapter 1:- Number system**

**Chapter 2:- Polynomial**

**Chapter 3:- Coordinate Geometry**

2. **Project work:-Working Model of Number System**

**Instructions:-**

- Prepare your model beautifully.
- Use cardboard to balance it properly.
- Your explanation should be up to mark

3. **Lab Activities:**

**Lab Activity: -2**

To make a square root spiral by paper folding.

**Lab Activity: -9**

To obtain the mirror image of a given geometrical figure with respect to the x-axis and the y-axis

**Lab Activity: -12**

To verify the mid-point theorem for a triangle, using paper cutting and pasting

**Lab Activity: - 8**

To intercept geometrically the factor of a quadratic expression of the type  $x^2 + bx + c$  using square grids, strips and paper slips

**Lab Activity: -4**

To verify the identity  $a^3 + b^3 = (a + b)^3 - 3ab(a + b)$  using cuboids and unit cubes.

**Lab Activity: -16**

To show that a diagonal of a parallelogram bisect each other.

**Lab Activity: -19**

To verify that the angles in the same segment of a circle are equal, using the method of paper cutting, pasting and folding

**Lab Activity: -13**

To explore criteria for congruency of triangles, using a set of triangular cut- outs

## ❖ SOCIAL SCIENCE

**Project Work:**

Make a **Project** on the following Disaster Topics as per Guidelines given by CBSE according to Roll No. wise. Topics are mentioned below:-

Topics	Roll No.
1- Storm	1 to 8
2- Floods	9 to 16
3-Earthquake	17 to 24
4- Drought	25 to 32
5- Tsunami	33 to 40
6- Cyclone	41 onwards



## **✚ Objective of Project-**

The overall objective of the Project work is to help students gain as insight and pragmatic understanding of the Disaster and see all the Social Science disciplines from interdisciplinary perspective. It should also help in enhancing the Life Skills of the students.

## **✚ Project Content must be as per the following-**

- Introduction of the topic.
- Causes of concern topic.
- Areas in the world.
- Impacts on human life.
- How we can protect our self from the disaster.
- Government role during disaster.

## **✚ Important instructions-**

- Make best Project because this Project will be considered as Subject Enrichment activity/ Art Integration.
- Make Pictorial Project.
- Use assignment sheet to make project.
- Hand writing must be Neat and Clean without over writing.
- If any doubt related project then contact with your subject teachers.

**Reading:** Geography Chapter 4 - Climate

**Learning :** Geography Chapter 1 (India Size and Location)

Economics Chapter 2 (People -as a Resource )

## **❖ SCIENCE**

### **(A) LEARN THE FOLLOWING CHAPTERS FOR PERIODIC TEST - 1**

Chapter - 1 (Matter in our surroundings)

Chapter - 5 (Fundamental unit of life)

### **(B) GENERAL INSTRUCTIONS FOR PROJECT WORK –**

1. Use good quality assignment sheets.
2. Cover page containing School name, name of project, class, roll no, Submitted by, submitted to.
3. Index is mandatory.
4. Paste at least 1 photograph related to each topic.
5. Submit your project in folder.

**Project Work:-** Prepare project on **Chapter 14 (Natural Resources)**

**(C) EXPERIMENTS FROM THE LAB MANUAL (V K GLOBAL):-**

**Experiment-1 (Page no. 13) - Preparation of**

- (a) a true solution of common salt, sugar and alum
- (b) a suspension of soil, chalk powder and fine sand in water
- (c) a colloidal solution of starch in water and egg albumin/ milk in water and distinction between these on the basis of (i) transparency (ii) filtration criterion (iii) stability

**Experiment -2 (Page no.21) - Preparation of (A) mixture (B)a compound , using iron filings and sulphur powder and distinction between these on the basis of:**

- appearance i.e., homogeneity and heterogeneity
- behaviour towards a magnet
- behaviour towards carbon disulphide as a solvent
- effect of heat

**Experiment -4(A) (Page no.31) -To carry out the chemical reaction between iron and copper sulphate solution in water and record the observations. Also classify it as physical or chemical change.**

**Experiment-5(A)(Page no. 42) - Preparation of stained temporary mount of onion peel to record observations and draw its labelled diagram.**

**Experiment -6(A)(Page no. 50)- Identification of parenchyma, collenchyma and sclerenchyma tissues in plants, from slides. Drawing of their labelled diagram.**

**Experiment -6(B)(Page no. 54) - Identification of striped, smooth and cardiac muscles fibers and nerve cells in animal from prepared slides Drawing of their labelled diagram.**

**Experiment -8 (Page no. 67) - Verification of laws of reflection of sound.**

**Experiment -9 (Page no. 73) - Determination of the density of solid (denser than water) by using a spring balance and measuring cylinder.**

**Experiment-10 (Page no. 80) - Establish the relation between the loss in weight of a solid when fully immersed in**

(a) tap water

(b) strongly salty water, with the weight of water displaced by it by taking at least two different solids.

**Experiment -11 (Page no. 86)- Determination of speed of pulse propagated through stretched string/slinky.**

**Other instruction for writing practical work:-**

<b>Blank page/ Plane page</b>	<b>Ruled Page</b>
<b>Use pencil only</b>	<b>Use Pen only</b>
Date..... Expt No.....	Date..... Expt. No.....
Aim	Aim
Material required	Material required
Diagram	Procedure
Observation	Results

**Health and Physical Education(Holiday Home Work)**

**General Instructions:**

1. Take care about your health.
2. Do morning walk daily.
3. Play outdoor games in Morning & Evening only.
4. Take proper balance diet for good health .
5. Have your meals at fixed time.
6. Always have light meals.
7. Take milk daily because it repairs broken cell of body.
8. Do practice of yoga daily.
9. Practice Aasans for period of 20 to 30 minutes.

**Project Work:-**

1. Make a file of major game  
(Volleyball and kho-kho) With History of game, measurement of ground ,professional techniques used in the game, Official and player of National and International Level from India.
2. Make a yoga file of 4 Asana.  
like-Padamaasana, Tarasana, chakaraasana and Halasaana with there benefits and precautions.  
(Not-Surya namaskar is compulsory)

# CREATIVE WORK

## Prepare Charts on -

- Roll No. 1 to 3 - July Month Value Education Topic
- Roll No. 4 to 6 - August Month Value Education Topic
- Roll No. 7 to 9 - September Month Value Education Topic
- Roll No. 10 to 12- October Month Value Education Topic
- Roll No. 13 to 15- November Month Value Education Topic
- Roll No. 16 to 18 - December Month Value Education Topic
- Roll No. 19 to 21 - January Month Value Education Topic
- Roll No. 22 to 24 - February Month Value Education Topic
- Roll No. 25 to 27 - March Month Value Education Topic
- Roll No. 28 to 30 - Invitation Card
- Roll No. 31 to 32 - Good Thoughts
- Roll No. 33 to 40- Handmade Folder
- Roll No. 41 onwards - Make Frills for Board Decoration

NOTE- Month wise Value Education Topics are mentioned in your Study Plan.