

Dear Parents,

Greetings!!!!

Wishing You a Joyful Summer Break!

As the academic year gets underway, it's time for a well-deserved break!
We hope this summer brings joyful moments, laughter, and bonding time with your children.

While we encourage relaxation, we also recommend engaging them in creative activities, reading, and exploring new skills. We have designed holiday homework to be an enjoyable learning experience, encouraging 'learning by doing'.
All students are expected to revise topics covered till now and also maintain a regular reading habit.

The Holiday HW for different subjects for all classes have been compiled by teachers and is put up here for your reference. Students need to follow the instructions given by the teachers to complete the assignments.

Please help your child manage their time to complete assignments while enjoying the break.

Summer Break starts: 03 May 2026

Summer Break ends: 21 Jun 2026

School Reopens: 22nd Jun 2026 (for classes 1-9)

PT1 is scheduled in the second week of July and hence the students should be present in their classes right from reopening day. The school does not encourage absenteeism from regular classes and it will certainly affect the academic performance.

Stay safe and have a fantastic summer!

Regards
Defence Laboratories School, Kanchanbagh

Defence Laboratories School Kanchanbagh

Holiday Homework for Class X

Mathematics:

- 1) Children need to present a seminar on the topics assigned below, along with any two of the following aids:
- (a) ppt presentation
 - (b) chart or model
 - (c) stick file having detailed description of the topic (along with figures as needed).

Roll Nos	Topic
1-3	Introducing number system
4-6	Decimal representation of rational and irrational numbers
7-9	Relation between LCM and HCF
10-12	Prime factorization and Fundamental theorem of arithmetic
13-15	Introducing polynomials (along with classification)
16-18	Zero of a polynomial
19-21	Relation between zero and coefficients of a quadratic polynomial
22-24	Introducing Cartesian Plane
25-27	Distance Formula
28-30	Section Formula
31-33	Treasure Hunt with coordinates (like a puzzle or a game)

- 2) The following multidisciplinary projects to be completed:

Roll Nos	Objective	Discription
1-7	Exploring Fibonacci numbers	<ol style="list-style-type: none">1. Definition and meaning2. History of the mathematician who gave it.3. Explore in nature the things that correspond to Fibonacci numbers with pictures(give atleast 5 examples).4. Make a model
8-14	Exploring Pascal Triangle	<ol style="list-style-type: none">1. Definition2. History3. How to construct it4. Mention about the properties5. Make a model
15-21	Making 3-D Snowflakes	<ol style="list-style-type: none">1. What is 3-D Snowflake2. Its application in daily life3. Mathematics involved in it4. Make a model
22-28	Making Platonic Solids	<ol style="list-style-type: none">1. Introduction2. Mention about 5 platonic solids and

		its properties 3. History 4. Verify Euler's formula
29-35	Exploring mathematics around us	1. Look around yourself. <ul style="list-style-type: none"> ● In the house..... ● In the garden..... ● In the market..... ● In a bank..... ● In the nature 2. Click photographs 3. Represent your work creatively.

NOTE:

Children should do the work enthusiastically and are allowed to show their own creativity as well as perspective. If the topic (assigned to you) is not done in your class, you can choose any other topic from the list and do the home work for S.No 1

Science :

- 1) Prepare a chart or model on the following systems:

Digestive System
 Respiratory System
 Circulatory System
 Excretory System

- 2) Draw neat and well-labelled ray diagrams of:

Concave Mirror
 Convex Mirror
 Concave Lens
 Convex Lens

- 3) Read Chapter 1 (Chemistry): Chemical Reactions and Equations.
 Write the answers to all in-text and exercise questions in class work.

Social Studies:

CONSUMER RIGHTS

1. The Role of Consumer Court.
2. Digital Consumer Rights.
3. comparative studies of Consumer rights.
4. Consumer Awareness Campaign. Understanding the consumer protection act
5. Impact of Advertising on consumer choices.
6. Consumer Education and Empowerment.
7. Ethical practices in Sales and Services.
8. Standardized identification marks to protect consumers from getting cheated and ensure product quality safety and authenticity.

Students are asked to make File projects, PPT, Mock Campaign. Digital video/Short clip, Collage/Scrapbook, Role play /Skit.

Telugu:

• లేఖా రచన

1. మీ పాఠశాల నుండి వెళ్లిన వనభోజన కార్యక్రమం ఎలా జరిగిందో తెలుపుతూ ఊరిలోని నీ స్నేహితురాలికి లేఖ రాయండి.
2. నీ ఉన్నత చదువుల కోసం ఉపకార వేతనం మంజూరు చేయవలసిందిగా కోరుతూ ఉపకార వేతనం అధికారి గారికి లేఖ రాయండి.

• దినచర్య

1. నీ పేరు రాణి నీవు. సంక్రాంతి పండుగను గ్రామంలో ఉన్న మీ అమ్మమ్మ గారి ఇంట్లో జరుపుకున్నావు. ఆనాటిని అనుభూతులను దినచర్య రూపంలో రాయండి.
2. మీ పాఠశాలలో జరిగిన పుస్తక పఠనం ఆవశ్యకత గురించి మీ ప్రధానోపాధ్యాయులు మాట్లాడిన విధానం గురించి మీ మనోభావాలను దినచర్య రూపంలో రాయండి.

• సంభాషణ

1. నీ పేరు రాము. నీ పుట్టినరోజుకు నీ స్నేహితుడైన రవిని ఫోనులో ఆహ్వానించావు. మీ మధ్యలో జరిగిన సంభాషణను ఎనిమిది నుండి పది వాక్యాలలో రాయండి.
2. నీవు నీ మిత్రుడు మార్కెట్లో కలిశారు. అక్కడ వీధిని శుభ్రం చేస్తున్న కార్మికులను చూశారు. వారి గొప్పతనం సేవలను తెలుపుతూ నీ మిత్రుడు నీవు మాట్లాడుకున్న సంభాషణలు రాయండి.

ग्रीष्मकालीन अवकाश गृह कार्य

- मीरा के पद
- डायरी का एक पन्ना

पाठ आधारित प्रश्न उत्तर लिखें

2-भारत की पौराणिक कथा के अनुसार 10 अवतार के विषय पर एक PPT ,चार्ट तैयार करें।

3 स्वतंत्रता संग्राम में भारत की महिलाओं का योगदान

1-सरोजिनी नायडू

2-अरुणा आसफ अली

3-कस्तूरबा गांधी

तीनों के विषय में जानकारी एकत्रित करें एक फाइल बनाएं व चित्रों के साथ उसे तैयार करें

4- अपने माता-पिता बड़े भाई बहन या अन्य बुजुर्गों बड़े सदस्यों से उनके जीवन के बारे में बातचीत कीजिए और पता लगाइए बेहतर ढंग से जिंदगी जीने के लिए क्या काम आया समझदारी पुराने अनुभव या किताब विज्ञान ।

इसे एक निबंध के तौर पर

English:

- 1) Make a poster on water conservation. Write two slogans related to the same
(art integrated project) (Is. A letter to God)
- 2) Make a file project on (interdisciplinary project) (pm. Fire and Ice)
Comparative study (cause, course, weaponry, tactics and entry of other nations)
BOYS : IRAN ISRAEL WAR vs FIRST WORLD WAR
GIRLS : UKRAINE AND RUSSIA WAR vs SECOND WORLD WAR
Write a paragraph and speak in the class about electrics of war in terms of economy, loss of life and property, after effects of the war.
- 3) Art integrated project (music) (Is. Nelson Mandela).
Girls : collect lyrics of the national anthem of Africa DIE STEM . Make a chart, practice the song, speak about it and sing in the class (in group of 4 students)
Boys : Collect lyrics of the national anthem of Africa Nkosi Sikeleli Africa . Make a chart, practice the song, speak about it and sing in the class (in group of 4 students)

Sanskrit:

परियोजनाकार्य

प्रश्न1 समय को चित्रित करके लिखिए—

- i. वादनम् ।
- ii. सार्धवादनम् ।
- iii. सपादवादनम् ।
- iv. पादोनवादनम् ।

प्रश्न2 चित्र का वर्णन संस्कृत भाषा में किजिए—

प्रश्न3 पाँचो लकारों में धातुरूप लिखिए—

प्रश्न4 समास—

- i. अव्ययीभाव ।
- ii. तत्पुरुष ।
- iii. बहुव्रीहि ।
- iv. द्वन्द्वः ।

गृहकार्य

प्रश्न1 शब्दरूप तीनों लिंगों में लिखिए—

- i. पुलिंग ।
- ii. स्त्रीलिंग ।
- iii. नपुंसकलिंग ।

प्रश्न2 कारक विभक्ति—

प्रश्न3 कालबोध— (वर्तमान, भूत, भविष्य) की परिभाषा लिखिए ।

प्रश्न4 पुरुष— (प्रथम, मध्यम, उत्तम) की परिभाषा लिखिए ।

प्रश्न5 पाँचो लकारों में धातुरूप लिखिए—

प्रश्न6 प्रश्न निर्माण हेतु (किम्) शब्दरूप तीनों लिंगों में लिखकर स्मरण किजिए ।