



Sanskriti KMV SCHOOL

Summer Break Assignments Grade-VI (2026-27)

"Good habits and strong values nurtured today become the guiding light of a successful and meaningful tomorrow."

"Learn, Care, Share and Grow"

Dear Students,

Summer vacation is not merely a time to relax and rejuvenate; it is also a precious opportunity to explore new experiences, develop essential life skills, and grow into thoughtful and responsible individuals. Keeping this in mind, your Summer Break Assignments have been thoughtfully designed to enhance not only your knowledge but also your moral values and social awareness.

During these holidays, engage yourself in meaningful activities that inspire kindness, responsibility, compassion, and discipline. Learn to:

- * Feed and take care of birds and animals with love and sensitivity.
- * Keep your surroundings neat, clean, and environmentally friendly.
- * Help your parents in daily chores and show respect towards elders.
- * Practice honesty, punctuality, discipline, and responsibility in everyday life.
- * Develop the values of sharing, gratitude, empathy, and kindness towards others.
- * Limit screen time and create opportunities for heartfelt conversations and bonding, especially with grandparents.
- * Maintain a creative journal capturing memorable outings, celebrations, or simple joyful moments, along with the photographs.

Always remember that true education is not confined to books, examinations, and marks alone; it lies in becoming a good human being with a caring heart and noble character. Even the smallest act of kindness can bring a positive change to society and make the world a better place to live in.

We hope you complete these assignments with enthusiasm, creativity, and sincerity. Make this summer truly meaningful by learning new things, helping others, spreading happiness, and creating beautiful memories.

A few essential guidelines to be followed before proceeding towards the tasks assigned:

- ❖ All assignments must be completed with sincerity and submitted promptly after the vacation. Kindly ensure the work is neatly arranged in a well-labelled folder with the student's name, father's name, class, and section.

Happy Holidays!

ENGLISH

Grammar Check



Count Your Time



1. Sentences Scramble!

Arrange the words to frame the meaningful sentences.

1. forgot / locker / office / the / manager / lock / to / the
2. project / completed / group / time / the / on / their
3. because / cancelled / heavy / rain / match / was / the / of
4. strict / rules / museum / visitors / follow / must / the
5. always / advice / valuable / teacher / gives / our / us/to
6. unexpected / email / morning / client / an / sent / the / this
7. new / laptop / features / useful / has / many / this
8. recipe / carefully / followed / instructions / chef / the

Time Taken: _____



2.Sentence-Type Sort Chart

Match

Column A (Sentences).

1. Please pass the salt.
2. Wow, that fireworks display was amazing!
3. Penguins cannot fly, but they are great swimmers.
4. Did you remember to turn off the lights?

Column B (Sentence Types)

- Declarative (Statement)
Interrogative (Question)
Imperative (Command/Request)
Exclamatory (Strong Emotion)

Choose Correct One

a) What time should we leave for the airport?" This is an _____ sentence.

Interrogative sentence

Declarative sentence

Imperative sentence

Exclamatory sentence

b) Gabrielle is one of the best soccer players on her team." This is a _____ sentence.

Declarative sentence

Imperative sentence

Interrogative sentence

Exclamatory sentence

c) Anthony was riding a bike before he turned seven years old." This is a _____ sentence.

Declarative

Imperative

Interrogative

Exclamatory

Time Taken:

3.Sentence Shifter



Rewrite each sentence below into the new sentence type specified.

Note : Remember to use the correct punctuation mark at the end.

- 1.The water is freezing. (Change to Exclamatory)
- 2.Will you please turn off the lights? (Change to Imperative)
- 3.He can swim across the pool. (Change to Interrogative)
- 4.What an amazing goal he scored! (Change to Declarative)
- 5.You must complete your homework tonight. (Change to Imperative)
- 6.The package will arrive tomorrow morning. (Change to Interrogative)
- 7.Do not run in the hallway. (Change to Declarative)
- 8.This puppy is incredibly playful. (Change to Exclamatory)

Time Taken: _____



4.Word Magic: Changing Meanings with Prefixes and Suffixes”

Read the story carefully. Add suitable prefixes or suffixes to the root words to make meaningful story

Mira was a hope child who loved paint bright pictures.She was always care about her colors and tools.One afternoon, she met a help boy but he looked fear of the dark room.Mira made a plan to

light the place with small lamps. Her act of kind made the room cheer and bright again. The boy was thank to her. Her small effort turned a dark moment into a meaning memory.

Time Taken: _____

Note: Do the above given work in your English notebook (Grammar Side)



"Today's moments quietly turned into tomorrow's memories "

Let's make these memories permanent by inculcate the habit of Diary Writing.

The following is the sample one for Diary Writing.

Instructions:(Note down the following diary entry on the beautifully decorated coloured sheet and paste in your English Notebook (Grammar Side)

1. You were taken on a school trip to a Science museum. Record your experience in the form of Diary Writing not more than 150-160 words.

A Memorable School Trip

15th May 2026

9:00 PM

Dear Diary

Today was absolutely amazing! Our class went on a trip to the Science Museum. I woke up super early, filled with excitement. When we arrived, the building looked huge and full of secrets. My favorite part was the "Space Zone." I saw a model of a rocket and even tried a simulator that felt like walking on the moon. We also did a cool chemistry experiment where the liquid changed from blue to pink. At lunch, my friends and I shared our snacks and laughed a lot. I felt so happy to spend the day with them outside the classroom. I learned that science is not just in books—it is everywhere!. I am tired now but I will never forget this fun day. Goodnight,

[Your Name]

2. For Practice

Question: Last week, you attended your cousin's grand wedding celebration, filled with music, dance, and delicious food. Write a diary entry recording your experience, highlighting your favorite moments and how you felt spending time with your extended family. (Word limit: 150–160 words)

For practice follow the same pattern and writing instructions as given for sample one.

AIL Activity

Crops of Punjab and Odisha — “Crop Wheel Map”

Write five or six major crops grown in Odisha in half of the wheel and

Write five or six major crops grown in Punjab on another half of the wheel.

MATHS

General Instructions:

- Use an A4 file or loose sheets.
- Draw neat diagrams using ruler and colours.
- Write all activities in your own handwriting.
- Make the assignment creative and activity-based.
- Attempt all questions.

WORKSHEET 1 - PATTERNS IN MATHEMATICS

A. Fill in the blanks



1. 3, 6, 9, 12, ___
2. 2, 4, 8, 16, ___
3. 1, 4, 9, 16, ___
4. 5, 10, 15, ___, 25
5. 11, 22, 33, ___

B. Find the rule and complete

1. 7, 14, 21, ___, ___
2. 1, 3, 6, 10, 15, ___
3. 2, 5, 10, 17, ___
4. A, C, E, G, ___
5. 20, 18, 16, ___, ___

C. Answer the following

1. What are square numbers?
2. Write the first 5 triangular numbers.

- 
- 
3. Create one number pattern of your own.
 4. Identify the pattern: 1, 8, 27, 64, ____

WORKSHEET 2 – LINES AND ANGLES

A. Define

1. Ray
2. Line segment
3. Perpendicular lines
4. Intersecting lines

B. Identify the type of angle

45°, 90°, 120°, 180°

C. Answer the following

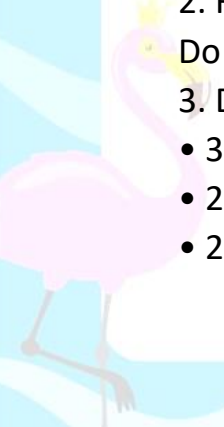

1. How many angles are formed when two lines intersect?
2. Can two lines intersect at more than one point?
3. Draw:
 - A pair of Perpendicular lines
 - A pair of intersecting lines

D. Observe and answer

Find objects around you having:

- Perpendicular lines
- Acute angles
- Right angles
- Obtuse angles

WORKSHEET 3 – HOTS WORKSHEET

1. If a pattern follows: 2, 6, 12, 20, 30 ...
What will be the 8th term?
 2. Ravi says all intersecting lines are perpendicular.
Do you agree? Give reason.
 3. Draw a design using:
 - 3 rays
 - 2 line segments
 - 2 acute angles
- 
- 



4. Matchstick Challenge:

If 4 squares require 13 matchsticks, how many matchsticks will 10 joined squares require?

WORKSHEET 4 – APPLICATION OF MATHS

1. The tiles in a hall are arranged in a repeating pattern:



Which shape will appear at the 20th position?

2. A ladder makes an angle with the ground.

Identify the type of angle formed if:

- the ladder is straight up
- the ladder is slightly tilted

3. Draw any classroom object showing:

- Perpendicular lines
- Intersecting lines

WORKSHEET 5 – ACTIVITY BASED

Pattern Art Activity

Task:

1. Create one border pattern
2. Create one rangoli pattern
3. Create one tessellation pattern

Also write:

- Repeating unit
- Type of pattern used

WORKSHEET 6 – MATHS CRAFT & EXPLORATION

I. **Make a “Maths Design Sheet”**

Using only:

- Lines
- 

- 
- Rays
 - Angles
 - Patterns

Create a creative design.

Materials:

- Scale
- Sketch pens
- Coloured paper

Write:

Which mathematical concepts did you use?

II. Angle Maker Activity

Using:

- Ice cream sticks/straws
- Split pin/clay

Make movable angles.

Show:

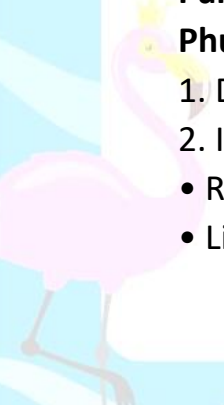
- Acute angle
- Right angle
- Obtuse angle
- Straight angle

WORKSHEET 7 – AIL (ART INTEGRATED LEARNING)

Punjab & Odisha Maths Connection

Part A – Punjab

Phulkari Pattern Study

1. Draw a small Phulkari-inspired design.
 2. Identify:
 - Repeating pattern
 - Lines used
- 

- Angles formed

Part B – Odisha

Pattachitra Border Design

1. Draw a traditional Odisha border pattern.
2. Observe and identify:
 - Parallel lines
 - Symmetry
 - Repeating units

Part C – Compare

FEATURE	PUNJAB ART	ODISHA ART
Type of pattern		
Lines seen		
Shapes used		

Reflection Question:

“How is Mathematics connected with the art and culture of Punjab and Odisha?”

SCIENCE

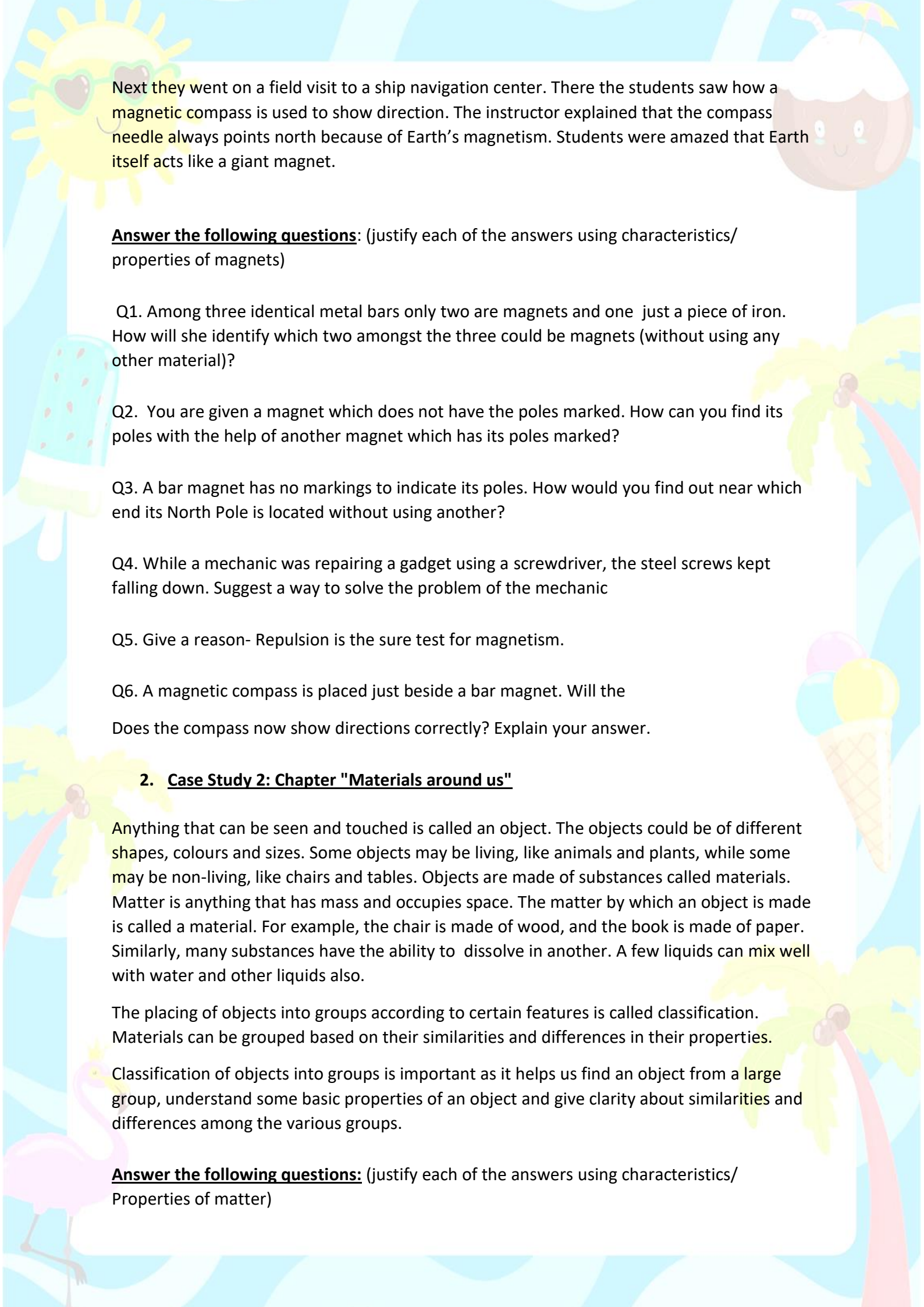
Instructions:

The science summer assignments consists of two case study, 1 art integrated project

- (i) Read the case based paragraphs and answer the questions in your **science copy**.
- (ii) The physical property chart has to be **drawn in the science copy**.
- (iii) Short video making
- (iv) The Art Integrated canvas, collage has to be **strictly of size A4 in ‘Landscape’**

1. Case study 1: chapter : "Exploring Magnets"

In a classroom activity, Aryan and his friends placed two bar magnets close to each other and noticed that sometimes they attracted, while other times they repelled. His teacher explained that magnets have poles and the behavior depends on which poles face each other. Aryan also learned that magnets can lose their magnetic power if not stored properly.



Next they went on a field visit to a ship navigation center. There the students saw how a magnetic compass is used to show direction. The instructor explained that the compass needle always points north because of Earth's magnetism. Students were amazed that Earth itself acts like a giant magnet.

Answer the following questions: (justify each of the answers using characteristics/properties of magnets)

Q1. Among three identical metal bars only two are magnets and one just a piece of iron. How will she identify which two amongst the three could be magnets (without using any other material)?

Q2. You are given a magnet which does not have the poles marked. How can you find its poles with the help of another magnet which has its poles marked?

Q3. A bar magnet has no markings to indicate its poles. How would you find out near which end its North Pole is located without using another?

Q4. While a mechanic was repairing a gadget using a screwdriver, the steel screws kept falling down. Suggest a way to solve the problem of the mechanic

Q5. Give a reason- Repulsion is the sure test for magnetism.

Q6. A magnetic compass is placed just beside a bar magnet. Will the
Does the compass now show directions correctly? Explain your answer.

2. Case Study 2: Chapter "Materials around us"

Anything that can be seen and touched is called an object. The objects could be of different shapes, colours and sizes. Some objects may be living, like animals and plants, while some may be non-living, like chairs and tables. Objects are made of substances called materials. Matter is anything that has mass and occupies space. The matter by which an object is made is called a material. For example, the chair is made of wood, and the book is made of paper. Similarly, many substances have the ability to dissolve in another. A few liquids can mix well with water and other liquids also.

The placing of objects into groups according to certain features is called classification. Materials can be grouped based on their similarities and differences in their properties.

Classification of objects into groups is important as it helps us find an object from a large group, understand some basic properties of an object and give clarity about similarities and differences among the various groups.

Answer the following questions: (justify each of the answers using characteristics/Properties of matter)

Q1. What do you mean by the lustre of a substance?

Q2. Differentiate soluble and insoluble substances with examples.

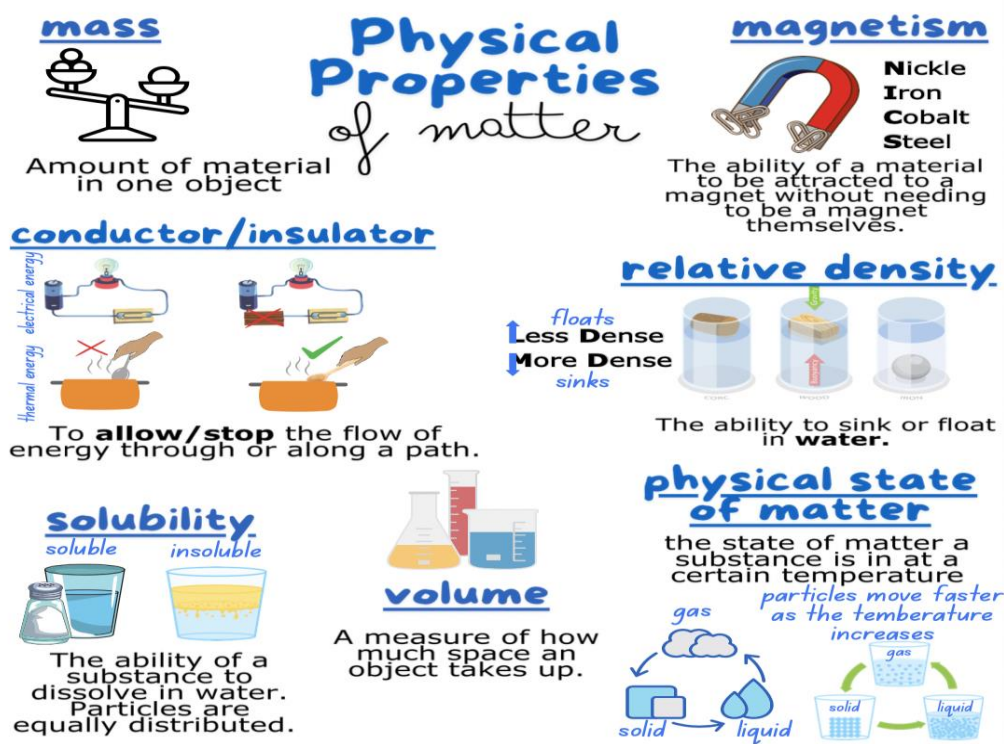
Q3. Give an example of

(i) an object that can be made of different materials.

(ii) Different materials used to make a same object

Q4. The containers which are used to store materials in shops and at home are usually transparent. Give a reason.

Q5. Draw the Physical property chart given below in your science copy. Choose any one physical property of substances and **create a short video** describing the property. You may use household articles for the same. Send the videos to your science teacher.



3. Art integrated project towards creating awareness of the industries of Punjab and Odisha

Create an A4 size split-page or dual-canvas collage celebrating the industrial backbone of both states.

Details: Represent Punjab's industry using real materials like cut-outs of wheat stalks and miniature hand-loomed fabric, sports goods, hand tools.

Represent Odisha with miniature models of steel plants (like Rourkela Steel Plant) combined with local Odisha Art and Crafts.

For decorating the borders, you may use patterns of traditional Phulkari, Chamba Rumaal, Patachitra motifs, cowry shells and threads.

SOCIAL SCIENCE

Activity-1

Do the following worksheets in Activity Oriented Worksheet booklet.

- i. Worksheet -1 (page number 3)
- ii. Worksheet -2 (page number 5)
- iii. Worksheet - 4 (page number 6)

Activity -2

Topic : Protecting the Ocean and Water Life

Objectives: To understand the importance of ocean and underwater life, the problem affecting them and ways to protect water resources for future.

Your project should include:-

- * Importance of oceans
- * Animals/ plants found underwater.
- * Human activities harming oceans.
- * Ways to keep oceans clean.
- * Sustainable Development goal " Life Underwater".
- * Government initiatives for cleaning rivers and oceans of India.

3. Add pictures, slogans, drawings

4. Project should be neatly done in a file

Activity -3

Do map skill pages as page number 5, 7,8 to 11, 15.

Activity -4

AIL Activity.

Topic: Archaeological sites of Punjab and Odisha

Instructions:

i. Prepare the AIL activity in Album form.

ii. Also include following sections :

- * Introduction
- * Pictures of Archaeological sites of Punjab and Odisha
- * Comparison table
- * Conclusion

iii. Mark Punjab and Odisha on Political Map of India.

iv. Write four to five lines of each sites.

Activity - 5

A. Define the following terms

1. Prime Meridian. 2. Geoid , 3. Longitudes, 4. Ancestors, 5 Epigraphist.

B. Answer the following questions in one word/ one sentence.

i. What are the types of maps?

ii. Who is the father of Indian Geography?

iii. State the latitudinal extent of India

iv. What is the longitude of India 's Standard Meridian?

v. State the Latitudinal extent of India.

vi. Name the three sources of history.

vii. Which period is known for the development of farming.

viii. How did early settlement affect the way people lived?

ix. What did early human use to build their homes in early settlements. ?

x. Who wrote Arthashastra?

3. Answer the following questions.

i. Differentiate between Lines of Latitudes and Longitudes.

ii. State the importance of a Globe.

iii. What is the role of an Archaeologist in the study of history?

iv. How did the invention of the wheel help in transportation?

v. What was the role of leaders or chieftains in early human societies?

HINDI

१ 'र' के तीनों रूपों (र्, ृ, ॄ) का उचित स्थान पर प्रयोग कीजिए -

मुदा	पूर्व	बिटिश	पर्यटक
संपदाय	धम	पतीक	
वषा			
आकषित	सौंदय	समपित	मेटो

२ जो शब्द वाक्यों या वाक्यांशों को जोड़ते हैं, उन्हें योजक शब्द कहते हैं।

जैसे - उसके पैरों के नीचे केले का छिलका आ गया और वह धड़ाम से गिर पड़ा।

इस वाक्य में 'और' योजक शब्द है।

सही योजक शब्द चुनकर रिक्त स्थानों की पूर्ति कीजिए :-

- (क) अक्षिता गाती है _____ नाचती नहीं। (तो/पर)
(ख) पुलिस चोर के पीछे भागी _____ उसे पकड़ न सकी। (परंतु/और)
(ग) बारिश नहीं आती _____ में जरूर आता। (लेकिन/तो)
(घ) अंकिता _____ आस्था, (और/परंतु)
(ङ) अंकित परिश्रम करो _____ अच्छे अंक। (तो/ताकि)

३ नीचे दिए गए शब्दों को शब्दकोश के क्रम से लिखिए -

(क) रास्ता गंदगी मक्खियों कूड़ेदान कागज

(ख) छिलका तुरंत दरवाजा कपड़ों दिन

(ग) निर्देश उपाय दूषित जाली सड़क

(घ) चमत्कार मेहनत वातावरण आदमी केला

४ रंगीन छपे शब्दों के सही विलोम पर (✓) का निशान लगाइए -

- (क) बदबू - गंदा [] खुशबू [] सुगंध []
(ख) साफ़ - सुथरा [] सफ़ाई [] गंदा []
(ग) बीमार - स्वस्थ [] रोग [] रोगी []

(घ) स्वच्छ - पवित्र []

साफ []

अस्वच्छ []

(ङ) भरा - भारी []

खाली []

बड़ा []

५ चित्रों के क्रम को ध्यान में रखते हुए कहानी लिखें -



बाँसुरी ऐसा वाद्य-यंत्र है जिसे फूँककर बजाया जाता है। फूँककर बजाए जाने वाले तीन वाद्य यंत्रों के चित्र बनाइए या चिपकाइए।

The worksheet features two large, empty rectangular boxes with dashed borders, intended for students to draw or paste pictures of three different wind instruments. The boxes are arranged in a 2x1 grid. The top box is slightly smaller than the bottom box. The background of the worksheet is white, and the text is written in a simple, clear font.

 क्रियाकलाप

निम्नलिखित खिलाड़ियों को पहचानकर उनके नाम तथा खेल का नाम लिखिए।

	नाम खेल		नाम खेल
	नाम खेल		नाम खेल
	नाम खेल		नाम खेल

८ हिंदी दिवस से संबंधित आकर्षक पोस्टर बनाएँ ।

९ कला एकीकृत गतिविधि (AIL) - उड़ीसा एवं पंजाब के स्वतंत्रता संग्राम में योगदान देने वाले एक - एक

क्रांतिकारियों के विषय में निर्देशानुसार अनुक्रमांक के अनुसार लिखिए ।

निर्देश - अनुक्रमांक 1 से 18 के विद्यार्थी पंजाब के क्रांतिकारी के विषय में जानकारी लिखें ।

अनुक्रमांक १९ से आगे के विद्यार्थी उड़ीसा के क्रांतिकारी के विषय में रोचक जानकारी दें।

PUNJABI

'ਆਪ ਕਾਜ ਮਹਾਂ ਕਾਜ'

1) ਵਰਨਮਾਲਾ ਦੀਆਂ ਵੱਖ ਵੱਖ ਟੋਲੀਆਂ ਨਾਲ ਸੰਬੰਧਿਤ ਵਰਨ/ ਅੱਖਰ ਲਿਖਦੇ ਹੋਏ ਵਰਨਮਾਲਾ ਪੂਰੀ ਕਰੋ।

ਲੜੀ ਨੰਬਰ	ਵਰਗ ਦਾ ਨਾਮ	ਅੱਖਰ
1		
2		
3		
4		
5		
6		
7		
8		

2) ਲਗਾਂ- ਮਾਤਰਾਵਾਂ ਦੇ ਨਾਮ ਲਿਖਦੇ ਹੋਏ ਅਤੇ ਉਹਨਾਂ ਦੇ ਚਿੰਨ੍ਹ ਬਣਾਉਂਦੇ ਹੋਏ ਦੇ-ਦੇ ਉਦਾਹਰਨਾਂ ਲਿਖੋ।

ਲੜੀ ਨੰਬਰ	ਲਗਾਂ ਦੇ ਨਾਮ	ਚਿੰਨ੍ਹ	ਸ਼ਬਦ
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

3) ਵਰਕਸ਼ੀਟ:- (ਹੇ ਅਧਿਆਪਕ, ਵਰਨ ਬੋਧ)

(i) ਸ਼ਬਦ ਅਰਥ:-

ੳ ਜਰਨਾ ਅ) ਕਿਸਮਤ ਘੜਨਾ

(ii) 'ਅਨੁਸ਼ਾਸਨ' ਸ਼ਬਦ ਦਾ ਵਾਕ ਬਣਾਓ।

(iii) ਖਾਲੀ ਥਾਵਾਂ ਭਰੋ:-

ੳ ਨੱਕ ਰਾਹੀਂ ਬੋਲੇ ਜਾਣ ਵਾਲੇ ਅੱਖਰ _____ ਅਖਵਾਉਂਦੇ ਹਨ।

ਅ) ਲਗਾਂ ਦੀ ਵਰਤੋਂ _____ ਨਾਲ ਹੁੰਦੀ ਹੈ, ਇਹ ਗਿਣਤੀ ਵਿੱਚ _____ ਹੁੰਦੀਆਂ ਹਨ।

ੲ) 'ਹੇ ਅਧਿਆਪਕ' ਕਵਿਤਾ ਵਿੱਚ ਮਾਲੀ ਸ਼ਬਦ _____ ਅਤੇ ਬੂਟੇ _____ ਸ਼ਬਦ ਵਰਤਿਆ ਗਿਆ ਹੈ।

ੳ) ਅਧਿਆਪਕ ਸਾਨੂੰ _____ ਅਤੇ _____ ਬਣਾਉਂਦੇ ਹਨ।

(iv) ਹੇਠਾਂ ਲਿਖੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ ਲਿਖੋ:-

ੳ) ਲਗਾਂ ਕੀ ਹੁੰਦੀਆਂ ਹਨ ?

ਅ) ਵਰਨ ਕਿਸ ਨੂੰ ਕਹਿੰਦੇ ਹਨ ?

ੲ) ਅਧਿਆਪਕ ਸਾਡੀ ਸਹਾਇਤਾ ਕਿਵੇਂ ਕਰਦੇ ਹਨ ?

ੳ) 'ਅਧਿਆਪਕ ਦਿਵਸ' ਕਿਸ ਦੀ ਯਾਦ ਵਿੱਚ ਮਨਾਇਆ ਜਾਂਦਾ ਹੈ ?

ੲ) ਸਭ ਤੋਂ ਕੀਮਤੀ ਖਜ਼ਾਨਾ ਕਿਹੜਾ ਹੈ ?

4) 'ਜੀਭ ਦਾ ਰਸ' ਪਾਠ ਪੜ੍ਹ ਕੇ ਦੱਸੋ ਕਿ ਤੁਹਾਨੂੰ ਰੋਜ਼ਾਨਾ ਦੀ ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਕਿਸ ਤਰ੍ਹਾਂ ਦੀ ਬੋਲ-ਚਾਲ ਬੋਲਣੀ ਚਾਹੀਦੀ ਹੈ।

ਮਿਠਾਸ ਭਰਪੂਰ ਬੋਲੀ ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਬੋਲ ਕੇ ਤੁਸੀਂ ਜ਼ਿੰਦਗੀ ਵਿੱਚ ਇੱਕ ਵਧੀਆ ਇਨਸਾਨ ਬਣ ਸਕਦੇ ਹੋ। ਇਸ ਵਿਸ਼ੇ ਉੱਤੇ ਦੋ ਤਿੰਨ ਮਿੰਟ ਦਾ ਭਾਸ਼ਣ ਤਿਆਰ ਕਰੋ।

5) ਨਿੱਜੀ ਪੱਤਰ-

ਤੁਸੀਂ ਆਪਣੀਆਂ ਗਰਮੀਆਂ ਦੀਆਂ ਛੁੱਟੀਆਂ ਵਿੱਚ ਪਰਿਵਾਰ ਸਮੇਤ ਭਾਖੜਾ ਡੈਮ ਅਤੇ ਸਤਲੁੱਜ ਦਰਿਆ ਵੇਖ ਕੇ ਆਏ ਹੋ, ਇਸ ਬਾਰੇ ਤੁਸੀਂ ਬਹੁਤ ਸਾਰੀ ਜਾਣਕਾਰੀ ਇਕੱਠੀ ਕੀਤੀ ਹੈ। ਇੱਕ ਪੱਤਰ ਲਿਖ ਕੇ ਆਪਣੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨਾਲ ਸਾਰੀ ਜਾਣਕਾਰੀ ਸਾਂਝੀ ਕਰੋ।

6) ਪਾਠ-6 ਸਤਲੁੱਜ ਪੜ੍ਹ ਕੇ ਦਸ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਆਪ ਬਣਾ ਕੇ ਲਿਖੋ।

7) ਪੰਜਾਬ ਅਤੇ ਉੜੀਸਾ (AII)

(i) ਚਿੱਤਰ ਵਰਨਣ



ਜਾਂ

(ii) ਘਰ ਵਿੱਚ ਪਈਆਂ ਪੁਰਾਣੀਆਂ ਚੀਜ਼ਾਂ ਦੀ ਵਰਤੋਂ ਕਰਦੇ ਹੋਏ ਇੱਕ ਸਜਾਵਟੀ ਤੋਹਫ਼ਾ ਬਣਾਓ।

8) (i) ਵਿਆਕਰਨ ਦੀ ਪੁਸਤਕ ਸੰਬੰਧੀ ਲੇਖ (ਪ੍ਰਦੂਸ਼ਣ, ਅਖ਼ਬਾਰ ਦੇ ਲਾਭ ਹਾਨੀਆ, ਕੰਪਿਊਟਰ, 15 ਅਗਸਤ) ਅਤੇ ਕਹਾਣੀਆਂ (ਲੁੰਬੜੀ ਅਤੇ ਕਾਂ, ਏਕਤਾ ਵਿੱਚ ਬਲ, ਬੁਰੀ ਸੰਗਤ) ਪੜ੍ਹੋ।

(ii) ਜਮਾਤ ਵਿੱਚ ਕੀਤੇ ਗਏ ਕੰਮ ਦੀ ਦੁਹਰਾਈ ਕਰੋ।

ਨੋਟ:-ਸਾਰਾ ਕੰਮ ਸਕਰੈਪ ਕਾਪੀ ਉੱਤੇ ਲਿਖੋ।

COMPUTER

Complete all work neatly in an A4 sheet and paste in notebook.

- Use colours, drawings, and creativity wherever possible.
- Attempt all worksheets.
- Submit the project work with proper headings and illustrations.

Algorithms and Flowcharts


Worksheet 1

Fill in the Blanks

1. A step-by-step solution to a problem is called an _____.
2. A _____ is a pictorial representation of steps.
3. The oval symbol in a flowchart represents _____ and Stop.
4. A rectangle symbol is used for _____.

Multiple Choice Questions

1. Which of the following is used to show decisions in a flowchart?
 Rectangle
 Diamond
 Circle
2. A flowchart helps us to:
 Confuse the steps
 Understand the process easily
 Draw cartoons
3. Which comes first in a flowchart?
 Stop
 Start
 Decision



4. Algorithms are written in:

- Step-by-step form
- Paragraph form
- Drawing form

Part C – Match the Following

Column A Column B

- 1. Oval a. Decision
- 2. Rectangle b. Start/Stop
- 3. Diamond c. Process

Part D – Write Algorithms

Write an algorithm for making lemonade or Maggi.

Artificial Intelligence

Introduction to AI

Artificial Intelligence (AI) is a technology that enables machines and computers to perform tasks that usually require human intelligence. AI can recognise voices, answer questions, recommend videos, and even help doctors and teachers. AI works using data and patterns.

Worksheet 2

A. Fill in the blanks

- 1. AI stands for _____.
- 2. Machines that can learn from data use _____.
- 3. Voice assistants like Siri and Alexa are examples of _____.
- 4. Humans have emotions, but machines do not have _____.
- 5. Self-driving cars use _____ to make decisions.

B. Tick (✓) the correct answer

- 1. Which of these is an AI application?
 Calculator Smart Speaker Pencil Notebook
- 2. Which of these can think creatively like humans?
 Robot Human Brain Camera Printer
- 3. AI mainly works with:
 Water Data Wood Paint

C. Match the following

- | | |
|-------------|---------------------------------|
| 1. AI | Secret code for safety |
| 2. Privacy | Repeated design or sequence |
| 3. Pattern | Human-made intelligence |
| 4. Password | Protecting personal information |

Human Intelligence vs Machine Intelligence

Human intelligence includes creativity, emotions, imagination, and decision-making. Machine intelligence helps machines perform tasks quickly and accurately using programming and data. Machines can process information fast, but humans can think creatively and emotionally.

Worksheet 3 – Comprehension

Riya asked her smart speaker to play music. The speaker understood her voice and played her favourite song. Riya wondered if the machine was as intelligent as humans. Her teacher explained that machines can follow instructions, recognise patterns, and process information quickly, but humans can think creatively, feel emotions, and make moral decisions. Machines depend on data and programming, while humans learn from experiences and emotions.

Answer the questions:

1. What did Riya use to play music?
2. Can machines feel emotions like humans?
3. Write one thing machines can do better than humans.
4. Write one thing humans can do better than machines.
5. What do machines depend on to work properly?

Automation and AI

Automation means machines perform tasks automatically by following fixed instructions. AI is more advanced because it can learn, analyse data, and make decisions. Example: A washing machine timer is automation, while a chatbot is AI.

Worksheet 4

Write “Automation” or “AI”:

1. Traffic lights changing automatically
2. Netflix recommending movies
3. Washing machine timer
4. Chatbot answering questions
5. Automatic school bell

Think and Answer:

1. How is AI different from automation?
2. Name one AI tool you use in daily life.

Short History of AI

Year	Development
1950	Alan Turing introduced the idea of intelligent machines.
1956	The term “Artificial Intelligence” was first used by John McCarthy.
1960s	Scientists created simple computer programs that could solve problems.
1997	A computer named Deep Blue defeated world chess champion Garry Kasparov.
2011	AI system Watson answered questions in a quiz competition.
Present Day	AI is used in schools, hospitals, farming, shopping, mobile phones, and transport.

AI Then and Now

Earlier AI	Modern AI
Basic computer programs	Smart assistants like Alexa
Could follow simple commands	Can learn from data
Limited use	Used in almost every field

Uses of AI Today

- Smart farming
- Online learning
- Weather prediction
- Hospitals and healthcare
- Traffic control
- Mobile apps and games

Worksheet 5

A. Fill in the blanks

1. AI stands for _____.
2. The term Artificial Intelligence was first used in the year _____.
3. _____ introduced the idea of intelligent machines.
4. Deep Blue defeated a world _____ champion.
5. Today AI is used in schools, hospitals, and _____.

B. Match the Following

Column A

Column B

1. John McCarthy
 2. Deep Blue
 3. Alan Turing
- a. Chess computer
 - b. Intelligent machines
 - c. Father of AI term

C. Answer the Following

2. Name two AI tools used today.
3. Write any two uses of AI.

Ethics, Privacy & Internet Safety

Ethics means using technology responsibly and fairly. Digital privacy means protecting personal information online. A digital footprint is the record of activities we leave on the internet. Internet safety includes using strong passwords, avoiding strangers online, and not sharing private information.

Worksheet 6

True or False:

1. Sharing passwords with strangers is safe.
2. AI should be used responsibly.
3. Your online activities create a digital footprint.
4. Strong passwords help protect accounts.
5. It is okay to share personal information publicly.

Create a strong password example. _____

Project

“My Smart Robot”

Draw a robot on A4 sheet that helps people.

Also Write on it:

- Robot Name: _____
- What work it does: _____
- How it helps people: _____

OR

AI Around Me

Observe your surroundings and identify 6 examples of AI used in daily life.

Create a table on A4 sheet (with following column headings):

AI Tool/Application	Where is it Used?	How Does it Help?	Paste pictures or draw illustrations.

AIL Activity

Create a colourful flowchart on any ONE topic:

- ✓ Growing Crops in Punjab
- ✓ Flood Safety in Odisha

PHYSICAL EDUCATION

(Practical Manual)

(A) Choose Any two Game

Kho- kho, hand ball, Basketball, Badminton, Volleyball and

1. History
2. Latest rule of the game
3. Terminology Only 5
4. Fundamental skills only 5
5. Important tournament
6. Playing field and equipments

(B) YOGA (page no.101 to 107).

History , Standing asanas, Sitting asanas, Lying asanas paste pictures related with asanas

G.K

1. Write down an editorial on Archaeological sites and historical monuments of India.

- * How to maintain the monument.
- * Paste the picture of monument.
- * It should be written on loose sheets in 200 words.

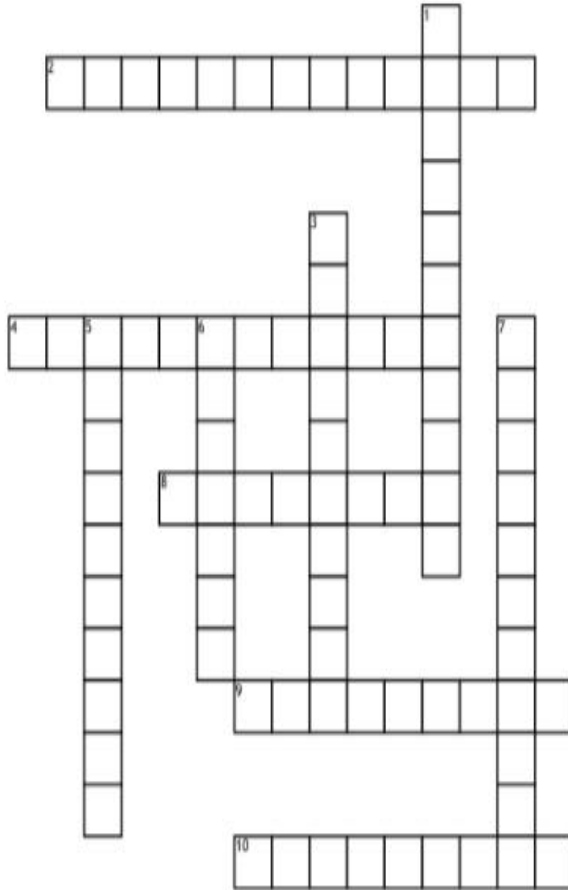
2. Assume you are news reporter.

- * Make a video clip while giving news. Video clip should be of two minutes in English language.
- * News should be covered national and international current affairs.
- * Send it on my WhatsApp number.

3. Write down the current affairs of June month in your notebook of Gk.

(Also paste the pictures of famous personalities who are in news recently or in the month of May and June 2026).

4. Solve the following crossword puzzle



Across

- 2. also known as Golden Fort
- 4. is a temple surrounded by a lake also known as 'Pool of Nectar'
- 8. one of the seven wonders of the world
- 9. built by Edwin Lutyens in 1921
- 10. built for women to see the outside world without being seen

Down

- 1. also known as Bahai House of Worship
- 3. largest mosque in India
- 5. a palace built by Maharaja Jagat Singh in 1743
- 6. oldest residential university in the world
- 7. marks the place where Lord Buddha gave away his first sermon

ART & CRAFT

HANGINGS

Kindly refer to the picture and prepare a beautiful hanging accordingly.

Write a motivational quote on nameplate.

- Size of Main Home Board: 35 cm × 13 cm
- Total Height: 35 cm (excluding chain hanging)
- Width: 35 cm

Make a keychain hanging of any size.



•Key chain hanging

Link:- https://youtu.be/jwD95Dk09UU?si=Rx5mbgbb_bmosLr



❁ Eco Club Summer Green Mission ❁

Theme for the Session

“Small Green Steps, Big Future Changes”

Eco Club Slogan

“Save Nature Today, Secure Tomorrow.”

Event Name



❁ “My Kitchen Garden Mission” ❁

Activity Details

Students will create a small kitchen garden at home using any one of the following:

- Pots
- Recycled bottles
- Trays
- Balcony space
- Terrace area
- Backyard soil

Students may select and grow:


- Coriander
- Mint
- Spinach
- Tomatoes
- Chillies
- Fenugreek
- Basil
- Any other seasonal vegetables/herbs

Student Tasks

Students Will Submit an Observation Report on an A4 Sheet:

📷 Paste 1–2 photographs while planting.

✍️ Write about:

- Weekly growth record
 - Plant grown
 - Duration taken for growth
 - Challenges faced during gardening
- 
- 