

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 – X SESSION 2025 – 26

SUMMER VACATIONS HOLIDAY HOMEWORK

SUBJECT	HOMEWORK
English	<p>Create a Mid-Year School Magazine that reflects the most important moments and events from January to June 2025.</p> <p>Your Magazine Must Include:</p> <ol style="list-style-type: none"> Cover Page :- (a) Title: Mid-Year School Magazine 2025, (b) Your name and class (c) A creative image or illustration (hand-drawn or digital) Editorial Article <ol style="list-style-type: none"> A personal reflection on how you felt during the past six months Share your experiences, challenges, and highlights Sign it as Editor at the end Monthly Highlights (Jan–June 2025) <ol style="list-style-type: none"> Provide a short summary of one important school, national and global event that happened each month Include photos or illustrations where possible Interview with a Special Person <ol style="list-style-type: none"> Interview a teacher, school staff member, classmate, or family member (b) Ask about their experiences, thoughts on current events, or advice to students (c) Present it in Q&A format or as a narrative story Fun Facts Page <ol style="list-style-type: none"> Include at least 10 fun facts from any area (science, history, pop culture, school trivia, etc.) (b) Make it colorful and interesting Picture Gallery <ol style="list-style-type: none"> Include 8–10 photos or drawings from school events, activities, or special memories from Jan–June (b) Give each photo a short caption Student's Choice Segment (Optional) <p>Add your own creative section! You can include: (a) A poem or short story (b) A comic strip (c) A review of a book, movie, or game (d) A recipe or DIY project (e) Anything you enjoy</p> Operation Sindoor – A Special Report <ol style="list-style-type: none"> Write a news-style article about Operation Sindoor, the major military operation carried out by the Indian Armed Forces against terrorism and hostile activity from Pakistan (b) Include the background of the operation, key outcomes, and its impact on national security (c) You may include quotes from leaders or military officials (real or fictional for creative purposes), real life stories, or symbolic illustrations Submission Guidelines <ol style="list-style-type: none"> Submit your magazine as a handmade or printed version (b) Format it neatly with clear headings and design (c) Deadline: First Day after Summer Break <p>• Creativity, grammar, and effort will be evaluated</p>

Hindi	<p>(1) कला एकीकृत परियोजना (Art integrated project) विषय :- पंजाब और उड़ीसा । नियमावली :- A4 आकार के पेपर पर यह परियोजना कार्य करेंगे, पंजाब और उड़ीसा क्षेत्र की भौगोलिक स्थिति, लोक संस्कृति, लोक नृत्य, संगीत, वेशभूषा, खानपान, रहन – सहन, बोली एवं भाषा पर परियोजना तैयार करें 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. Prepare an assessment test of 80 marks from Chapter -1,2,3 7 and 14 and solve it. Assessment test must include 20 MCQ questions and 2 case based questions.</p> <p>2. Select 5 pairs of linear equations in 2 variables and solve them graphically and algebraically (Using Substitution and Elimination)</p> <p>3. Select 5 pairs of composite numbers and find their HCF and LCM.</p> <p>4. Solve the attached worksheet.</p> <p style="text-align: right;">[ATTACHMENT : REVISION PRACTICE SHEET – II OF PT – I]</p>
Science	<p>(1) Biology- (1) Make a working model on respiratory system (Roll no 1-10) (2) Make a 3D model of stomata (Roll no 11 -20) (3) Make a working model on circulatory system (Roll no 21-30) (4) Make a working model of haemodialysis (artificial kidney) (Roll no 31 -40)</p> <p>(2) PHYSICS :-</p> <p>(a) Write an activity how to distinguish between a plane mirror, concave mirror and convex mirror. (b) Write two uses of each for a convex, Concave and plane mirror. (c) Draw all the ray diagram of a concave mirror for different position of the object showing nature, Position and size. (d) Problem solving facts of numerical based on. (i) $\frac{1}{v} + \frac{1}{u} = \frac{1}{f}$ (ii) $m = \frac{h_2}{h_1} = -\frac{v}{u}$ Day any six numerical (3 for Convex mirror & 3 for Concave mirror.)</p> <p>(3) Chemistry :- (a) Write 20 balanced chemical equations. (b) write five colour changing reactions. (c) Collect five sample each of acids, basis and salt which we use in every days life (solid only) and make proper file.</p>
Social Science	<p>(1) Roll no.(1-16) :- Make a project file on *Sustainable Development* :- Explore the three pillars of sustainable development (environmental, social and economic) and their importance for the well being of future generations.</p> <p>(2) Roll no. (17-37) :- Make a project file on *Social Issues* .Investigate and analyse specific social issues like poverty, inequality or discrimination, exploring their causes, impacts and potential solutions.</p> <p>Project Guidelines :- FORMAT :-Project should include cover page, table of content, acknowledgement, introduction, research findings, conclusion, bibliography and a poster related to topic (A4 sheet).</p>
Punjabi	<p>ਜ਼ਰੂਰਤਾਂ ਇਕੱਠੀ ਦਾ ਚਿੱਤਰ ਸਹਿਤ ਪ੍ਰੋਜੈਕਟ ਫਾਈਲ ਤਿਆਰ ਕਰੋ । ਜਿਸ ਵਿੱਚ ਪਾਤਰਾਂ ਦਾ ਜ਼ਿਕਰ ਵੀ ਚਿੱਤਰ ਸਹਿਤ ਕੀਤਾ ਹੋਵੇ ।</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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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

भारतीय संस्कृति और परंपराएं 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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स्कूल की गर्मी की छुट्टियों के लिए समर कैप का विज्ञापन बनाएं



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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]

POLYNOMIALS

1. Write the zeroes of the quadratic polynomial:

$$\sqrt{3}x^2 - 8x + 4\sqrt{3}$$

2. Find the zeroes of $p(x) = 2x^2 - x - 6$ and verify the relationship between the zeroes and the coefficients of the polynomial.

3. For what value of k , -4 is a zero of the polynomial $x^2 - x - (2k+2)$

4. Find the value of k such that the polynomial $x^2 - (k+6)x + 2(2k-1)$ has sum of its zeroes equal to half of their product.

Pair of linear equations in 2 variables

5. Solve the following systems of equations by using the method of substitution method:

(a) $2x + 3y = 9$ and $3x + 4y = 5$

(b) $3x - 5y = 4$ and $2y + 7 = 9x$

6. Solve the following system of equations by using the method of elimination method:

(a) $27x + 31y = 85$ and $31x + 27y = 89$

(b) $21x + 47y = 110$ and $47x + 21y = 162$

7. The difference of two natural numbers is 5 and the difference of their reciprocals is $1/10$. Find the numbers.

8. A fraction becomes $\frac{1}{3}$ when 2 is subtracted from the numerator and it becomes $\frac{1}{2}$ when 1 is subtracted from the denominator. Find the fraction

Real Numbers

9. The HCF of two numbers is 116 and their LCM is 1740. If one number is 580, find the other

10. Explain why $(17 \times 5 \times 11 \times 3 \times 2 + 2 \times 11)$ is a composite number?

11. Find the HCF and LCM of 612 and 1314 using prime factorisation method.

12. If HCF of 144 and 180 is expressed in the form $13m - 16$. Find the value of m .

Coordinate Geometry

13. Find the ratio in which the line segment joining the points $(-3, 10)$ and $(6, -8)$ is divided by $(-1, 6)$.

14. Find the ratio in which the line segment joining the points A $(3, -3)$ and B $(-2, 7)$ is divided by x axis. Also find the coordinates of the point of division.

15. Find the value of p for which the points $(-5, 1)$, $(1, p)$ and $(4, -2)$ are collinear.

16. If the point C $(-1, 2)$ divides the line segment AB in the ratio 3:4, where the coordinates of A are $(2, 5)$, find the coordinates of B.

Probability

17. A die is thrown once. Find the probability of getting

(a) a prime number

(b) a number divisible by 2

(c) lies between 2 and 6

18. Two different dice are thrown together. Find the probability that the numbers obtained

(a) have a sum less than 6

(b) have a product less than 16

(c) is a doublet of odd numbers

19. In a family of 3 children, calculate the probability of having at least one boy.

20. Three coins are tossed simultaneously. Find the probability of getting

(a) exactly one head

(b) exactly 2 heads

(c) no heads