



## IX - XII Block

### Circular

Date: 23.04.2026

PCOR/2026-27/C0008 (A)

## Summer Holiday Homework – April 2026 – Grade IX

Dear Parent,  
Assalamualaikum.

This is to inform you that the school will remain closed for Annual Summer Vacation from Friday 24th April 2026 to Thursday, 11<sup>th</sup> June 2026. School will reopen on Friday, 12<sup>th</sup> June 2026. Students are required to report to school on the reopening day in proper uniform with all holiday homework completed.

All assigned work must be done neatly on A4 sheets and submitted on the first day of reopening. Students are advised to follow a disciplined daily study routine and make productive use of their time.

Parents are requested to supervise their ward's study schedule and ensure timely completion of all academic tasks.

We wish all our students a safe, disciplined, and productive Summer Vacation.

SUBJECT	HOLIDAY HOMEWORK
English	1. Write a Diary Entry on "The happiest day of my life" in 100-120 words 2. Project: Any one in 25 A4 Size pages 1. Importance of Mental Health Awareness. 2. Balancing studies and Hobbies. 3. Importance of Discipline in student life
Mathematics	Q1. Construct a Square Root Spiral up to $\sqrt{10}$ using ruler and compass. Q2. Represent $\sqrt{2}$ and $\sqrt{5}$ on a number line. Q3. Find the decimal expansion of: a) $1/8$ b) $3/11$ c) $7/13$ Q4. Plot the following points on a graph paper: A(2,3), B(-3,2), C(-4,-1), D(3,-2), E(0,5), F(6,0) Q5. In which quadrant do the following points lie? a) (5, -7) b) (-2, 3) c) (-6, -7) d) (3, 5)
Science	Hands-on Research Project Step 1 — Choose Your Research Topic Pick one investigable question from any of the following three areas ( <b>Physics, Chemistry, Biology</b> ). Your topic must lead to a real experiment — not a model or chart. Step 2 — Write Your Research Plan Before starting your experiment, write a Research Plan that includes: Rationale – Why did you choose this topic? Why is it important? Question/Problem – What exactly do you want to find out? Hypothesis – Your educated guess: "If [this], then [that]..." Procedure – Step-by-step method of how you will conduct the experiment Safety Precautions – Any risks and how you will handle them Data Analysis Plan – How will you record and interpret your results? Bibliography – At least 5 references (books, websites, journals) Step 3 — Conduct the Experiment & Prepare Your Research File Your Research File is your complete project report. It must include: Project Title – Clear, specific, and interesting Table of Contents Abstract – Summary of your entire project in maximum 250 words Introduction – Background information and purpose of your study Materials & Method – List of materials and step-by-step procedure with labelled diagrams Variables Independent Variable (what you change)      Dependent Variable (what you measure) Control Variables (at least 4 — what you keep the same) Results – Present data using tables, graphs, and charts Discussion – Interpret your findings. Does the data support your hypothesis? Conclusion – Final outcome. Was your hypothesis proved or disproved?

