

ARMY PUBLIC SCHOOL, CHANDIMANDIR



- Encourage regular physical activities to help your child stay fit and energetic.
- Introduce them to interesting storybooks to build imagination and language skills.
- Let your child spend time outside exploring nature and observing the world around them.
- Offer fun materials for drawing, painting, or creating handmade items.
- Motivate your child to write daily entries—it's a great way to express thoughts and practice writing.
- Try this fun DIY—paint and decorate rocks to turn them into cute “pets.”
- Take time to look at the night sky, spot constellations, and talk about space.

ENGLISH

A) Watch movie or read the book "Blue Umbrella" and write a short review about it. You can follow the below pattern:-

- Who is the main character?
- What were your thoughts about the movie/ book?
- Did you enjoy watching/reading the movie/ book?
- What type of movie/ book was it—mystery, fiction, autobiography, or biography?
- What important lesson or message did you get from the movie/ book?

B) Do you think the cleverness shown by the fox in the poem The Fox and the Raven is similar to that of the couple in the story Rama to the Rescue? Compare and analyse their clever actions in your own words in about 60–70 words.

C) Read the poem "The Friends Prayer" from your literature book Poorvi and compose a small poem of 6-8 lines on friendship. You can decorate it as a card or a poster

D) Newspaper Hunt

Task 1:- Read at least 10 news articles. Write it's Date and heading. Identify the following in each news articles

- 4 Nouns
- 2 Verbs
- 1 Adjective

Task 2:- Create a mini word wall using at least 10 new words found in the newspaper. Write their meanings and use them in sentences of your own

E) Grammar Worksheet

Q1. Choose the correct homophone to complete the sentence.

1. I can't wait to see the ____ (sea / see).
2. The knight wore his heavy ____ (mail / male) armor.
3. Please write your name over ____ (there / their).
4. She ate the whole cake because it was too ____ (sweet / suite).
5. My dog hurt its ____ (paw / pour) on a rock.

Q2. Identify the type of sentence: Declarative, Interrogative, Imperative, or Exclamatory.

1. What are you doing over there? ____
2. Please close the window. ____
3. Wow! That was amazing! ____
4. I go to school by bus. ____

Q3. Write the correct contraction for each.

1. She is = ____
2. They are = ____
3. I will = ____
4. Do not = ____
5. You have = ____

Q4. Add the correct question tag.

1. You're coming to the party, ____?
2. He can't swim, ____?
3. She is tired, ____?
4. We won the match, ____?

*Revise PT-1 Syllabus

*Do your Homework in Separate Notebook.

SANSKRIT

1. गायत्री मंत्र को अंग्रेजी एवं संस्कृत में लिखें तथा याद करें । (Student Diary Page no 37)

2. कोई पाँच ईश्वर स्तुति प्रार्थना मंत्र याद कीजिए एवं सुनाईये । यूट्यूब से सहायता ले सकते हैं ।

आवश्यक निर्देश :-

- सभी लिखित कार्य संस्कृत नोटबुक में ही करें ।
- इकाई परीक्षा । के पाठ्यक्रम की पुनरावृत्ति कीजिए ।
- अवकाश कार्य के अंक subject enrichment में दिए जाएंगे ।

SCIENCE

1. Identify the Nutrients in your meal

- Record your lunch for three consecutive days. Draw a table listing the food items eaten, their components, and the nutrients present in them.

2. Explore Plants and Animals in your surroundings

- Choose any five animals and classify them in a table based on their habitat, type of movement, body parts used for movement, and their feeding habits.
- Choose any five plants and classify them in a table according to the nature of their stem, their height, arrangement of branches, and name of the plant group.
- Draw or paste pictures of the animals and plants you have selected alongside.

3. Topics for Self-Study from Chapter 3 : Mindful Eating : A Path to Healthy Body

- Different Types of Test for Starch, Fats and Proteins
- Millets - Nutrition Rich Cereals
- Food Miles
- Balanced diet

Go through the Questions (Page no. 56 and 57) at the end of Chapter 3 : Mindful Eating : A Path to Healthy Body in the NCERT book and write the answers in your holiday homework notebook.

Revise the Syllabus for Periodic Test - 1.

Note: Holiday Homework is to be done in a separate notebook (40 pages).

SOCIAL SCIENCE

1. Draw a rough map of your locality or your village, including your home , school and a few important landmarks in your social science notebook. Show the cardinal directions and use a few symbols to mark important features.
2. Mark Oceans and Continents on a world map. Paste the map in your notebook
3. Read lesson 13- The Value of Work and Lesson 14- Economic Activities Around Us.
4. Revise the syllabus for PT-1, Lesson 1, 2,3 and 4.

HINDI

प्रतिदिन हिंदी समाचार पढ़ें और A-4 साइज शीट पर सकारात्मक खबरों का एक कोलाज तैयार करें।

2. हरियाणा और तेलंगाना दोनों राज्यों को भारत के मानचित्र पर अंकित करके वहां की संस्कृति, खानपान, लोकनृत्य व रहन-सहन के बारे में चित्र चिपकाएं।

3. पाठ्य पुस्तक मल्हार के पृष्ठ - संख्या 72 पर जनवरी 2023 का कलेंडर को पढ़ें व समझें और उसके अनुसार जून 2025 का तिथि सहित नया हिंदी कलेंडर तैयार करें ।

4. पाठ्यपुस्तक के निम्नलिखित दोनों पाठों के आधार पर निर्देशानुसार कार्य करें ।

पाठ हार की जीत

(क) पाठ हार की जीत में आपको कौन सी बातें पसंद आईं 40 से 50 शब्दों में लिखें।

(ख) इस पाठ पर आधारित मुहावरे ढूंढकर लिखें व अर्थ सहित वाक्य बनाएं।

पाठ मेरी माँ

(क) रामप्रसाद बिस्मिल के मित्रों के चित्र चिपकाकर या स्वयं बनाकर नाम लिखें।

(ख) आर्य समाज/ गुरु गोविंद के बारे जानकारी एकत्र कर 60 से 80 शब्दों में अनुच्छेद लिखें।

5. छुट्टियों में आप कहाँ घूमने गए थे, अपने मित्र को उस स्थान के घूमने का अनुभव बताते हुए पत्र लिखें ।
6. कक्षा में कराया गया संपूर्ण कार्य पूरा कीजिए और प्रथम इकाई परीक्षा के लिए याद कीजिए।
(नोट - दिया गया सारा अवकाश कार्य एक अलग कॉपी बनाकर उसमें करें ।)

MATHS

- 1) Solve any 3 Sudoku puzzles (3×3 grid) from the newspaper and paste them in your holiday homework notebook.
- 2) Find prime numbers from 1 to 100 using Sieve of Eratosthenes. Refer page 113 in your textbook.
- 3) Make Rotating Arms using two paper straws and a paper clip and paste it in your holiday homework notebook. Refer page 25 of your textbook.
- 4) Make your own Protractor using tracing paper by referring to page 37 of your textbook.
- 5) Solve the worksheets based on Chapter-1 and 2 given below:

Worksheet No. 1 Patterns in Mathematics

Multiple Choice Questions (MCQs)

1. What comes next in the pattern: 2, 4, 8, 16, ___?
a) 24
b) 32
c) 30
d) 36
2. Identify the missing number in the pattern: 3, 6, 9, ___, 15, 18
a) 10
b) 11
c) 12
d) 14
3. Which of the following is an example of powers of 2 ?
a) 5, 10, 15, 20
b) 2, 4, 6, 8
c) 1, 4, 9, 16, 25
d) 2, 3, 5, 7, 11
4. The rule for the pattern 5, 10, 20, 40, ___ is:
a) Add 5 each time
b) Multiply by 2 each time
c) Add 10 each time
d) Subtract 5 each time
5. In a triangular pattern, the number of dots in each row follows the sequence: 1, 3, 6, 10, 15... What will be the 6th term?
a) 18
b) 20
c) 21
d) 24
6. The branch of mathematics that studies patterns in shapes is called -----.
a) Number Theory
b) Algebra
c) Geometry
d) Shape Sequence

Short Answer Questions

1. Identify the pattern and write the next three terms: **1,7,19**,__,__,_,__
2. Write the name of the sequence and rule for the pattern: **1, 4, 9, 16, 25, ...**
3. Why 36 is both triangular and Square number? Explain with the help of picture.

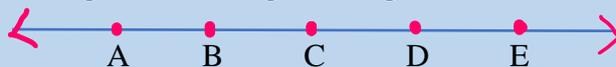
Long Answer Questions

1. Count the number of sides and number of corners in the pattern of Regular polygons. Which number sequence do you get? Explain pictorially.
2. Which sequence do you get when you start to add the counting numbers up? Explain pictorially.

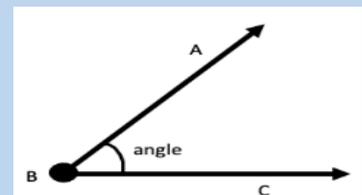
Worksheet No. 2 Lines and Angles

Multiple Choice Questions (MCQs)

1. Which of the following angles is the measure of acute angle?
a) 140°
b) 110°
c) 70°
d) 126°
2. The angle measure for one complete revolution is
a) 90°
b) 180°
c) 270°
d) 126°
3. The number of line segments in the given diagram.



- a) 10
b) 11
c) 9
d) 12
4. Which of the following doesn't represent the angle.
a) $\sphericalangle B$
b) $\sphericalangle ABC$
c) $\sphericalangle CBA$
d) $\sphericalangle CAB$
5. The measure of straight angle is:
a) 180°
b) 90°
c) 270°
d) 360°
6. The measure of an obtuse angle is.
a) $>$ right angle
b) $<$ right angle

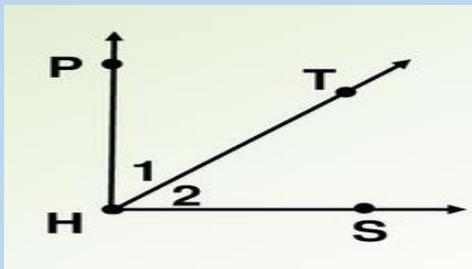


- c) =right angle
- d) =180°

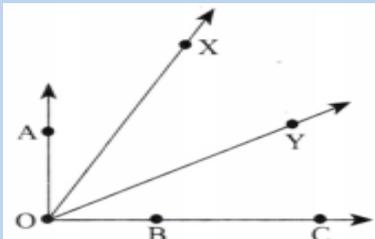
7. If the time is 12:15 then what is the measure of angle between hour and minutes hand?
- a)180°
 - b) 90°
 - c) 270°
 - d) 360°

Short Answer Questions

1. Draw a rough figure and write labels appropriately to illustrate each of the following.
 - a. Line OP and line OQ meet at O
 - b. Ray XY and Line PQ intersect at point M.
 - c. Line l contains points E and F but not D.
2. Name the angles marked in given figure.

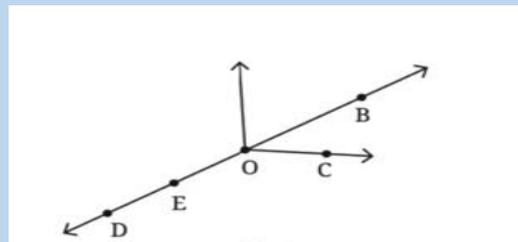


3. Which angle is greater: $\angle XOY$ or $\angle AOB$? Give reasons.



Long Answer Questions

1. Observe the adjacent figure and name the following
 - a. Five points
 - b. A line
 - c. Four rays
 - d. Five line-segments
 - e. Two angles.
2. Identify the measure of angle in each case of the following figure.



- 6) Self study : Study the basics of Chapter-4(Data Handling and Presentation) of your textbook.
 NOTE: Do all the above mentioned work(point 1 to 5) in a separate notebook of 40 pages.

COMPUTER

DIY Robot Project

Theme: "Build Your Own Robot"

Design and build a DIY Robot Model using simple and recycled materials available at home. You don't need to use any advanced tools or programming – just your imagination and basic supplies.

Easy Robot Ideas (Choose One):

1. Traffic Light Robot (Manual Control)

Materials: Cardboard, coloured paper (red/yellow/green), paper arms

1. Cleaning Robot (Manual)

Materials: Bottle caps (wheels), sponge/brush, cardboard box

Function: Push it to clean a surface using a brush or sponge.

2. Toy Delivery Robot (Push Model)

Materials: Matchbox, bottle caps, straws

Function: A robot that can carry small items (like an eraser or note) from one place to another.

Instructions:

Use recycled or safe household materials.

You may use basic electronics (battery, switch, LED, motor) if available – optional.

No soldering required – use tape or glue.

Worksheet (Take a printout or neatly write it in your computer notebook.)

Topic: Domains of Artificial Intelligence (AI)

Activity 1: Match the AI Domain to Its Example

AI Domain	Example
A. Data Science	1. Talking to Siri on your phone
B. Computer Vision	2. YouTube suggesting videos to watch
C. Natural Language Processing	3. Face unlock feature in smartphones

Your answers:

A - _____ B - _____ C - _____

2: Think and Write

1. Which domain of AI helps your phone recognize your face?

Answer: _____

2. Name one app that uses AI.

Answer: _____

3. Write one way AI helps students.

Answer: _____

3: Draw and Label

Draw a picture of a machine or gadget that uses AI (like Alexa, Smartwatch, or Self-driving Car) and label the AI domain it uses.
