



ROYAL OAK INTERNATIONAL SCHOOL

New Palam Vihar, Sector 110, Dwarka Expressway,
Gurugram, Haryana

HOLIDAY HOMEWORK 2025-26

| **Class: X**



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FOR THE PARENTS

Dear Parents,

As our school holidays are now underway, your support and guidance are more important than ever in nurturing your child's academic and personal growth. We encourage you to motivate your child to make productive use of this break by revising concepts, exploring new interests, and diligently completing their holiday assignments.

Please assist in creating a positive study environment, fostering curiosity, and effectively managing their time, while refraining from doing the work for them. This period is a wonderful opportunity for your child to develop independence, creativity, and a sense of responsibility.

Your encouragement and positive reinforcement will inspire them to enjoy their holidays, learn effectively, and return refreshed and ready to face new academic challenges.

Thank you for your continued cooperation and support.

Instructions for the students:

1. Complete all holiday homework and projects as per the given instructions for your respective subjects.
2. Participate actively and independently in each task to develop self-discipline and confidence.
3. Use available resources creatively while completing assignments, incorporating critical thinking and originality.
4. Regularly review and revise the work done during April and May to reinforce learning.
5. Maintain a neat, organized, and presentable format for all submissions.
6. Seek guidance from teachers or parents only when necessary; the emphasis is on your independent effort.
7. Remember, your sincere effort during holidays will prepare you better for upcoming assessments and future endeavors.

Wishing you a productive and enjoyable holiday season!

Regards

TEAM ROIS

Please note the following:

- Summer vacations will commence from 1st June, 2025 till 30th June, 2025 , both days inclusive.
- The school will re-open on 1st July, 2025(Tuesday)
- Schedule for the submission of HHW is as follows :

English	:	02/07/2025 (Wednesday)
Hindi	:	03/07/2025 (Thursday)
Maths	:	04/07/2025 (Friday)
Science	:	07/07/2025 (Monday)
S.Sc.	:	08/07/2025 (Tuesday)

- ❖ For AI and SANSKRIT (2nd week of July). Dates will be given in the classes only by the subject teachers.
 - ❖ Summer HHW 5 marks will be added as an Activity marks in Term - I
- Wishing you all a very fruitful and enjoyable vacations.**



ENGLISH:

The Midnight Visitor

1. What does Ausable's calmness in danger teach us about handling pressure?
2. How does Max's failure show the consequences of arrogance and overconfidence?
3. What values of intelligence and presence of mind are reflected in Ausable's behavior?
4. Why is it important not to judge people by appearances, as seen in Ausable's case?
5. What moral lesson does the story give about using brains over brawn?

The Thief's Story

1. What value does Hari Singh learn by the end of the story?
2. How does Anil's trust in Hari Singh help reform him?
3. Why is it important to forgive and give others a second chance?
4. What does the story teach us about the power of love and kindness?
5. How does the story convey the importance of inner change over outward actions?

A Tiger in the Zoo

1. How does the poem raise awareness about animal rights and freedom?
2. What message does the poem convey about the cruelty of captivity?
3. How does the tiger's restricted life contrast with his natural instincts?
4. Why is it important to respect the natural habitats of wild animals?
5. What moral value does the poem teach about respecting all forms of life?

How to Tell Wild Animals

1. What does the poem teach us about being cautious and observant in unfamiliar situations?
2. How does the humorous tone help us learn more effectively about wild animals?
3. What value does the poem reflect about understanding before judging?
4. What lesson can one draw about respecting wild creatures from a safe distance?
5. How does the poem use humor to encourage learning in a light-hearted manner?

Note: Answer the following questions in 30 to 40 words in your English notebook.

Submission date: 2/07/2025

HINDI:

1. 'ततौरा वामीरो कथा' पाठ को पढ़कर अंडमान निकोबार द्वीपसमूह के बारे में जानकारी हासिल करें और यहाँ के पर्यावरण, रहन सहन, भाषा, संस्कृति के बारे में बताते हुए एक परियोजना कार्य तैयार करें।

(ए -4 साइज शीट पर) इन शीट्स को अपनी फोल्डर फाइल (Folder File) में व्यवस्थित रूप से लगाएँ।

2.. 'मेरे वतन के लोगो' कविता का सारांश अपने शब्दों में अपनी हिंदी की अभ्यास पुस्तिका में लिखिए। इसमें यह बताइए कि यह कविता किस भाव से लिखी गई है और कवि किस संदेश को देना चाहते हैं।

कविता के भावों के आधार पर एक देशभक्ति पर कविता अपनी हिंदी की अभ्यास पुस्तिका में लिखिए।

'देश के लिए बलिदान' विषय पर 100 शब्दों में एक अनुच्छेद लिखिए।

MATHS:

1. Do following Activities in math manual

(i) Pair of linear Equation in two variable: To verify the condition for consistency of a system of linear equations in two variables by graphical representations.

(ii) To draw the graph of a quadratic polynomial and observe

(a) The shape of the curve, when the coefficient of X^2 is positive.

(b) The shape of curve, when the coefficient of X^2 is negative.

(c) Its number of zeroes.

2. Solve 10 Different types of examples related to concept "HCF (A,B) x LCM(A,B)=AxB".

3. Solve 10 Statement problems of linear equations in two variable on each of the following topics :

- Problems on ages
- Problems based on distance and speed
- Problems based on time and work
- Problems based on two digit numbers

4. Prove that following are irrationals:

- (a) $\sqrt{2} + \sqrt{5}$
- (b) $1/\sqrt{3}$
- (c) $\sqrt{3} + 1/4$
- (d) $\sqrt{7} - 2$
- (e) $\sqrt{5} - 11$

5. Revise the syllabus done in the class till now.

SCIENCE:

NCERT Exemplar questions

Physics:

Chapter: Current Electricity

Chemistry:

Chapter: Chemical reactions and equations

Biology:

Chapter: Life processes

Solve the exemplar questions of the following chapters of all the three (Physics, Chemistry and Biology) in respective subject notebooks.

SOCIAL SCIENCE:

❖ Prepare a project file on Man made Disasters .

Must begin the project by including the following parameters (minimum sheets 25):

- Front information (School name, academic year, Project title and roll no)
- Beautiful creative Cover page
- List of content with page number (index).
- Certificate
- Acknowledgement (giving credit to those who helped you in this project)
- Project overview (brief idea about the project)
- Content sheet (10 to 12 pages with relevant photographs with maps)

- Conclusion
- Bibliography (the book you read and the website you visited for the project)

❖ Prepare a poster on the given topics to make awareness about the Consumer Rights.

ROLL NO.	TOPICS
1 to 8	Right to be informed
9 to 16	Right to seek Redressal
17 to 24	Right to choose
25 onwards	Right to Safety

❖ Prepare a wall hangings on different National waterways of India with complete information and related pictures.

❖ ROLL NO.	TOPICS
1 to 8	National waterways 1
9 to 16	National waterways 2
17 to 24	National waterways 3
25 onwards	National waterways 4

SANSKRIT:

1. अनौपचारिक पत्रस्य अभ्यासं कुरुत ।
2. अपठित अवबोधनस्य अभ्यासं कुरुत ।
3. अधोलिखित धातुनाम् आधृत्य पंच-पंच वाक्यानि लटलकारे अनुवादम् कुरुत ।
(पठ् , गम् , वद् , पश्य , आगच्छ , लिख् , भव , कृ ।
4. पुरुषतालिका , शब्द रूपं , धातु रूपं एवं मणिका पुस्तकस्य पाठानां शब्दार्थाः (1-5) स्मरणं कुरुत ।

ARTIFICIAL INTELLIGENCE:

1. Create a brochure and presentation about AI applications in everyday life, such as AI in healthcare, transportation, entertainment, etc.
2. Prepare a report or presentation on different areas of AI, including machine learning, natural language processing, and computer vision.