



BHARTIYA VIDYA MANDIR SENIOR SECONDARY SCHOOL

📍 SECTOR-39, CHANDIGARH ROAD, LUDHIANA

Vacation Learning Pack

🎨 Create, Think & explore 🎨

Class : VIII

Be Kind ❤️
Stay Curious 💡
Keep Learning ☆

Read 📖

Imagine 🧠

Discover 🔍

Grow 🌱



पवित्र मन रखो पवित्र तन रखो

पवित्र मन रखो पवित्र तन रखो

पवित्रता मनुष्यता की शान है

जो मन ,वचन, कर्म से पवित्र है वह चरित्रवान ही यहां महान है

1 बड़ा ही मूल्यवान है तुम्हारा यह जन्म, तुम्हारा यह जन्म।
जगत की कर्मभूमि में करो भले कर्म, करो भले कर्म।

अच्छे रखो विचार ,उत्तम करो व्यवहार,
आदर्श व्यक्ति की यह पहचान है।

जो मन, वचन ,कर्म से पवित्र है
वह चरित्रवान ही यहां महान है।।

2 तुम अपनी आंख में अमृत रखो विमल विमल, सदा विमल विमल।
तुम्हारी वाणी में माधुर्य हो सरल सरल, सदा सरल सरल।।

तुम हो के निर्विकार, सबका करो सत्कार,
यह जन्म तुम्हारा इम्तहान है।

जो मन, वचन ,कर्म से पवित्र है
वह चरित्रवान ही यहां महान है।।

पवित्र मन रखो पवित्र तन रखो

अच्छे विचार
उत्तम व्यवहार
श्रेष्ठ चरित्र
सफल जीवन



शुद्ध मन



मधुर वचन



सत्कर्म

पवित्रता ही
मानवता की
सबसे बड़ी
पहचान है।

पवित्र विचार अपनाओ, पवित्र वाणी बोलो, पवित्र कर्म करो – यही है जीवन का सच्चा धन।

यही है चरित्र की पहचान और महानता की राह।

DAILY HABITS OF CHILD DURING SUMMER VACATION

1 Wake up early

2 Meditation and Affirmation

I am happy
I am healthy
I can do it
I am kind

3 Pranam to Earth and Parents

4 Surya Namaskar

5 Brushing teeth

6 Bathing daily

7 Offering water to Sun

8 Watering birds and plants

9 Healthy breakfast

10 Doing vacation learning pack

11 Reading autobiography

12 Fruit time

13 Creative new skills

14 Day time nap

15 Lunch - nutritious food

16 Tech time (app time)

17 Milk and snacks

18 Outdoor games

19 Dinner with family and siblings

20 Meditation and Affirmation

I am calm
I am grateful
I am strong
I am enough

21 Going to bed

★ GOOD HABITS TODAY, BRIGHT FUTURE TOMORROW! ★

VACATION LEARNING PACK (2026-27)

Dear Students,

You are required to prepare a **Subject-wise Question Bank** for all subjects in a **small separate notebook** based on the syllabus completed till the Summer Vacation.

INSTRUCTIONS:

1. Prepare **20 questions** from each subject.
2. Questions should include:
 - **Objective Type Questions**
 - **Short Answer Questions**
 - **Long Answer Questions**
3. Questions must be prepared only from the syllabus completed till date.
4. Write all work neatly and systematically in a separate small notebook.
5. Mention your **Name, Class, Section,** and **Subject Name** clearly.
6. The completed notebook must be submitted on the **first day after Summer Vacation.**



This activity is meant to help you revise the syllabus and strengthen your preparation for upcoming assessments.

COMPLETE THE WORK SINCERELY AND NEATLY.

Subject-English

READING COMPREHENSION

Q. 1. Read the passage carefully and answer the questions that follow.

1. The Arctic fox is a master of survival. Living in the harsh, frozen tundra of the Arctic, where temperatures can drop to -50°C , this small mammal has developed remarkable adaptations. Its thick, multi-layered white fur not only provides insulation but also acts as perfect camouflage against the snow in winter. When summer arrives and the snow melts, the fox sheds its white coat and grows a brown or grey one to blend with the rocks and tundra plants. This change is triggered by the amount of daylight, not temperature.

2. Food is scarce in the Arctic. Therefore, the Arctic fox has become an opportunistic feeder. It follows polar bears to scavenge their leftover kills and digs through snow to find lemmings, its main prey. During summer, it stores extra food under rocks to prepare for winter famine. Because climate change is causing sea ice to melt earlier each year, polar bears are spending less time hunting on ice. As a result, Arctic foxes find fewer bear leftovers and must travel farther for food. Scientists have observed that many foxes are becoming thinner and producing fewer pups. If this trend continues, the Arctic fox population could decline sharply within the next two decades.

QUESTIONS

A. Assertion-Reasoning Questions

Choose the correct option:

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false but R is true.

1. **Assertion (A):** The Arctic fox changes its fur colour with the seasons.

Reason (R): The change in fur colour is triggered by temperature changes.

2. **Assertion (A):** Arctic foxes are facing a decline in population.

Reason (R): Climate change is reducing the availability of polar bear leftovers.

B. Cause-Effect Questions

- 3. What effect does early melting of sea ice have on Arctic foxes?
- 4. Why does the Arctic fox store food under rocks during summer? Give the cause.

C. Analogy Questions

Complete the analogies based on the passage:

- 5. White fur : Winter :: Brown fur : _____
- 6. Camouflage : Protection :: Food storage : _____

D. Vocabulary Questions

- 7. Find a word from the passage that means "a state of extreme hunger".
- 8. The word "opportunistic" in para 2 means:
a) Careful b) Taking advantage of chances c) Lazy d) Aggressive

E. Answer the following questions in 20 words.

- 9. How does the Arctic fox's fur help it survive? Mention two ways.
- 10. What is the main prey of the Arctic fox? How does it catch it?
- 11. How is climate change indirectly affecting Arctic foxes?
- 12. What will happen if the current trend of food shortage continue

GRAMMAR

Q1. Fill in the blank with correct tense:

If the government _____ (conduct) the Census next year, we will get updated population data.

Q2. Complete with a suitable modal:

Students _____ submit their English project by Friday, or they _____ lose marks.

Q3. Choose the correct option:

The number of students who _____ (has/have) opted for AI as a subject is increasing.

Q4. Read the dialogue and complete the sentence:

Teacher: "Why didn't you complete your homework, Rohan?"

Rohan: "I was unwell yesterday, Ma'am."

The teacher asked Rohan why he _____ his homework. Rohan replied that he _____ unwell the previous day.

Q5. Fill in the blank with a suitable determiner.

_____ Arctic fox that we saw in the documentary had very thick fur. _____ of the students knew it changes colour.

Q6. Join the sentences using a suitable conjunction:

i) It was -50°C . The Arctic fox survived.

ii) You must study hard. You will not pass.

Q7. Fill in with a suitable preposition.

The fox is adapted _____ cold weather and depends _____ lemmings _____ food.

Q9. Modals: We _____ protect wildlife because they _____ become extinct.

Q10. Subject-Verb Agreement: Neither of the answers _____ (is/are) correct.

Q11. Reported Speech:

Anu: "Can I borrow your book?"

Meena: "Yes, but return it tomorrow."

Anu asked Meena _____. Meena replied _____ but told her _____.

Q5. Determiners: _____ knowledge is _____ dangerous thing. I have _____ books on this topic.

Q12. Conjunctions: _____ he was tired, he completed the work _____ he is responsible.

Q13. Prepositions: He was accused _____ cheating and was banned _____ the exam _____ one year.

Q. 14. Procedure Writing:

A. Using the information below, fill in the blanks to complete the instructions for the process of dyeing a piece of cloth:

1. Take a strong, white coloured cotton cloth.
2. Boil water and add the desired colour.
3. Dip the cloth in coloured hot water and soak it for half an hour.
4. Take the cloth out.
5. Spread the cloth and let it dry.

A strong white-coloured cotton cloth is taken. Water (a) _____ and the desired colour (b) _____. The cloth (c) _____ in the coloured water for half an hour. The cloth (d) _____ out. Finally, it is spread out and (e) _____.

B. Rohit made designs with a few potatoes and some paint. Read the information given below and complete the procedure that Rohit followed:

1. Take a little poster-colour paint in a colour palette.

2. Mix a little water into the paint with a paintbrush.
3. Slice across a potato and carve a flower on it.
4. Dip the potato into the paint.
5. Stamp on the paper to make a floral design.

A little poster-colour paint was taken in a palette. A little water (a) _____ to the paint. A potato (b) _____ and a flower (c) _____. The cut potato (d) _____ paint. It was stamped on a sheet of plain paper and a floral design (e) _____.

Q15. Complete the following Conversation in indirect speech:

A

Pumpkin: Where did you spend your holiday?

Emmy : I went to many hill stations.

Pumpkin: Which one did you like the most?

Emmy : Honestly speaking, I liked all as I am very fond of hills.

Pumpkin asked Emmy (a) _____ his holiday. Emmy (b) _____ stations. Pumpkin then asked (c) _____ Emmy said that honestly speaking (d) _____.

B

Doctor : Have you got the tests done?

Karna : No, I have not.

Doctor : Get them done today itself.

Karna : Are they necessary?

Doctor : Absolutely, you can't avoid them.

The doctor asked Karna (a) _____. He replied (b) _____. The doctor suggested him (c) _____. He (d) _____. The doctor responded (e) _____.

C

Reporter : Did you expect to get the Khel Ratan?

Sakshi : I had never thought I would get the Khel Ratan before getting the Arjuna Award.

Reporter : Did you think that you would receive so much praise?

Sakshi : No, I didn't expect this.

Reporter : What is your next plan?

Sakshi : Only God Knows.

A reporter (a) _____ Sakshi told the reporter that she had never thought to (b) _____. The reporter further asked her (c) _____. She replied (d) _____. Reporter asked (e) _____. Sakshi replied that only God knows.

Q16. Dialogue completion

A

Rohit calls up Rajat to make a plan for the weekend. Complete the dialogue between Rohit and Rajat by filling in the gaps.

Rohit : (i) this weekend?

Rajat : I don't have any special plan.

Rohit : How do you like the idea (ii) the zoo?

Rajat : That sounds good, But I (iii) my parent's permission.

Rohit : I'll come to your house this evening and request your parents to allow you to join me to see the zoo.

Rajat : Ok.

Rohit : (iv) in the evening?

Rajat : Yes. They will be at home.

Rohit : Then I'll surely come.

B

Sarita is being interviewed for the job of a teacher in a school. Complete the dialogue by filling in the gaps.

Interviewer : Why do you think you (i) ?

Sarita : Mam, I am qualified for the job and I have a passion for children and teaching. All these traits make me suitable for the job.

Interviewer : Can (ii) any foreign language?

Sarita : Yes, I can speak and write German.

Interviewer : What (iii) in graduation?

Sarita : Mam, I have graduated in Chemistry Honours.

Interviewer : Do you (iv) experience?

Sarita : Yes, I have teaching experience of 5 years in a public school.

Interviewer : Well, then we may consider you for the job.

PROJECT

1. Read Ch. 4: **A Tale Of Valour: Major Somnath Sharma And The Battle Of Badgam**. Prepare a Wikipedia based on his life or any other legendary patriot's life who inspires you the most.
2. Write any 5 news headlines daily in a small notebook, with exact date and day.

PLAYWAY LEARNING

1. Prepare a glossary book (dictionary) of your own by writing 7 new words each day in it with proper date and day (from your textbook of English)
2. Prepare a flow chart depicting the sequence of incidents happening in the chapter "The Wit That Won Hearts".

NATURE CONNECTING ACTIVITY

1. Take a pot of soil, overlap its surface with pebbles, try to plant some saplings in it, the way Mrs. Jones did. Take a great care of it and write the report of its evolution twice a week. Click some pictures and attach with the report if possible. (
2. You are the queen of The Vijayanagara Empire, write a letter to the king, convincing him that you had never been disrespectful towards him and his poems. (On an A4 size sheet.)

CREATIVE ASSIGNMENTS

1. Prepare a comic strip based on the chapter **Wisdom Paves The Way**, on an A4 size sheet.

हिंदी

निर्देश-

- सभी कार्य साफ-सुथरी लिखावट में करें।
- प्रत्येक गतिविधि रंगीन एवं रचनात्मक होनी चाहिए।
- चित्रों को रंग भरकर आकर्षक बनाएं।
- समय पर गृहकार्य जमा करें।
- अभिभावक हस्ताक्षर अवश्य करवाएं।

एकीकृत परियोजना

"भारत की रंग-बिरंगी संस्कृति"

भारत के 5 प्रमुख त्योहार

त्योहार	राज्य	प्रसिद्ध भोजन	पारंपरिक पोशाक	महत्व	रोचक तथ्य

कृपया ऊपर लिखित बॉक्स बनाकर उसमें प्रश्नों के उत्तर दें
त्योहारों को पहचानें

1. इस त्योहार में रंगों से खेला जाता है।
 2. इस त्योहार में दीप जलाए जाते हैं।
 3. यह फसल कटाई का त्योहार है।
- 4 अपना पसंद के त्योहार के बारे में लिखें उसमें क्या विशेष है वह भी बताएं। उत्तर----
- प्रश्न- पुराने समय में त्योहार कैसे मनाए जाते थे?
- प्रश्न- क्या पहले भी मिठाइयाँ बनाई जाती थीं? कैसे?
- प्रश्न- त्योहारों में परिवार की क्या भूमिका होती थी? बताएं।

पहनावा गतिविधि - बताएं।

सांस्कृतिक पहनावा गतिविधि

नीचे दिए बॉक्स में भारत की पारंपरिक पोशाक का चित्र बनाएं या चिपकाएं। कृपया ऐसा बॉक्स बनाकर चित्र बनाएं या चिपकाएं।

स्वयं एक बॉक्स बनाकर इसमें उत्तर दें।

पंजाब	ढोकला
गुजरात	सरसों का तेल
तमिलनाडु	रसगुल्ला
पश्चिम बंगाल	इडली

- एकता में बल है- चित्र बनाएं, संवाद लिखें।
- मेहनत का फल मीठा होता है चित्र बनाएं संवाद लिखें।
- सिंह और चूहा – दया और सहायता का महत्व
- कबूतर और शिकारी – एकता और समझदारी
- ईमानदार लकड़हारा – ईमानदारी का फल
- चींटी और कबूतर – उपकार का बदला
- खरगोश और कछुआ – मेहनत और धैर्य
- दो मित्र और भालू – सच्ची मित्रता
- लालची कुत्ता – लालच बुरी बला
- प्यासा कौआ – बुद्धिमानी और प्रयास
- स्वर्ण अंडे देने वाली मुर्गी – लालच का परिणाम
- बूढ़ा किसान और उसके बेटे – मेहनत का महत्व

नोट- सभी कहानियों के चित्र चिपकाएं या बनाएं और संवाद लिखें

परिवार का साक्षात्कार

अपने घर के किसी बड़े सदस्य (दादा-दादी/नाना-नानी/माता-पिता) का साक्षात्कार लें। उनसे उनके बचपन, खेल, स्कूल और जीवन के अनुभवों के बारे में पूछें और प्रश्नोत्तर रूप में लिखें।

मेरा स्वनिर्मित शब्दकोश

रोजमर्रा में प्रयोग होने वाले 30 नए हिन्दी शब्द खोजकर उनका अर्थ और वाक्य लिखें। उन्हें आकर्षक ढंग से सजाएँ।

पर्यावरण संरक्षण पोस्टर

“जल बचाओ”, “पेड़ लगाओ” या “प्लास्टिक मुक्त भारत” विषय पर रंगीन पोस्टर बनाकर 8-10 पंक्तियों का संदेश लिखें

शब्द	अर्थ	पर्यायवाची	वाक्य

कम से कम 10 शब्द तैयार करें।

कक्षा में करवाया गया सारा कार्य दोहराएं और याद करें

ਵਿਸ਼ਾ - ਪੰਜਾਬੀ ਅਲੋਚਨਾਤਮਕ ਚਿੰਤਨ

👉 ਮਿੱਠਾ ਬੋਲਣਾ ਸਭ ਚੰਗਿਆਈਆਂ ਦਾ ਮੂਲ ਹੈ। ਮਿੱਠਾ ਬੋਲਣ ਵਾਲਾ ਕਿਤੇ ਧੋਖਾ ਨਹੀਂ ਖਾਂਦਾ। ਮਿਠਾਸ ਵਿੱਚ ਇੰਨੀ ਸ਼ਕਤੀ ਹੈ ਕਿ ਗੁੱਸੇ ਨੂੰ ਵੀ ਸਾਂਤ ਕਰ ਦਿੰਦੀ ਹੈ। ਭਾਈ ਗੁਰਦਾਸ ਅੱਗ ਤੇ ਪਾਣੀ ਦੀ ਉਦਾਹਰਨ ਦਿੰਦੇ ਹੋਏ ਆਖਦੇ ਹਨ ਕਿ ਅੱਗ ਦੀਆਂ ਲਪਟਾਂ ਉੱਪਰ ਨੂੰ ਜਾਂਦੀਆਂ ਹਨ। ਪਰੰਤੂ ਉਹਨਾਂ ਦਾ ਕੋਈ ਲਾਭ ਨਹੀਂ। ਪਰੰਤੂ ਪਾਣੀ ਹਮੇਸ਼ਾ ਨੀਵੇਂ ਵੱਲ ਨੂੰ ਚਲਦਾ ਹੈ। ਪਾਣੀ ਅੱਗ ਵਾਂਗ ਗਰਮ ਨਹੀਂ ਬਲਕਿ ਠੰਢਾ ਹੁੰਦਾ ਹੈ। ਕੋਈ ਕਿੰਨਾ ਵੀ ਮਹਾਨ ਹੈ, ਵਿਦਵਾਨ ਹੈ, ਪਰ ਜੇ ਉਸ ਵਿੱਚ ਮਿਠਾਸ ਨਹੀਂ ਤਾਂ ਸਭ ਵਿਅਰਥ ਹੈ। ਇਹ ਇੱਕ ਸੱਚਾਈ ਹੈ ਕਿ ਗੁਰਬਾਣੀ ਵਿੱਚੋਂ ਵੀ ਇਸਦੀਆਂ ਉਦਾਹਰਨਾਂ ਦੇ ਕੇ ਗੁਰੂ ਜੀ ਦੱਸਦੇ ਹਨ ਕਿ ਤੱਕੜੀ ਦੇ ਜਿਹੜੇ ਪੱਲੜੇ ਵਿੱਚ ਅਸੀਂ ਭਾਰ ਪਾ ਕੇ ਤੋਲਦੇ ਹਾਂ ਉਹੀ ਨੀਵਾਂ ਹੋ ਜਾਂਦਾ ਹੈ ਭਾਵ ਜਿਹੜਾ ਵਿਅਕਤੀ ਗੁਣਾਂ ਨਾਲ ਭਰਪੂਰ ਹੋਵੇਗਾ ਉਹ ਨੀਵਾਂ ਹੋਵੇਗਾ।

ਉਪਰੋਕਤ ਪੈਰ੍ਹੇ ਨੂੰ ਧਿਆਨ ਨਾਲ ਪੜ੍ਹੋ ਅਤੇ ਪੁੱਛੇ ਗਏ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ -

- 1) ਸਭ ਚੰਗਿਆਈਆਂ ਦਾ ਮੂਲ ਕੀ ਹੈ?
- 2) ਮਿਠਾਸ ਵਿੱਚ ਕੀ ਸ਼ਕਤੀ ਹੈ?
- 3) ਗੁਣਾਂ ਨਾਲ ਭਰਪੂਰ ਵਿਅਕਤੀ ਕਿਸ ਤਰ੍ਹਾਂ ਦਾ ਹੋਵੇਗਾ?
- 4) ਅੱਗ ਦੀਆਂ ਲਪਟਾਂ ਦਾ ਕੀ ਲਾਭ ਹੈ?
- 5) ਤੱਕੜੀ ਦਾ ਕਿਹੜਾ ਪੱਲੜਾ ਨੀਵਾਂ ਹੁੰਦਾ ਹੈ?

👉 ਚਰਚਨਾਤਮਕ ਵਿਕਾਸ

ਤੁਸੀਂ ਆਪਣੇ ਦਾਦੀ ਜੀ ਜਾਂ ਨਾਨੀ ਜੀ ਕੋਲ ਜਾ ਕੇ ਉਨ੍ਹਾਂ ਦੇ ਬਚਪਨ ਦੀਆਂ ਕੁਝ ਖਾਸ ਗੱਲਾਂ ਬਾਰੇ ਗੱਲ ਕਰੋ। ਉਹਨਾਂ ਤੋਂ ਜਾਣਕਾਰੀ ਇਕੱਠੀ ਕਰੋ ਕਿ ਉਹਨਾਂ ਦਾ ਘਰ ਅਤੇ ਸਕੂਲ ਕਿੱਥੇ ਸੀ, ਕਿਸ ਤਰ੍ਹਾਂ ਦਾ ਸੀ, ਉਹ ਬਚਪਨ ਵਿੱਚ ਕਿਸ ਤਰ੍ਹਾਂ ਦੀਆਂ ਖੇਡਾਂ ਖੇਡਦੇ ਸਨ ਆਦਿ। ਫਿਰ ਆਪਣੇ ਸਬਦਾਂ ਵਿੱਚ ਇਸ ਬਾਰੇ ਇੱਕ ਤੁਲਨਾਤਮਕ ਪੈਰ੍ਹਾ A4 ਸੀਟ ਉੱਤੇ ਲਿਖੋ।

👉 ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਖੇਡਾਂ ਖੇਡਣੀਆਂ ਓਨੀਆਂ ਹੀ ਜ਼ਰੂਰੀ ਹਨ ਜਿੰਨੀ ਕਿ ਪੜ੍ਹਾਈ ਕਰਨੀ। ਇਹ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਰਿਸ਼ਟ - ਪੁਸ਼ਟ ਬਣਾਉਂਦੀਆਂ ਹਨ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਆਪਣੇ ਦੇਸ਼ ਦੇ ਮਹਾਨ ਖਿਡਾਰੀਆਂ ਦੀ ਦੇਸ਼ ਨੂੰ ਦੇਣ ਬਾਰੇ ਵੀ ਧਿਆਨ ਵਿੱਚ ਰੱਖਣਾ ਚਾਹੀਦਾ ਹੈ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਹਰੇਕ ਖੇਡ ਨਾਲ ਪਿਆਰ ਕਰਨਾ ਚਾਹੀਦਾ ਹੈ।

ਹੇਠਾਂ ਦਿੱਤੇ ਚਿੱਤਰ ਦੇਖ ਕੇ ਉਨ੍ਹਾਂ ਬਾਰੇ ਸੰਖੇਪ ਵਿੱਚ ਲਿਖੋ -



👉 ਜੀਵਨ ਕੋਸ਼ਲ

ਮੈਂ ਸਵੇਰੇ ਆਪਣੇ ਸਕੂਲ ਜਾ ਰਿਹਾ ਸੀ। ਰਾਹ ਵਿੱਚ ਮੈਂ ਕੀ ਦੇਖਦਾ ਹਾਂ ਕਿ ਇੱਕ ਗਰੀਬ ਬੱਚਾ ਭੁੱਖ ਕਾਰਨ ਬੇਵੱਸ ਸੀ। ਉਹ ਲੋਕਾਂ ਕੋਲੋਂ ਪੈਸੇ ਨਹੀਂ ਸਿਰਫ ਖਾਣ ਲਈ ਭੋਜਨ ਦੀ ਮੰਗ ਕਰ ਰਿਹਾ ਸੀ। ਮੈਨੂੰ ਇਹ ਦੇਖ ਕੇ ਬਹੁਤ ਤਰਸ ਆਇਆ ਤੇ ਮੈਂ ਉਸ ਕੋਲ ਗਿਆ ਤੇ ਉਸ ਨੂੰ ਕਿਹਾ-

- ੳ) ਤੈਨੂੰ ਭੁੱਖ ਨਹੀਂ ਲੱਗੀ ਤੂੰ ਬਹਾਨੇ ਕਰ ਰਿਹਾ ਹੈਂ।
- ਅ) ਲੈ ਇਹ ਮੇਰਾ ਦੁਪਹਿਰ ਦਾ ਭੋਜਨ ਤੂੰ ਖਾ ਲੈ।
- ੲ) ਇੱਥੋਂ ਦੌੜ ਜਾ।
- ੳ) ਕੋਈ ਕੰਮ-ਕਾਰ ਕਰ ਲੈ ਲੋਕਾਂ ਦਾ ਸਮਾਂ ਬਰਬਾਦ ਕਰ ਰਿਹਾ ਹੈਂ।

👉 ਪ੍ਰੋਜੈਕਟ ਕਾਰਜ

ਅਖਬਾਰਾਂ ਸਾਡੇ ਜੀਵਨ ਦਾ ਅਨਿੱਖੜਵਾਂ ਅੰਗ ਹਨ। ਇਹ ਸਾਡੇ ਦਿਨ ਦੀ ਸ਼ੁਰੂਆਤ ਦਾ ਅਹਿਮ ਹਿੱਸਾ ਹਨ। ਲੋਕ-ਰਾਜ ਵਿੱਚ ਅਖਬਾਰਾਂ ਦਾ ਮਹੱਤਵ ਹੋਰ ਵੀ ਜ਼ਿਆਦਾ ਹੈ ਕਿਉਂਕਿ ਇਹ ਸਰਕਾਰ ਅਤੇ ਆਮ ਜਨਤਾ ਵਿੱਚ ਇੱਕ ਕੜੀ ਦਾ ਕੰਮ ਕਰਦੀਆਂ ਹਨ।

ਅਖਬਾਰਾਂ ਦੇ ਮਹੱਤਵ ਅਤੇ ਲੋੜ ਨੂੰ ਮੁੱਖ ਰੱਖਦਿਆਂ ਹੋਇਆਂ ਇੱਕ A4 ਸੀਟ ਉੱਤੇ ਅਖਬਾਰ ਦੀਆਂ ਸੁਰਖੀਆਂ ਚਿਪਕਾਓ।

👉 ਦਿੱਤੀਆਂ ਉਦਾਹਰਨਾਂ ਅਨੁਸਾਰ ਕਿਰਿਆ - ਵਿਸ਼ੇਸ਼ਣ ਦੀਆਂ ਕਿਸਮਾਂ ਲਿਖੋ -



👉 ਹੇਠਾਂ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਸੰਖੇਪ ਵਿੱਚ ਉੱਤਰ ਦਿਓ -

1. ਅਖ਼ਬਾਰਾਂ ਦਾ ਮਨੁੱਖ ਦੇ ਜੀਵਨ ਵਿੱਚ ਕੀ ਮਹੱਤਵ ਹੈ?
2. ਅਖ਼ਬਾਰ ਕਿਹੜੀ ਭਾਸ਼ਾ ਦਾ ਸ਼ਬਦ ਹੈ ਅਤੇ ਇਸਦਾ ਕੀ ਅਰਥ ਹੈ?
3. 'ਆਲਸ ਛੱਡੋ' ਕਵਿਤਾ ਤੋਂ ਸਾਨੂੰ ਕੀ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ?
4. ਜੀਵਨ ਵਿੱਚ ਤਰੱਕੀ ਪ੍ਰਾਪਤ ਕਰਨ ਲਈ ਮਨੁੱਖ ਨੂੰ ਕਿਹੜੇ-ਕਿਹੜੇ ਯਤਨ ਕਰਨੇ ਚਾਹੀਦੇ ਹਨ?
5. ਨਕਲ ਕਰਨ ਦੀਆਂ ਕੋਈ ਤਿੰਨ ਹਾਨੀਆਂ ਲਿਖੋ।

👉 ਕਿਰਿਆਤਮਕ ਕਾਰਜ

ਸਾਡੇ ਦੇਸ਼ ਦੇ ਇੱਕ ਨੇਤਾ, ਸੁਰਜੀਤ ਪਾਲ ਨੇ ਆਪਣੀ ਡਾਇਰੀ ਵਿੱਚ ਆਪਣੀ ਸਫਲਤਾ ਦੇ ਰਾਜ ਨੂੰ ਕੁੱਝ ਇਸ ਤਰ੍ਹਾਂ ਲਿਖਿਆ ਹੈ। ਦਰਅਸਲ ਸੁਰਜੀਤ ਪਾਲ ਹਰ ਚੀਜ਼ ਨੂੰ ਡਾਇਰੀ ਵਿੱਚ ਇੱਕ ਕੋਡ ਵਿੱਚ ਲਿਖਦੇ ਹਨ। ਉਹਨਾਂ ਨੇ ਡਾਇਰੀ ਉੱਪਰ ਆਪਣਾ ਨਾਂ ਵੀ ਕਿਸੇ ਕੋਡ ਵਿੱਚ ਲਿਖਿਆ ਹੈ। ਜੇ ਕੁੱਝ ਇਸ ਤਰ੍ਹਾਂ ਹੈ:

ਸੁਰਜੀਤ = 4'4+32'+13'3+21'0

ਪਾਲ = 26'1+ 33'0

ਅਤੇ ਆਪਣੇ ਰਾਜ ਨੂੰ ਇਸ ਤਰ੍ਹਾਂ :- 4'0+30'0+32'0+26'0+20'0

ਬੁੱਝੇ ਉਹ ਰਾਜ ਕੀ ਹੈ ?

(ਸੰਕੇਤ- ਇਸ ਪ੍ਰਸ਼ਨ ਨੂੰ ਹੱਲ ਕਰਨ ਲਈ ਵਰਨਮਾਲਾ ਅਤੇ ਲਗਾਂ- ਮਾਤਰਾ ਦਾ ਗਿਆਨ ਬਹੁਤ ਜ਼ਰੂਰੀ ਹੈ।)

👉 ਕੁਦਰਤੀ ਖੋਜ ਕਾਰਜ

ਤੁਸੀਂ ਆਪਣੇ ਨੇੜਲੇ ਬਾਗ਼, ਚਿੜੀਆਂ-ਘਰ ਜਾਂ ਕਿਸੇ ਹੋਰ ਕੁਦਰਤੀ ਥਾਂ ਦੀ ਸੈਰ ਕਰਕੇ ਉੱਥੋਂ ਦੇ ਨਜ਼ਾਰੇ ਜਾਂ ਜੀਵ-ਜੰਤੂਆਂ ਦਾ ਨਿਰੀਖਣ ਕਰਕੇ ਇੱਕ ਕਵਿਤਾ ਜਾਂ ਲਿਖਤੀ ਰਿਪੋਰਟ ਰਾਹੀਂ ਕੁਦਰਤ ਦੀ ਸੁੰਦਰਤਾ ਅਤੇ ਉਸ ਦੀ ਰੱਖਿਆ ਬਾਰੇ A 4 ਸੀਟ ਉੱਤੇ ਆਪਣੇ ਵਿਚਾਰ ਪ੍ਰਗਟ ਕਰੋ।

SUBJECT MATH

1. PROJECT WORK / FUN AND PLAY BASED –

Math Comic Strip: Make a 6-8 panel comic where you or a cartoon character solves funny daily problems using math (shopping, games, travel). Use speech bubbles and bright colours.

2. PLAY WAY METHOD –

Card Math Game: Make a set of 20-25 cards with numbers and operations. Play “Make 100” or “Highest Number” with family.

3. CREATIVITY BASED TASK:

Math Bookmark Designs: Create 8-10 beautiful bookmarks using colourful paper. Write one math formula, trick, or interesting fact on each and decorate with drawings. Gift them to family members.

4. IMAGINATION BASED LEARNING:

If I Were... Creative Pages: Write and draw on these topics:

- *If I were a shape...*
- *If numbers could talk...*
- *If I could design my school...*

5. NATURE-CONNECTED ACTIVITY Leaf Pattern Art:

Collect fallen leaves and create beautiful patterns or mandalas. Measure and note the area covered or symmetry used. Stick them in your file.

SUBMISSION INSTRUCTIONS:

1. Prepare work in a separate scrapbook/file.
2. Use colours, charts, photographs, and creative presentation.
3. Write one learning outcome after each activity.
4. Maintain neatness and originality.

Worksheet

Chapters: A Square and A Cube, Power Play, Proportional Reasoning

Section A: Multiple Choice Questions

Choose the correct option.

1. Which of the following is a perfect square?
a) 48 b) 64 c) 50 d) 75
2. The square root of 169 is:
a) 11 b) 13 c) 15 d) 17

3. Which number is both a perfect square and a perfect cube?
a) 8 b) 64 c) 27 d) 81
4. Cube root of 729 is:
a) 7 b) 8 c) 9 d) 6
5. The value of $(-5)^2$ is:
a) -25 b) 25 c) 10 d) -10
6. In exponential form, $2 \times 2 \times 2 \times 2 \times 2$ is written as:
a) 2^4 b) 2^5 c) 5^2 d) 10^2
7. Simplify: $3^3 \times 3^2 =$
a) 3^5 b) 3^6 c) 9^5 d) 27^2
8. The value of a^0 (where $a \neq 0$) is:
a) 0 b) 1 c) a d) -1
9. 10^{-2} is equal to:
a) 0.1 b) 0.01 c) 0.001 d) 10
10. If $2^x = 32$, then x is:
a) 4 b) 5 c) 6 d) 3
11. Which of the following is in proportion: 2:3 :: 4:?
a) 5 b) 6 c) 7 d) 8
12. If $a/b = c/d$, then:
a) $ad = bc$ b) $ac = bd$ c) $ab = cd$ d) $a+c = b+d$
13. The ratio 15:20 in simplest form is:
a) 3:4 b) 4:3 c) 5:4 d) 15:20
14. If 3 kg of rice costs ₹90, then cost of 5 kg rice is:
a) ₹120 b) ₹150 c) ₹180 d) ₹200
15. Square of 1.2 is:
a) 1.44 b) 14.4 c) 0.144 d) 12
16. Cube root of 0.064 is:
a) 0.4 b) 0.04 c) 4 d) 0.8
17. $(-3)^3 =$
a) -27 b) 27 c) -9 d) 9
18. $5^2 \times 5^{-2} =$
a) 5^{-1} b) 5^1 c) $1/5$ d) 25
19. If $x:y = 3:4$ and $y:z = 4:5$, then $x:z =$
a) 3:5 b) 12:20 c) 3:20 d) 12:5? (Correct: 3:5)
20. Unitary method is used for:
a) Finding value of one unit b) Squares only c) Exponents d) None
21. A number ending with 2,3,7,8 cannot be a:
a) Perfect square b) Perfect cube c) Both d) None
22. Prime factorisation of 64 shows it is:
a) 2^6 (a square and cube) b) Only square c) Only cube d) Neither
23. $10^3 \times 10^4 =$
a) 10^7 b) 10^{12} c) 10 d) 100
24. If 4 workers complete a work in 6 days, how many days for 8 workers?
a) 3 b) 12 c) 4 d) 2 (inverse proportion)
25. Square root of 256 is:
a) 14 b) 16 c) 18 d) 15

26. $7^3 =$
 a) 343 b) 49 c) 2401 d) 289
27. In proportion, product of means = product of:
 a) Extremes b) Ratios c) Units d) None
28. $2.5^2 =$
 a) 6.25 b) 62.5 c) 0.625 d) 25
29. $a^m \times a^n =$
 a) $a^{(m+n)}$ b) $a^{(m-n)}$ c) $a^{(m \times n)}$ d) $a^{(m/n)}$
30. If $a : b = 5 : 7$, then $3a : 3b =$
 a) 5:7 b) 15:21 c) 3:3 d) Both a & b (equivalent)

Section B: Short Questions

31. Find the square root of 225 by repeated subtraction method.
 32. Is 1000 a perfect cube? Why?
 33. Express 81 as a power of 3.
 34. Simplify: $2^3 \times 3^2$.
 35. Find the square root of 225 using prime factorisation.
 36. If 5 pens cost ₹40, find the cost of 8 pens.
 37. Check if 2, 3, 6 are in proportion.
 38. Write $(-2)^4$ and $(-2)^5$. What is the difference?
 39. Find cube root of 512.
 40. Simplify: $10^2 + 10^{-1}$.

Section C: Long Questions

41. Find the square root of 1764 by prime factorisation method. Show steps.
 42. Find the smallest number by which 675 must be multiplied to make it a perfect cube.
 43. Simplify the following using laws of exponents:
 (a) $(2^3)^2 \times 2^{-4}$
 (b) $5^2 \times 5^3 + 5^5$
44. A car travels 240 km in 4 hours. How far will it travel in 7 hours at the same speed?
 (Direct proportion)
45. Find the value of x if $3 : 5 :: x : 20$.
 46. A cuboid of dimensions 6 cm \times 6 cm \times 3 cm is melted to form a cube. Find the side of the new cube.
 47. Simplify: $(-3)^2 \times (-3)^2 \times (-3)^0$.
 48. If the ratio of boys to girls in a class is 3:4 and there are 28 students, find the number of boys and girls.
 49. Using estimation, find the square root of 625 and cube root of 1331.
 50. Prove that the square of an even number is even and give an example of a number that is a perfect square but not a perfect cube.

Section D: Case-Based Questions

Case 1: Squares and Areas

Rohan has a square garden of side 12 m. He wants to plant flowers. Area of square = side².

- What is the area of the garden?
- If he divides it into 4 equal smaller squares, what is the side of each?
- Is 144 a perfect square? Justify.

Case 2: Power Play in Folding Paper

A paper of thickness 0.1 mm is folded 8 times. Each fold doubles the thickness.
Thickness after n folds = initial $\times 2^n$.

- Write the thickness after 8 folds in exponential form.
- Calculate the numerical value.
- How many folds to reach thickness of 25.6 mm?

Case 3: Proportional Recipe

A recipe for 4 people needs 300 ml milk and 100 g sugar (direct proportion).

- How much milk for 10 people?
- How much sugar for 6 people?
- If milk and sugar are in ratio 3:1, is this maintained?

Case 4: Cube and Volume

A cube has volume 343 cm^3 . Volume = side³.

- Find the side length.
 - What is the surface area if side is found? (Note: Surface area = $6 \times \text{side}^2$)
- (iii) Is 343 both a perfect cube and related to powerplante

Case Study 5 : Rohan is designing a square garden. The area of the garden is 625 m^2 . He wants to plant trees in a grid pattern where the number of trees along each side is a perfect square number.

- What is the side length of the square garden? Verify that it is a perfect square.
 - If Rohan increases the side length by 9 metres, what will be the new area? Is the new area a perfect square?
- © The cost of fencing is directly proportional to the perimeter. If the cost for a 25 m side square is ₹2000, what will be the fencing cost for Rohan's original garden?

Case Study 6 Volume of Cubes and Packaging A company packs items in cubic boxes. One small box has a side of 4 cm. They need to pack 64 such small boxes into a larger cubic container.

- What is the volume of one small box? Express it using cube notation.
 - What should be the side length of the larger cube to exactly fit 64 small boxes? (Hint: Think in terms of how many small cubes fit along one edge.)
- © The number of small boxes that can fit increases with the power of the side length. If the side is doubled, by what factor does the volume (and number of boxes) increase? Use exponent rules to explain.

Case Study 7: Exponents in Population Growth The population of a town is currently 2400. It doubles every 10 years according to the pattern 2400×2^n , where n is the number of decades.

- What will be the population after 30 years? Express using exponents.
 - After how many years will the population first exceed 50,000? Show the calculation.
- © The resources (food supply) increase in direct proportion to the population. If 2400 people need 1200 kg of food per month, how much food is needed when the population reaches 19,200?

Subject- Science

1.Decode the Invisible Science Mystery!™

1. 🦠➡️👤😓

Clue: Tiny organisms enter our body and make breathing difficult.

Guess the Word: _____

2. 🍞👤😄🦠

Clue: This micro-organism helps bread become soft and fluffy.

Guess the Word: _____

3. 🚫🦠➡️👤😓

Clue: Ignoring this healthy habit can allow germs to spread diseases.

Guess the Word: _____

4. 🥛➕🦠➡️🍷🍷

Clue: Helpful micro-organisms change milk into tasty food products.

Guess the Word: _____

5. 🦠❌👁️🦠

Clue: These living organisms are so tiny that they cannot be seen with naked eyes.

Guess the Word: _____

6. 🦠🛡️🦠

Clue: This process protects our body from harmful diseases.

Guess the Word: _____

7. 🍄🌧️🍞

Clue: These organisms grow quickly on moist and stale objects.

Guess the Word: _____

8. 🦠➕⚡️📈

Clue: Some micro-organisms increase in number very rapidly.

Guess the Word: _____

9. 🦠🦠🧬🦠

Clue: Certain micro-organisms are used to prepare life-saving medicines.

Guess the Word: _____

2. Picture Explorer Challenge 🖼️ ✨

🖼️ 1 – Junk Food Habit.

Questions:

1. What unhealthy habits do you observe in the picture?
2. How can junk food affect our body in the long run?
3. Suggest two healthy food alternatives for this child.



🖼️ 2 – Physical Exercise

Questions:

1. Why is regular exercise important for our body?
2. Which body organs become stronger through physical activity?
3. Mention any two benefits of outdoor games.



🖼️ 3 – Handwashing Habit

Questions:

1. Why should we wash our hands before eating food?
2. Which diseases can spread due to dirty hands?
3. Write three occasions when handwashing is necessary.



🖼️ 4 – Late Night Mobile Use

Questions:

1. How can excessive screen time affect health?
2. Why is proper sleep important for teenagers?
3. Suggest one healthy bedtime routine.



🖼️ 5 – Balanced Diet

Questions:

1. What type of meal is shown in the picture?
2. Name any three nutrients present in this diet.
3. Why is balanced diet called the “ultimate treasure” for health?



🖼️ **3. Myth Busters: Health Edition** “Many people believe different things about health and fitness. Are all of them scientifically correct? Prepare a ‘Myth Busters: Health Edition’ project file to investigate 5 health myths and 5 health facts related to healthy lifestyle habits.”

📌 This Project Should Include:

- 5 Health Myths
- 5 Scientific Health Facts
- Scientific explanation for each in 2–3 lines
- Creative presentation with drawings/pictures
- Interview of 2 family/community members about any health myth they believed

🍷 Project can be as:

- Handmade project file
- Comic booklet
- Illustrated chart

4. Write a **PROJECT IDEA**. It must include the title of the project, its principle and working, diagram if any, materials required, approximate cost of making, its use. Only idea is to be submitted based on any one of the following themes:

- Animation, Visual Effects, Gaming & Comics
- Environment & Sustainability
- Health & Wellness.
- Entrepreneurship & Financial Literacy
- Tourism & Hospitality
- Agriculture & Rural Development
- Media, Design & Communication

5. 🍷 Circle Wheel Activity

"Think Like a Scientist!"

Create a colourful rotating wheel to show the steps of scientific investigation using any one daily-life example. Explain how a scientist observes, experiments, and finds the answer to a problem. It must include:



- Observations
- Question
- Hypothesis
- Experiment
- Result
- Conclusion

🍷 Use:

Cardboard/chart paper, colours, labels, and a split pin to make the wheel movable.

Subject-Social Science

1. Imagine you want to start a business that produces Steel water bottles.

- (i) What kind of inputs is needed?
- (ii) How would you obtain them?
- (iii) Suppose one of the factors is missing, what happens to your business operations?

2. KAUSHAL BODH ACTIVITY

Project Topic: "The Livestock Care & Nutrition Diary"

Step-by-Step Instructions are as follow:

Step 1: Choose a farm animal such as a cow, buffalo, goat, sheep, or poultry bird.

Step 2: Interview the caretaker and write about the animal's name, breed, age, behavior, and an interesting story related to it.

Step 3: Prepare a neat 24-hour diet chart including green fodder, dry fodder, grains, minerals, and water intake.

Step 4: Ask grandparents or elders about any two traditional home remedies used for minor animal health problems and write their ingredients and preparation method.

Step 5: Arrange the project properly:

Page 1: Animal Profile & Interview

Page 2: Nutritional Diet Chart

Page 3: Traditional Healing Guide

Page 4: Self-Reflection on learning about animal care and dignity of labor.

The work should be handwritten, neat, creative, and completed in students' own words.

Maximum Page limit: 7 pages.

3. Nature-Connected Activity

Observe your home and surroundings and make a list of resources you use daily. Divide them into:

Renewable Resources

Non-Renewable Resources

- Explain how these resources make our life easier and support human activities.

- Which resources are getting depleted

- **Suggest ways to save and protect natural resources.**

Creative Work

Add any one:

Poster

Slogan

Drawing

Model picture

Newspaper cutting related to environmental conservation

INSTRUCTIONS

- Students must complete the activity neatly on A4 sheets or in their subject notebook/copy.
- Use coloured headings and proper margins.
- Draw neat tables, diagrams, or illustrations wherever required.
- Paste relevant pictures or make colorful drawings.
- Write in clear and legible handwriting.
- The work should be creative, informative, and well-presented.

4. On the political map of India locate and label the following ÷

Minerals:

1. Major Coal producing states
2. Major Iron Ore producing states
3. Major Bauxite producing states
4. States and Capitals of India

5. Collect information and paste pictures of the people who currently hold the following important posts in India:

INSTRUCTIONS ÷

- Complete the project neatly in a notebook/copy or on A4 sheets
- Paste clear and labeled pictures.
- Write in neat and legible handwriting.

Arrange the information in proper sequence

Important Constitutional Posts

1. Speaker of the Lok Sabha
2. Chairman of the Rajya Sabha
3. Leader of the Ruling Party
4. Leader of the Opposition Party

- Add drawings, pictures, or color decoration.
- Write neatly on chart paper or an A4 sheet.
- Use your imagination and creativity.

8. COMPETENCY BASED QUESTIONS

Q1. Village used groundwater continuously without saving rainwater. After a few years, wells dried up. What lesson does this situation teach?

Q2. Muhammad bin Tughlaq introduced "token currency" by declaring copper coins to have the same value as gold or silver. Although the document calls this a "progressive idea," why did it lead to an economic decline in the 14th century?

Q3. While some rulers like Aurangzeb ordered the destruction of temples and reimposed discriminatory taxes, others like Akbar established a "house of translation" to translate Sanskrit texts like the *Mahabharata* into Persian. How did these two opposing approaches to religion affect the long-term stability of the Mughal Empire?

Q4. What challenges did the Marathas face immediately after Shivaji's death?

Q5. What role did the Bhakti saints play in shaping Maratha society?

Q6. India changed the minimum age for voting from 21 to 18 in 1988. Do you think this was a good decision? Why?

Q7. Riya says that only educated people should be allowed to vote because they can make better decisions. Do you agree? Give reasons based on the idea of universal adult franchise.

Q8. How did Sikkim become a model for sustainable farming?

Q9. Explain how overuse of groundwater created problems in Punjab.

Q10. Why are skills important in today's economy?

Q11. Why are land, labor, capital, and entrepreneurship called factors of production?

5. Members of the Prime Minister's Cabinet
6. President of India
7. Governor of Your State
8. Chief Minister of Your State

For each post, students should write:

Name of the person holding the post

Photograph of the leader

Duties and responsibilities of the post

Interesting facts or achievements

State or political party (if applicable)

6. Compose a nationalistic poem that motivates the people of our country to fight against the modern social evils and challenges affecting society.

Students may write their poem on any one or all of the following topics:

- | | |
|---------------|----------------------|
| 1. Dowry | 2. Bribery |
| 3. Corruption | 4. Violence |
| 5. Terrorism | 6. Unemployment |
| 7. Price Rise | 8. Pollution |
| 9. Illiteracy | 10. Social Injustice |

Your poem should:

- Reflect patriotism and love for the nation
- Spread awareness and positive thinking
- Encourage unity, honesty, and responsibility
- Inspire people to bring change in society
- Use creative and meaningful language

7. Make a "Future Newspaper"

Create one newspaper page from the year 2050. Give your newspaper a creative name. Include:

- | | |
|----------------------|------------------|
| ● Headlines | ● New inventions |
| ● Smart transport | ● Green cities |
| ● Jobs of the future | |

विषय - संस्कृत

1. प्रकृति-जुड़ाव एवं पर्यावरण (Nature-Connected Activity)

"पर्यावरण-रक्षक: अहम्" अपने घर के आसपास मिलने वाली 5 'औषधीय वनस्पतियों' (Medicinal Plants) की जानकारी एकत्र करें (जैसे: नीम, तुलसी, एलोवेरा)। उन पौधों की पत्तियां चिपकाएं और उनके औषधीय गुणों को संस्कृत के छोटे वाक्यों में लिखें। (तुलसी का पौधा वायु शुद्ध करता है।)

2. कल्पना आधारित अधिगम (Imagination-Based Learning)

"अन्तरिक्ष-यात्रा" (Space Travel) कल्पना करें कि आप ग्रहों के बीच पहुँच गए हैं। वहां के दृश्य का एक सुंदर चित्र बनाएँ। उस चित्र में ग्रहों के नाम संस्कृत में दें।

3. खेल-विधि (Play-way Method: Learning by Doing)

"धातु-रूप" कार्ड पर (Flashcards) रंगीन चार्ट पेपर कार्ड के आकार के 10 प्लैशकार्ड्स बनाएँ। एक तरफ 'धातु' (जैसे: पठ्, गम्, लिख्) लिखें और दूसरी तरफ उसके 'लृटलकार' (Future Tense) के रूप लिखें।

4. रचनात्मक अभिव्यक्ति (Creativity & Expression)

"संस्कृत-पत्रिका" (Sanskrit Magazine) 4 पेजों की एक छोटी हस्तलिखित पत्रिका (Mini Magazine) तैयार करें। कोई 3 श्लोक अर्थ सहित 2 पहेलियाँ, 2 साक्षात्कार (Interview) अपने माता या पिता का एक छोटा सा इंटरव्यू संस्कृत में लें (जैसे: भवतः नाम किम्? भवतः प्रियं भोजनं किम्?)।

Subject - Computer Science

Activity 1 - Cyber Safety Awareness

Prepare a colourful awareness sheet on “Rules for Safe Internet Use”

- Include Strong passwords, Avoid strangers online, Do not share OTP/password, Safe websites
- Add drawings or symbols.

Activity 2 - Spreadsheet Activity

Create a simple table of “My Daily Summer Routine”

- Add Columns - Time, Activity, Duration
- Students may prepare it in notebook or In MS Excel/Google Sheets

Activity 3 - Coding Imagination

Write any 10 instructions for a robot to “Make a Cup of Tea”.

Activity 4 - Technology in Agriculture

Collect information on “How computers and technology help farmers.”

- Examples -Weather forecasting, Smart irrigation, Online selling
- Write 5–6 lines and paste pictures on showing the topic

Activity 5 - Creative Presentation

Prepare a presentation on topic “My Favourite App”

- Include Name of app, Uses, Advantages, Safety precautions
- Students may draw mobile screens creatively.

Activity 6 - Create a Computer Dictionary

Make a mini “Computer Vocabulary Book”.

Write meanings of any 25 computer terms.

Examples - CPU, Browser, Internet, Password, Antivirus AI

Decorate each page creatively

Activity 7 - Digital Detox Challenge

Topic: "Healthy Use of Technology"

Observe your daily screen time for 5 days and prepare a small table:

Day	Screen Time	Purpose

Also, Write -

- What you learned from this activity ?
- How can students balance study and screen time ?

Activity 8 - Technology Interview

Interview any one person :-

Teacher, Parent, Shopkeeper, Farmer, Office worker

Ask the following questions:-

- How do they use computers/mobile phones ?
- How has technology helped them ?
- What problems do they face ?

Write answers neatly in a notebook.

Activity 9 - Create a Computer Dictionary

Make a mini "Computer Vocabulary Book".

Write meanings of any 25 computer terms.

- Examples - CPU, Browser, Internet, Password, Antivirus, AI
- Decorate each page creatively.

Project Work (2 -3 Pages)

Topic: "Artificial Intelligence in Daily Life"

Include -

- Introduction to AI
- Uses of AI
- AI at home/school/hospitals
- Advantages and disadvantages
- Future of AI
- Add pictures and examples.

Subject - General Knowledge

1. Write any 5 current national or international affairs/news updates.
2. Write the names of the following:
 - Current President of India
 - Current Prime Minister of India
 - Chief Minister of your State
3. Paste or draw logos of any 5 international organizations and write one line about each:
 - United Nations (UN)
 - UNESCO
 - World Health Organization (WHO)
 - NASA
4. Make a "News Diary" for 7 days. Write one important national or international news headline daily.
5. Make a collage of any 10 famous personalities from the fields of:
 - Sports
 - Science
 - Literature
 - Music
 - Politics

Write 2 lines about each personality.

Examples:

- A. P. J. Abdul Kalam
- Neeraj Chopra
- Lata Mangeshkar
- Kalpana Chawla

6. Write about 10 Indian States with the following details:

- State
- Capital
- Famous Food
- Famous Festival

Examples:

- Punjab
- Chandigarh
- Baisakhi
- Rajasthan
- Jaipur
- Desert Festival
- Kerala
- Thiruvananthapuram
- Onam

7. Make a poster on any one topic:

- Save Environment
- Digital India
- Clean India

8. Prepare 20 GK questions with answers.

Examples:

Q. Which planet is called the Red Planet ?

— Mars

Q. Who invented the telephone ?

— Alexander Graham Bell

9. Collect and write:

- 15 Amazing World Facts
- 10 Facts about India


10. Write 5 important points about each topic:

- Indian Independence Movement
- Solar System
- Environmental Science

11. Answer the following questions:

- Which is the national animal of India?
- Who wrote the Indian National Anthem?
- Which gas do plants absorb from the atmosphere?
- Which is the tallest mountain in the world?
- Name the largest ocean in the world.


12.



GK PUZZLE

FIND THE HIDDEN WORDS

Find and circle the words given below in the word search grid.



N	E	W	S	T	R	A	P
A	Q	U	I	Z	O	L	L
S	C	I	E	N	C	E	A
A	E	A	R	T	H	A	N
O	C	E	A	N	I	N	E
I	N	D	I	A	P	E	T
P	L	A	N	E	T	S	A
R	T	Y	U	I	O	P	S

WORDS TO FIND



- INDIA
- NASA
- PLANET
- EARTH
- OCEAN
- QUIZ
- SCIENCE
- NEWS

QUESTIONS

- 1 Which word is related to space research?
- 2 Which word means a test of knowledge?
- 3 Which word is the name of our country?

DID YOU KNOW?

Puzzles improve your vocabulary, concentration and problem-solving skills!



Subject – Music

1. Alankar Practice Activity

Practice the first seven Alankars (Sargams) daily.

Fun Task: Record your practice for any one Alankar and share it with your teacher after the vacation.

2. Musical Instrument Craft Activity

Make a colourful chart or model of any one musical instrument. Paste or draw related pictures

Include:

- Name of the instrument
- Parts of the instrument
- Type of instrument (string, percussion, wind, etc.)

3. Language Through Music

Learn a song in any language other than your mother tongue. Two lines of the lyrics in beautiful calligraphy on an A4 sheet. You may decorate the sheet creatively.

Write:

- Name of the song
- Language of the song

4. Flash Card Activity – Basics of Music

Prepare colourful flash cards on the following musical terms:

- Sangeet
- Taal
- Swar
- Saptak

Write a short meaning and paste a small related picture or symbol on each card.

5. Famous Musician Research Activity

Prepare a small creative profile of any famous Indian singer or musician. Paste a picture of the artist.

Include:

- Name
- Birthplace
- Famous songs/compositions
- Achievements

6. Folk Music Exploration

Write the names of any two folk songs from Punjab or any other state. Paste related pictures.

Mention:

- State name
- Special features of the songs
- Occasion when they are sung

7. Rhythm Fun Activity

Write the names of any two Taals and their beats (Bol).

Example:

- Dadra Taal
- Keharwa Taal

Subject - Dance

THEORY WORK

Name any four classical dance forms of India with picture

write in detail about:

Modern revival of Indian classical dance

Write the following with bols and taali/khali:- Teentaal

Write short notes on any five:

Kaliya Daman

Govardhan Leela

Makhan Chori

Panghat Leela

Draupadi Cheer Haran

Bhasmasur Vadh

Compare folk dance and classical dance in your own words.

Write five qualities of a good dancer.

PRACTICAL WORK

Prepare a dance performance on devotional song

Simple spins (Chakkars) practice

Introduction to Teen Taal with clapping and counting

Simple footwork patterns in Kathak.

Subject - Art and Craft

Topic - Photo frame



Materials Required:

- Old newspaper sheets
- Glue
- Scissors
- Cardboard sheet
- Pencil and scale
- White chart paper,
- Decorative rolled newspaper flowers

Procedure:

- Take newspaper sheets and roll them diagonally to make long newspaper tubes.
- Apply glue at the ends to secure the tubes.
- Prepare several newspaper tubes of equal size.
- Take a rectangular cardboard sheet and draw the frame shape.
- Cut the center portion to create space for the photograph.
- Paste newspaper tubes along all four sides to make the frame border.
- Add extra layers of tubes around the border for a raised effect as shown.
- Roll small strips of newspaper into spiral flower shapes.
- Paste the newspaper flowers on one side of the frame for decoration.
- Paste the photograph at the back and attach a hanging thread or stand.

Topic - Poster on Earth Day

Draw the poster on A3 size drawing sheet and colour it desired colour with any medium.



Topic - Poster on Sunset Scene

Draw the poster on A3 size drawing sheet and colour it desired colour with any medium.



Topic – Wall Hanging



Materials Required:

- Ice cream sticks
- Acrylic Colour-black
- Newspaper
- Coloured craft paper
- Glue
- Scissors
- Circular card board
- Decorative pearls or beads
- Pencil and ruler

Procedure:

- Take a circular frame in the center using cardboard and paste ice cream sticks over it in a circular pattern, spreading them outward like sun rays to create the outer base.
- Take newspaper sheets and roll them diagonally to make long newspaper tubes.
- Paste newspaper tubes in a criss-cross pattern to form a lattice (net) design in the center.
- Cut flower petals and leaves from colourful craft paper.
- Fold and paste petals together to make colourful flowers. Add pearls in the centre of each flower.
- Roll thin strips of coloured paper tightly to create spiral paper roses.
- Paste flowers, leaves, and paper roses around the circular frame as shown.
- Allow it to dry completely and attach a thread at the back for hanging.



श्री शिव रुद्राष्टकम्



नमामीशमीशान निर्वाणरूपं विभुं व्यापकं ब्रह्म वेदस्वरूपम् । निजं निर्गुणं निर्विकल्पं निरीहं, चिदाकाशमाकाशवासं भजेऽहम्॥
निराकारमोङ्कारमूलं तुरीयं, गिरा ग्यान गोतीतमीशं गिरीशम्। करालं महाकाल कालं कृपालं, गुणागार संसारपारं नतोऽहम्॥2॥
तुषाराद्रि संकाश गौरं गभीरं, मनोभूत कोटि प्रभा श्री शरीरम्। स्फुरन्मौलि कल्तोलिनी चारु गंगा, लसद्भालबालेन्दु कंठे भुजंगा॥3॥
चलत्कुंडलं भ्रू सुनेत्रं विशालं, प्रसन्नाननं नीलकंठं दयालम्। मृगाधीशचर्माम्बरं मुंडमालं, प्रियं शंकरं सर्वनाथं भजामि ॥4॥
प्रचंडं प्रकृष्टं प्रगल्भं परेशं, अखंडं अजं भानुकोटि प्रकाशम् । त्रयः शूल निर्मूलनं शूलपाणिं भजेऽहं भवानिपतिं भावगम्यम्॥5॥
कलातीत कल्याण कल्पान्तकारी, सदा सज्जनानन्ददाता पुरारी। चिदानन्द संदोह मोहापहारी, प्रसीद प्रसीद प्रभो मन्मथारी॥6॥
न यावद् उमानाथ पादारविन्दं, भजंतीह लोके परे वा नराणाम्। न तावत्सुखं शान्ति सन्तापनाशं, प्रसीद प्रभो सर्वभूताधिवासम्॥7॥
न जानामि योगं जपं नैव पूजां, नतोऽहं सदा सर्वदा शंभु तुभ्यम्। जरा जन्म दुःखौघ तातप्यमानं, प्रभो पाहि आपन्नमामीश शंभो॥8॥

हिंदी अर्थ

हे ईशान ! मैं मुक्तिस्वरूप, समर्थ, सर्वव्यापक, ब्रह्म, वेदस्वरूप, निजस्वरूप में स्थित, निर्गुण, निर्विकल्प, निरीह, अनन्त ज्ञानमय और आकाश के समान सर्वत्र व्याप्त प्रभु को प्रणाम करता हूँ। जो निराकार हैं, ओंकाररूप आदि कारण हैं, तुरीय हैं, वाणी बुद्धि और इन्द्रियों के पथ से परे हैं, कैलासनाथ हैं, विकराल और महाकाल के भी काल, कृपाल, गुणों के आगार और संसार से तारने वाले हैं, उन भगवान को मैं नमस्कार करता हूँ। जो हिमालय के समान श्वेतवर्ण, गंभीर और करोड़ों कामदेव के समान कान्तिमान शरीर वाले हैं, जिनके मस्तक पर मनोहर गंगा जी लहरा रही हैं, भालदेश में बाल चन्द्रमा सुशोभित होते हैं और गले में सपों की माला शोभा देती है। जिनके कानों में कुण्डल हिल रहे हैं, जिनके नेत्र एवं भ्रुकुटी सुन्दर और विशाल हैं, जिनका मुख प्रसन्न और कण्ठ नील है, जो बड़े ही दयालु हैं, जो बाघ की खाल का वस्त्र और मुण्डों की माला पहनते हैं, उन सर्वाधीश्वर प्रियतम शिव का मैं भजन करता हूँ। जो प्रचण्ड, सर्वश्रेष्ठ, प्रगल्भ, परमेश्वर, पूर्ण, अजन्मा, कोटि सूर्य के समान प्रकाशमान, त्रिभुवन के शूलनाशक और हाथ में त्रिशूल धारण करने वाले हैं, उन भावगम्य भवानी पति का मैं भजन करता हूँ। हे प्रभो ! आप कालरहित, कल्याणकारी और कल्प का अंत करने वाले हैं। आप सर्वदा सत्पुरुषों को आनंद देते हैं, आपने त्रिपुरासुर का नाश किया था, आप मोहनाशक और ज्ञानानन्दघन परमेश्वर है, कामदेव के आप शत्रु हैं, आप मुझ पर प्रसन्न हों, प्रसन्न हों। मनुष्य जब तक उमाकांत महादेवजी के चरणारविन्दों का भजन नहीं करते, उन्हें इहलोक या परलोक में कभी सुख और शांति की प्राप्ति नहीं होती और न उनका संताप ही दूर होता है। हे समस्त भूतों के निवासस्थान भगवान शिव! आप मुझ पर प्रसन्न हों। हे प्रभो! हे शम्भो! हे ईश! मैं योग, जप और पूजा कुछ भी नहीं जानता। हे शम्भो ! मैं सदा सर्वदा आपको नमस्कार करता हूँ। जरा, जन्म और दुःख समूह से संतप्त होते हुए मुझ दुःखी की दुःख से आप रक्षा कीजिये।

मूल मंत्र



ॐ (Ek Onkar): There is One God.
सति नाम (Sat Naam): God's name is Truth. God is True.
कर्ता पुरुष (Karta Purakh): He is the Creator.
निरभय (Nirbhav): He is without fear.
निरवैरु (Nirvair): He is without enmity.
अकाल मूरति (Akal Moorat): His form is timeless.
अजुनी (Ajooni): He is beyond birth & death.
सैबं (Saibhang): He is self-existent.



गुरु प्रसादि (Gur Prasaad): (Known) by the grace of the Guru



BHARTIYA VIDYA MANDIR SEN. SEC. SCHOOL

SEC-39, CHANDIGARH ROAD, LUDHIANA

CONGRATULATIONS!!!
CLASS-X RESULT (2025-26)

FIRST POSITION



ASHISH SINGH
97.2%



RIDHI SHARMA
97.2%



ARSHPREET SINGH
97.2%

SECOND POSITION



SHUBHNEET ARORA
97%



ANJEL
97%



GAURI
96.8%

WE ARE PROUD OF OUR ACHIEVERS ✨ KEEP SHINING AND REACHING NEW HEIGHTS! ✨

BHARTIYA VIDYA MANDIR SEN. SEC. SCHOOL

SEC-39, CHANDIGARH ROAD, LUDHIANA

CONGRATULATIONS!!!
CLASS-XII RESULT (2025-26)

HUMANITIES



KARISHMA MISHRA
96.8%



CHARANPREET KAUR
88.8%



PRANVEER SINGH
88.6%

COMMERCE



ADMAAN SAHI
93.6%



VANDIKA
89.6%



AADHYA
86.4%



MANMEET KAUR
86.4%

NON-MEDICAL



HIMANSHU SHARMA
95%



RAAMESH SINGH
93%



NITIN TINKER
90.6%

MEDICAL



TANMAY KUMAR
79.6%



ISHPREET KAUR
77.8%



SAHIL RAJ
70.6%

WE ARE PROUD OF OUR ACHIEVERS ✨ KEEP SHINING AND REACHING NEW HEIGHTS! ✨