

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
Holiday Homework Class-IX

MATHEMATICS

Activity 1: Square Root Spiral

Represent $\sqrt{2}, \sqrt{3}, \sqrt{4}, \sqrt{5}, \sqrt{6}, \sqrt{7}, \dots$ in a continuous manner on A4 size sheet Show your creativity

Activity 2: Know about story of pi (◆◆)

The number pi (◆◆) is one of the most intriguing and significant constants in mathematics.

Make a project on A4 size sheet in a creative manner about the story of pi which emphasizes the historical development and wide-ranging significance of pi in mathematics and beyond.

Activity 3: "Maths around me" scrapbook

Click or draw pictures showing mathematics in your surroundings (symmetry, angles, patterns, bills, architecture etc.)

- Annotate each with the maths concept involved
- Write a paragraph about how maths helps you understand your world

Atleast 5 examples should be included.

Activity 4: Data and Graphs

Conduct a mini survey

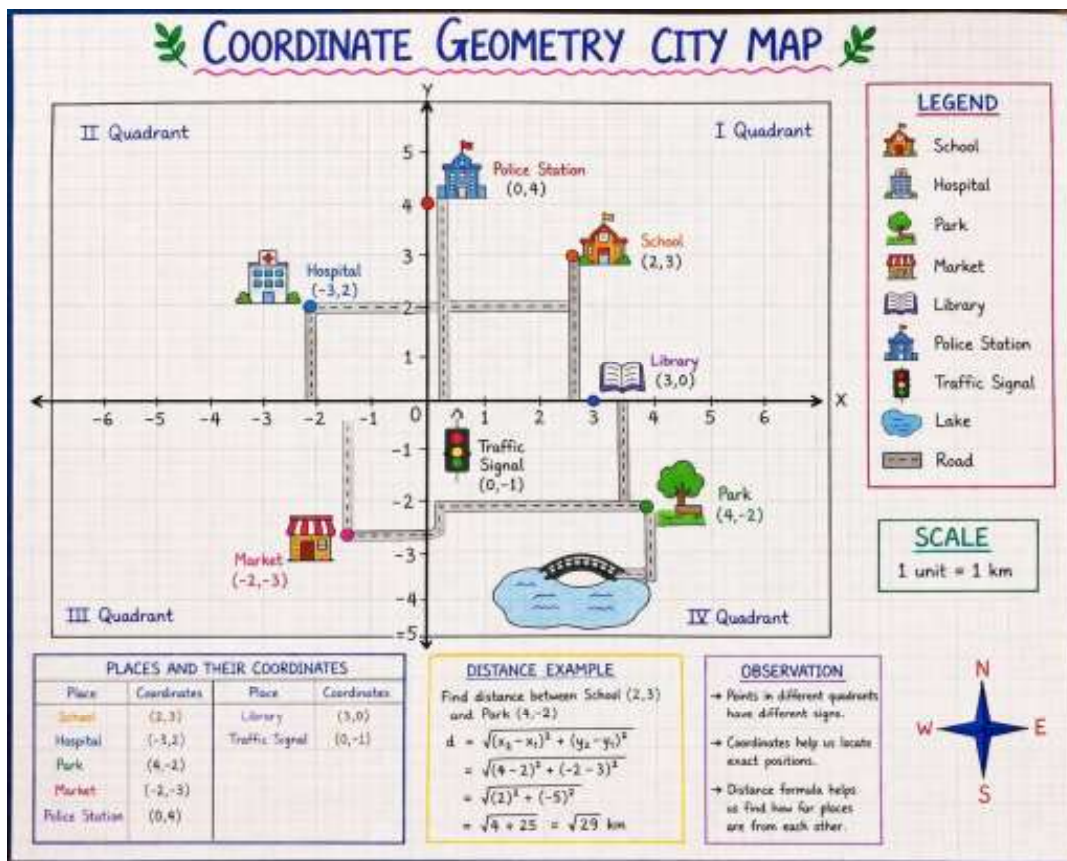
- Record the number of hours 10 classmates spend on screen (phone/ TV / study) daily.
- Present the data using a bar graph.
- Find the mean, mode, median of screen time.
- Interpret the conclusions from the mean, median & mode of the collected data.

Activity 5: Coordinate geometry

What to do: Draw a graph paper map of an imaginary city.

Mark: Landmarks like (A) School, (B) Park, (C) Hospital etc. (at least 8 landmarks, A to H) Use all the four quadrants.

Add-on: Find distance between major landmarks using distance formula. ***A sample map for reference is provided below:***



Subject: English
Text Book: Kaveri

Lessons: How I taught my grandmother to read

Bharat our land (Poem)

Instruction:

1. Consider the date of assignment as 2nd May 2026
2. The date of submission is the reopening day after summer holidays. Late submission will not be accepted
3. The homework should be done in a separate notebook. Cover the notebook and beautify it.

Topic A: Prepare a speech (for morning assembly) on: "Literacy is the Key to Success" 120-140 words

- What is literacy and why is it important?
- Literacy's role in personal and national development.
- How can we promote education for all?

Topic B: Write a paragraph on "A Visit to My Grandparents' House with my digital kit" (80-100 words) Consider the following questions while writing the paragraph

- Where do your grandparents live?
- Are they tech savvy?
- What special things will do to connect them to the modern era?
- A take away from the visit? Paste a picture of the same
- Your feeling of being a teacher.

Topic C: Poem Composition: Convert the lesson "How I taught my grandmother to read" into a poem. The poem should contain the story of transformation of an illiterate woman to a proud student of a young teacher. The poem should have 4 stanzas with figure of speech- Metaphor, Repetition and Allusion in it. The poem should also have a rhyming scheme.

Parameters for Assessment: Originality, creativity and imagery

Topic D: Poster Making: Design a poster on the following topic
“Adult Education”

(Tip: Include a catchy slogan in your poster.)

Topic E: Read Sudha Murty’s book “The magic of the lost temple”.

The form is titled "BOOK REVIEWS" in a large, bold, black font. Below the title, there are several sections for writing and drawing:

- TITLE:** A line for writing the book title.
- AUTHOR:** A line for writing the author's name.
- RATING:** A row of seven red stars, with the first three filled in.
- QUICK SUMMARY:** A section with four horizontal lines for writing a brief summary.
- DRAW YOUR FAVORITE SCENE:** A large rectangular area for drawing a scene from the book.
- WHO IS YOUR FAVORITE CHARACTER AND WHY?:** A section with two horizontal lines for writing the name of a favorite character and the reason.
- WHERE DOES THE BOOK TAKE PLACE?:** A section with two horizontal lines for writing the setting.
- WHAT WAS THE BEST PART IN THE BOOK AND WHY?:** A section with three horizontal lines for writing the favorite part and the reason.
- WOULD YOU RECOMMEND THIS TO A FRIEND? YES NO:** A section with two radio buttons for "YES" and "NO".
- NAME:** A line for writing the reviewer's name.
- DATE:** A line for writing the date.

Science

Prepare a chart or model illustrating the different types of motion:

Uniform Motion

Non-uniform Motion

Circular Motion

Periodic Motion

Prepare a chart or model of the following:

Plant Cell

Animal Cell

Read Chapter 1 (Chemistry): Exploring Mixtures and Their Separation. Summarize the chapter and write the answers to all in-text and exercise questions in class work.

Social Science

Class IX Integrated Summer Project – Social Science

Project Title: The Shadow War: Iran and
Israel on the Global Chessboard

Aim of the Project

To understand the causes of tensions
between Iran and Israel and study how
this conflict affects world politics, oil
prices, India's economy, and people
living in the Middle East.

Objectives

To learn about the historical background
of Iran-Israel relations.

To understand the meaning of shadow
war.

To study the importance of the Strait of
Hormuz.

To examine the effect of rising oil prices
on India.

To understand the problems faced by
Indians living in Middle East countries.

2. Make a project file on DISASTER MANAGEMENT.

LEARN ALL QUESTIONS AND ANSWERS OF

LESSON 1,2 DONE IN CW

ग्रीष्मकालीन अवकाश गृह कार्य

१-अलंकार

२-संज्ञा

३-सर्वनाम

नोट किसी एक विषय पर मॉडल चार्ट और फाइल तैयार करें

2-डायरी लेखन

(साप्ताहिक- एक पेज)

3-अनुच्छेद लेखन

विषय -क-प्रदूषण

ख-यात्रा वृत्तांत

ग-गर्मी की छुट्टी

तीनों अनिवार्य है लिखने

नोट -कोई दो विषय अनुच्छेद के लिए स्वयं चुने व लिखें

5-अपने पसंद के किसी विषय पर कविता लिखें (स्वरचित)

6-कहानी या लघु कथा

HOLIDAYS HOME WORK

CLASS - 9

- రామాయణం, మహాభారతం, భాగవతం వంటి ఇతిహాసాల నుండి ఏదైనా ఒక కథను సేకరించి తరగతి గదిలో ప్రదర్శించండి.
- లేఖ
మనిషి మారాలి పాఠం చదివి మీకు నచ్చిన లేదా మీకు ఆదర్శంగా నిలిచిన వ్యక్తి గురించి మీ మిత్రునికి లేఖ రాయండి.
- ఏదైనా ఒక ప్రముఖ చారిత్రక స్థలానికి చెందిన విశేషాలు సేకరించి రాయండి. తరగతి గదిలో ప్రదర్శించండి.
- దినచర్య
మీరు గడిపిన వేసవి సెలవు వివరిస్తూ దినచర్య రాయండి.

संस्कृत
परियोजनाकार्य

प्रश्न1 चित्र का वर्णन (10 वाक्य) में किजिए—

प्रश्न2 कारक विभक्ति—

प्रश्न3 तीनों लिंगों में शब्दरूप लिखिए—

प्रश्न4 पाँचों लकारों में धातुरूप उच्चारण स्थान चित्र सहित लिखिए—

गृहकार्य

प्रश्न1 लट् एवं लृट् लकारों के अनुवाद किजिए—

प्रश्न2 पाँचों लकारों में धातुरूप लिखिए।

प्रश्न3 सत्यम्, शिवम्, सुन्दरम् संस्कृतम्। पाठ को गान का अभ्यास किजिए।