

TAGORE SENIOR SECONDARY SCHOOL BARWA

SUMMER VACATION ASSIGNMENT

CLASS :9th Subject :All subject

Class Incharge :Mrs Bimla Devi

नोट :

प्रिय अभिभावकों,

गर्मी के मौसम को ध्यान में रखते हुए बच्चों का विशेष ध्यान रखें। बच्चों को अधिक से अधिक पानी, नींबू पानी, छाछ, फल एवं पौष्टिक आहार दें। तैज धूप में बाहर जाने से बचाएँ तथा बाहर जाते समय सिर को ढककर रखें। नियमित रूप से होमवर्क करवाने के साथ-साथ बच्चों को पर्याप्त आराम भी दें। स्वस्थ रहें, सुरक्षित रहें।

Hindi Holiday Home' work

कक्षा	विषय	पठन कौशल / स्मरण कौशल	लेखन कौशल	परियोजना कार्य
नौवीं	हिंदी	पढ़ाए गए समस्त पाठों को पढ़ें। और अभ्यास याद करें। पाठ - रीढ़ की हड्डी पाठ - दो बैलों की कथा पाठ - क्या लिखू	लेखन कौशल : ----- कोई दो औपचारिक पत्र और कोई दो अनौपचारिक पत्र लिखो और याद करो। *किन्हीं पांच विषयों पर संवाद लिखो। *किन्हीं पांच विषयों पर ईमेल लिखो। *किन्हीं पांच विषयों पर अनुच्छेद लिखें।	* प्रेरणादायक व्यक्तित्व” विद्यार्थी किसी एक प्रेरणादायक व्यक्तित्व (डॉ. ए.पी.जे. अब्दुल कलाम, स्वामी विवेकानंद, महात्मा गांधी आदि) अपनी प्रिय पुस्तक पर परियोजना तैयार करें। परियोजना में शामिल करें : • परिचय • मुख्य विशेषताएँ • प्रेरणादायक संदेश • चित्र / सजावट • निष्कर्ष 2. व्याकरण कार्य निम्न विषयों के 20-20 उदाहरण लिखें – • अलंकार, वाक्य विचार • समास • संज्ञा और सर्वनाम

				व्याकरण में किसी एक विषय पर सुन्दर सा चार्ट बनाएं।
कार्य साफ-सुथरी लिखावट में करें। प्रत्येक कार्य में Day & Date अवश्य लिखें। परियोजना कार्य रंगीन एवं आकर्षक होना चाहिए। कार्य समय पर जमा करवाना अनिवार्य				

Maths Holiday Homework

MATHS	IX	<p style="text-align: center;"><u>WRITTEN WORK (LAB ACTIVITIES)</u></p> <ol style="list-style-type: none"> To construct a square root spiral with the help of an AVTIVITY. To verify that the sum of any 2 sides of a triangle is always greater than the third side. To verify that Vertically opposite angles are equal. To find the mirror image of a given geometrical figures with respect to x - axis & y – axis. Making a parallelogram by paper folding method. To verify Mid Point Theorem. To verify that the diagonal of a parallelogram divides it into 2 congruent triangles. To verify that the diagonals of a parallelogram bisect each other. Verify that angles in same segment of a circle are equal. Verify that the opposite angles of a cyclic quadrilateral are supplementary. <p style="text-align: center;"><u>LEARNING WORK</u></p> <ol style="list-style-type: none"> Learn tables, squares and cubes upto 30. Learn all the definitions and formulae from your text book. 	Practical's to be done in Lab manual and other written work to be done in holiday homework notebook.
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Chemistry Holiday Home' work

Chemistry	IX	<p>Prepare a working/model-based project on any one of the following topics:</p> <p>Solid, Liquid and Gaseous States of Matter Model (OR) Water Purification Model</p>
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		<p>The model should be neat, creative, informative, and properly labelled.</p> <p>Ch atoms and molecules - do 10 mcqs , 10 assertion and reason, 5 true and false, 5 match the following , 10 very short and 10 short question answers</p>
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Physics Holiday Home' work

Class	Sub.		
9th	Physics	<p>1. Project 1: The Kinematics of My Daily Walk/Run</p> <p>Students track their own movement over a fixed path (eg, around a local park, a running track, or a long corridor at home) using a simple smartphone stopwatch or a basic fitness tracker.</p> <p>Student Action Plan</p> <p>Data Collection: Measure a fixed path of 100 meters. Walk/jog the path 3 separate times, changing pace intentionally (eg, slow walk, fast walk, brisk run) Record the time taken at intervals of 20 meters.</p> <p>Mathematical Plotting: On a graph sheet, students must plot the Distance-Time (Ss-1S) graph for all three activities.</p> <p>The Analysis:</p> <p>Calculate the average speed (vs/t) for each attempt.</p> <p>Analyze the nature of the curve: Is it a straight line (uniform motion) or a curve (non-uniform motion)?</p> <p>Calculate the total displacement if they return to their starting point.</p> <p>2. NCERT EXERCISE of chapter Describing motion around us and hee forces affect motion in</p>	<p>Project on Project File Pages</p> <p>Physics noteboo</p>

		notebook	
		3. PPT on any topic from your syllabus	

Biology Homework

Reading Chapter 2 Cell: The Building Block of Life

Learning writing ch5 notes, blue print book exercise solve and learn

Experiment write in practical notebook

EX1 Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record Observations and draw their labeled diagrams.

EX2 Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, Smooth and cardiac muscle fibers and nerve cells In animals, from prepared slides. Draw their Labeled diagrams.

Activity Make PowerPoint presentation on Chapter 2 Cell: The Building Block of Life any topic choose you and represent after holiday .

Make model or chart on Animal cell or plant cell, Mitochondria or chloroplast and nucleus or golgi body

English Holiday Homework

Class 9 – English

Student Name: _____

Class & Section: _____

Roll No.: _____

Learning Outcomes

Students will be able to:

Read, analyse and interpret texts.

Improve communication and creative writing skills.

Apply grammar in real-life situations.

Develop critical thinking and observation skills.

Enhance vocabulary and speaking confidence.

Section A: Reading Competency

Activity 1: Newspaper Analysis

Read an English newspaper/article weekly and complete:

Topic

Details

Title of News

Main Issue

People Involved

Your Opinion

New Words Learned

(Complete for 4 different articles.)

Activity 2: Reading Reflection

Read any short story/chapter and answer:

What was the main idea?

Which character impressed you most and why?

What lesson did you learn?

If you were the writer, what ending would you change?

Section B: Writing Competency

Activity 3: Real-Life Writing

A. Notice Writing

Your school is organising a Tree Plantation Drive. Draft a notice in about 50 words.

B. Email Writing

Write an email to your cousin inviting him/her to spend summer vacation with you.

C. Diary Entry

You helped an old person during vacation. Write a diary entry expressing your feelings.

Section C: Grammar Competency

Activity 4: Error Detection

Identify and correct the errors:

She do not like playing chess.

The childrens were happy.

He have completed his work.

We was waiting for the bus.

Riya can sings well.

Activity 5: Sentence Transformation

Change the voice:

The teacher praised the student.

They are cleaning the classroom.

Change into indirect speech:

He said, "I am busy."

Mother said, "Finish your homework."

Section D: Critical Thinking & Creativity

Activity 6: Picture-Based Writing

Paste/draw any picture related to:

Nature

School Life

Family

Write 100 words describing:

What you see

What is happening

Feelings/emotions shown

Message conveyed

Activity 7: Advertisement Design

Design an attractive advertisement for:

A Summer Camp OR

A Book Fair

Include:

Heading

Attractive slogans

Date, venue, contact details

Social Science Summer vacation work

1. Prepare a Mini Constitution Booklet

Include:

Preamble

Fundamental Rights

Fundamental Duties

Features of Indian Democracy

Decorate pages using:

National symbols

Tricolour themes

Hand-drawn illustrations

2. Prepare 3D model of Rainwater harvesting.

Economics

1. Revise chapter 1st and 2nd for test after vacation.

2. Make a chart on following topics:

For Boys: write your desires, wants and demands on an A4 size paper along with attractive pictures of all these.


For Girls: make a chart on Central problems of economy

or

make a chart on opportunity cost


IT Holiday Homework

— IT in Daily Life

 Make a *mind map* on a chart paper about where we use IT in everyday life — home, school, hospitals, banks, transportation.

 Include images from magazines or your own drawings.

— Write a Short Essay

 “*What is Information Technology and why is it important in daily life?*”
(100–150 words — focus on syllabus concepts.)

— Keyboard Fun


 Draw a *full keyboard* on A3 paper and label all the keys (letters, numbers, special keys).

➔ **Bonus:** Color-code finger positions (like touch typing technique).

— Learn Typing Posture

 Without a computer, *describe and draw* good typing posture (seat, back, hands). Include why posture matters for fast & safe typing.

— Word Document Worksheet

 Create a *handwritten page* titled “Parts of a Word Processor” listing:

- Menu bar
- Toolbar
- Cursor
- Mouse pointer

Write one sentence about each.

— Table Drawing

 On paper, draw a *spreadsheet table* with 7 days and columns for Activities (Study, Play, Sleep, Help at Home).

Then manually add totals (just count and write results).


— Chart It

 Using color pencils, convert the table from Day 6 into a bar or pie chart on a new sheet.


— Create a Presentation Plan

 On paper, plan a 5-slide presentation on “*My Dream Tech Invention*”. Slide titles with 1–2 lines each (no computer needed).


— IT Comic Strip

 Make a *comic strip* (6–8 panels) showing someone learning a new IT skill — like typing, creating a document, or making a chart. Add dialogues and captions.


— Vocabulary Flashcards

 Make *10 flashcards* of IT terms (e.g., keyboard, mouse, document, spreadsheet, chart). Write definition on back and draw a related icon.

— Real-Life IT Hunt

 Walk around your home or locality and list *5 things that use IT* (ATM machines, digital clocks, traffic lights, mobile wallets). Draw/describe how IT helps them work.


-Cyber Safety Notes

 Write *10 rules* for staying safe online (strong passwords, avoid unknown links, privacy). This helps understand responsible IT use.

— IT Timeline

 Create a *timeline* showing the evolution from old tech (like typewriter) to modern tech (smartphones, cloud).

— Quiz Sheet

 Prepare a 10-question quiz on your IT syllabus topics (definitions, examples).
Give it to a friend or sibling to answer.

— Portfolio & Presentation

 Collect all your sheets, charts, drawings into a portfolio.

 Present your favorite 3 pieces to family — explain what you learned!

Tips to Make It Interesting

 Use colors, drawings, stickers to make charts and posters attractive.

 For things like spreadsheets, treat paper like cells and draw boundaries.

 Record your *typing practice goals* (like how many letters you can write neatly in 1 minute) to mimic keyboarding skill.