

Summer is here! Let's make it count.
"Learning never takes a holiday — it simply takes a new shape."

Dear Parents,

Summer break is a wonderful opportunity to relax, recharge, and reconnect — not only with nature, family, and friends but also with the joy of learning in new and exciting ways.

As the most influential teachers in your child's life, your role in this time is invaluable. Let's make this summer meaningful, by blending fun with responsibility and curiosity with creativity.

We invite you to make this summer an enriching journey for your child by encouraging them to engage sincerely with the holiday assignments.

Instructions :

1. Motivate your child to complete the holiday activities independently with regular encouragement and support.
2. Promote neatness and discipline — explain the value of presenting clean, well-organized work.
3. Help them manage time wisely — set aside a fixed time daily to work on assignments so that the work gets completed gradually and stress-free.
4. All assignments must be completed as specified by the subject teacher.
5. All holiday work will be assessed under the Subject Enrichment category and will be part of internal assessment.
6. All completed activities/assignments must be submitted on Saturday, 10th July 2025 without fail.
7. A digital copy of the holiday homework will be shared via WhatsApp and will also be available on the school website: www.angels-school.com

Learning is not a task to complete, but a journey to enjoy. Let's ensure our children stay curious, constructive, and creative during the holidays.

Have a fun-filled, safe, and productive Summer Vacation!

ANGEL'S PUBLIC SCHOOL

CLASS – IX SESSION 2025 – 26

SUMMER VACATIONS HOLIDAY HOMEWORK

SUBJECTS	HOMEWORK
English	<p>Create a scrapbook-style journal that captures your personal experiences, memories, and creative expressions throughout the break. This project is a fun and reflective way to document your holidays and showcase your creativity.</p> <p>Project Title: “My Summer Break – A Scrapbook Journal”</p> <p>What Your Scrapbook Should Include:</p> <p>1. Cover Page :- (a) Title : My Summer Break – A Scrapbook Journal (b) Your name, class, and section (c) The cover must be handmade or printed, and creatively designed using drawings, cutouts, patterns, or digital prints (d) Make it colorful and eye-catching</p> <p>2. Diary Entries :- (a) Write at least 10 diary entries on different days of your summer break (b) Each entry should include: (i) The format (ii) A diary entry (about 100–150 words) about your day (iii) Your thoughts, emotions, and personal reflections (iv) 5 to 6 relevant pictures (these can be printed photos, drawings, magazine cutouts, or digital art)</p> <p>3. Creative Touches :- (a) Use handmade borders, small illustrations, stickers, quotes, or decorative headings (b) Each page should show your personal style and effort (c) Keep the scrapbook neat, colorful, and well-organized</p> <p>4. Final Page :- (Optional but Encouraged) (a) A small summary of what you learned or felt during your summer break (b) A thank-you note or reflection on how journaling helped you</p> <p>Let your scrapbook tell the story of your summer. Be honest, be creative, and most of all—have fun with it!</p>

Hindi	<p>(1) कला एकीकृत परियोजना (Art Integrated project) विषय :— दुनिया भर के पेय पदार्थ : नियमावली – A4 आकार के पेपर पर यह परियोजना कार्य करेंगे। विश्व के किन्हीं पाँच देशों के पेय पदार्थों को बनाने की विधि के बारे में जानकारी एकत्रित करके लिखें एवं चित्र भी चिपकाएं। इन सारे कार्यों में सुंदर लिखावर पर भी ध्यान दें।</p> <p>(2) Complete Portfolio file. [ATTACHMENT – I]</p>
Maths	<p>(1) Solve the attached worksheet.</p> <p>(2) Prepare an assignment file representing the data of 5 IPL matches using coordinate geometry on a graph notebook.</p> <p>(3) Problem: Expand and simplify the following algebraic expressions: $(a+b)^2$ $(a-b)^2$ $(a+b)(a-b)$ Extension: Derive the formula for the area of a square and rectangle using these identities.</p> <p>(4) Write 10 algebraic identities and solve 2 questions based on all identities. [ATTACHMENT : REVISION PRACTICE SHEET – II OF PT – I]</p>
Science	<p>(1) PHYSICS :— As you stepout to travel with your parents, note down the odometer readings after every 5 minutes. Record 5 such readings and make a hand drawn distance–time graph with explanation. Also note down the speed from the speedometer after every 5 minutes and calculate the average speed of your car.</p> <p>(2) CHEMISTRY :— Write the symbols of various elements, atomic mass of the elements and names and symbols of some ions. Also write the uses of some ionic compounds (refer L–3).</p> <p>(3) BIOLOGY :— Prepare a model to compare plant cell and animal cell using common household items like grains and pulses etc Complete the following activity in A4 sheet. Consider a cell like your school. Each part of the cell (school) has responsibilities that must be done and certain organelles (people) to do them. Identify the functions of the following parts of the cell then identify which person does the same job. First one is done as an example to follow: Part of School that has a similar function 1. Cell Membrane :— (Front office) : Function: Controls what goes in and out of the cell. 2. Mitochondria 3. Nucleus 4. Ribosome 5. Cytoplasm 6. Golgi Body 7. Cell Wall (only in plant cell) [ATTACHMENT : REVISION PRACTICE SHEET – III OF PT – I]</p>
Social Science	<p>Make an assignment on the topic "DISASTER MANAGEMENT" as per the instructions given below : (a) Introduction (b) Types of disasters (c) Causes (d) Remedies (e) Make a poster of any two kinds of disasters (Eg– Floods, Droughts).</p>
Punjabi	<p>ਪੰਜਾਬੀ ਸੱਭਿਆਚਾਰ ਤੇ ਅਧਾਰਿਤ ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਅਤੇ ਤਿਉਹਾਰ ਨਾਲ ਸੰਬੰਧਿਤ ਇਕ ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰੋ। ਜਿਸ ਵਿੱਚ ਚਿੱਤਰ ਸਹਿਤ ਮੇਲਿਆਂ ਅਤੇ ਤਿਉਹਾਰਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਜਾਵੇ।</p>

**[ATTACHMENT – I]
HINDI**



ANGEL'S PUBLIC SCHOOL

पोर्टफोलियो (PORTFOLIO)

सत्र 2025-26

नाम -

कक्षा -

अनुक्रमांक -



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विद्यार्थी की व्यक्तिगत जानकारी STUDENT'S PROFILE



- (1) विद्यार्थी का नाम :
- (2) प्रवेशांक नं० :
- (3) कक्षा :
- (4) अनुक्रमांक :
- (5) लिंग :
- (6) वर्ग :
- (7) जन्मतिथि :
- (8) मोबाइल नं० :
- (9) रक्त समूह :
- (10) भार :
- (11) लम्बाई (सेमी) :
- (12) आधार सं. :



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पारिवारिक सूचना

1. पिता का नाम :
- शैक्षणिक योग्यता :
- व्यवसाय :
2. माता का नाम :
- शैक्षणिक योग्यता :
- व्यवसाय :
3. अभिभावक :
- शैक्षणिक योग्यता :
- व्यवसाय :
4. परिवार के सदस्यों की संख्या :
5. भाई-बहन की संख्या :
6. परिवार की मासिक आय :
7. परिवार की आर्थिक स्थिति : APL / BPL
8. फ़ोन न. :
9. स्थाई पता :
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विद्यार्थी की अभिवृत्तियां

I. विद्यार्थी की पसंद का

1. काम -
2. खाने की वस्तुएं -
3. खेल -
4. घनिष्ठ मित्र -
5. जानवर -
6. विषय -
7. शौक -
8. प्रिय शिक्षक/शिक्षिका -
9. आप घर के किस सदस्य से ज्यादा प्यार करते हैं ?
10. किस चीज से आपको सबसे ज्यादा डर लगता है ?
11. जल्दी गुस्सा कब आता है ?
12. अपने मित्र के कौन-से गुण अच्छे लगते हैं ?

II. विद्यार्थी क्या बनना चाहता है ?

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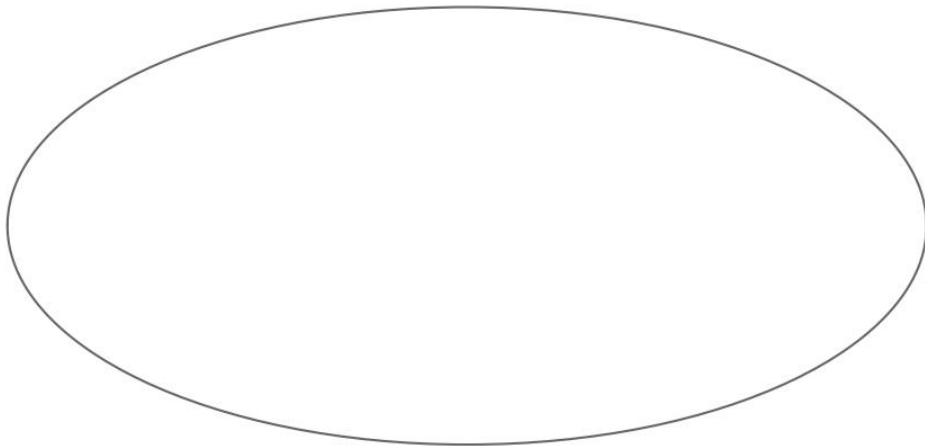
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मेरा मजबूत पक्ष & कमजोरी

मेरा मजबूत पक्ष
(MY STRENGTH)



मेरा कमजोर पक्ष
(MY WEAKNESS)



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मेरी शैक्षिक उपलब्धि

(MY ACADEMIC ACHIEVEMENTS)

पिछले सत्र का परीक्षा परिणाम (2024-25) :

विषय	अंग्रेजी	हिंदी	गणित	विज्ञान	सामाजिक विज्ञान
पूर्णांक					
प्राप्तांक					
प्रतिशत					

शैक्षिक व सहशैक्षिक गतिविधियों में मेरी उपलब्धि

(MY ACHIEVEMENT IN CURRICULAR AND CO-CURRICULAR ACTIVITIES)



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उपलब्धियों का रिकॉर्ड

(RECORDS OF ACHIEVEMENT)

(आपकी अपनी उपलब्धि का ब्लॉग, गीत, फोटोग्राफ, प्रमाण-पत्र, अखबार की कटिंग आदि का उल्लेख करें और चिपकाएं)



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क्रम-सूची (INDEX)

[illegible]

અનુચ્છેદ

परीक्षा का तनाव और उसका समाधान विषय पर 80 से 100 शब्दों में अनुच्छेद लिखिए।

This image shows a blank sheet of white paper with horizontal black ruling lines. The lines are evenly spaced and run across the width of the page, providing a template for handwriting practice or general writing. There are no margins, text, or other markings on the paper.

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अपने किसी भी मनपसंद विषय पर एक पोस्टर बनाइए।



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कोई भी एक चित्र चिपकाकर उसका वर्णन 20 से 30 शब्दों में कीजिए।



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छात्र प्रगति पत्र

क्रमांक	मासिक प्रगति-पत्र	पूर्णांक	प्राप्तांक	शिक्षक टिप्पणी
1.	अप्रैल			
2.	मई			
3.	जून			
4.	जुलाई			
5.	अगस्त			
6.	सितंबर			
7.	अक्टूबर			
8.	नवंबर			
9.	दिसंबर			
10.	जनवरी			
11.	फरवरी			
12.	मार्च			

विषय	सामयिक परीक्षा 1 40 अंक	अर्धवार्षिक परीक्षा 80 अंक	सामयिक परीक्षा 2 40 अंक	वार्षिक परीक्षा 80 अंक
हिंदी				

छात्र/छात्रा के हस्ताक्षर :

छात्र छात्रा के प्रति शिक्षक/शिक्षिका की राय :

शिक्षक/शिक्षिका के हस्ताक्षर :



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[PRACTICE SHEET NO.-II]

MATHEMATICS

1. Insert a rational and irrational number between 2 and 3.
2. Find three rational numbers between $\frac{1}{2}$ and $\frac{1}{3}$.
3. Evaluate the following by using identities:
(a) $(3x+1)^3$ (b) $(2/3x+3)^2$
4. Write two examples of a monomial and binomial.
5. Write the coefficient of x in the expansion of $(x+3)^3$.
6. For the polynomial $p(x) = 2x^3+6x^2-2x+9$ find $p(-1)$.
7. Find the value of a if $x-1$ is a factor of $2x^2+ax+\sqrt{2}$.
8. Factorise: $4a^2-9b^2-2a-3b$.
9. Find the remainder when $3x^3-4x^2+7x-5$ is divided by $(x-3)$.
10. If $a+b = 13$ and $ab = 25$, find the value of a^3+b^3 .
11. Plot the following on a graph paper:
(a) (3,4) (b) (-6,-7) (c) (2,0) (d) (7,1)
12. Write three solutions of the equation $x+2y= 11$.
13. In which quadrant does the following points lie:
(a) (-2,0) (b) (4,2) (c) (2,5) (d) (3,-1)
14. The points with coordinates $(6, \frac{1}{3})$ and $(6, -\frac{1}{3})$ lie on a line, parallel to which axis?
15. If X,Y,Z are three points on a line and Y lies between X and Z. Then prove that $XY+ YZ= XZ$.
16. Find the value of 104×96 by using an identity.
17. Find the zero of the polynomial x^2-25 .
18. If $a+b+c= 7$ and $ab+bc+ca = 20$, find the value of $a^2+b^2+c^2$.
19. Find the product of $\sqrt{10} \times \sqrt{15}$.
20. If $x = 3+2\sqrt{2}$, find the value of $(x+ 1/x)$.
21. Represent $\sqrt{2}$ on the number line.

[PRACTICE SHEET NO.– III]

CHEMISTRY

- Q1.** Both the process of evaporation and boiling involves the change of state from liquid to gas but still they are different from each other. Justify.
- Q2.** The boiling point of alcohol is 78 deg C. What is this temperature on Kelvin scale?
- Q3.** What happens to the temperature of a substance during change in state?
- Q4.** Why do liquids flow but solids do not?
- Q5.** A spoon full of sugar is added to a 100 ml beaker containing water and stirred. State two observation you will make.
- Q6.** Some camphor is taken on a watch glass and heated gently.
- (a) What do you observe? (b) Name the process taking place.

PHYSICS

Choose the correct option for each question.

- Which of the following is the correct unit of velocity?
(a) m^2/s (b) m/s (c) m/s^2 (d) km^2/h
- Which of these is a scalar quantity?
(a) Displacement (b) Velocity (c) Speed (d) Acceleration
- If an object moves in a circle with constant speed, its motion is said to be:
(a) Uniform linear motion (b) Uniform circular motion
(c) Non-uniform motion (d) Oscillatory motion
- A car travels 60 km in 2 hours and then 90 km in the next 3 hours. What is the average speed of the car?
(a) 25 km/h (b) 30 km/h (c) 35 km/h (d) 40 km/h
- Acceleration is defined as:
(a) Rate of change of speed (b) Rate of change of displacement
(c) Rate of change of velocity (d) Total distance travelled in a unit time
- The slope of a velocity-time graph gives:
(a) Distance (b) Displacement (c) Speed (d) Acceleration
- If the velocity of an object changes from 20 m/s to 30 m/s in 5 seconds, the acceleration is:
(a) 2 m/s^2 (b) 5 m/s^2 (c) 10 m/s^2 (d) 0 m/s^2
- A body starts from rest and accelerates uniformly at 4 m/s^2 . Find:
(a) The velocity after 5 seconds (b) The distance covered in that time
(c) The velocity after covering 100 meters