



Estd. 1953

BIRLA SHISHU VIHAR

A Prestigious Day School for Boys and Girls
(Affiliated to CBSE, New Delhi No: 1730263, School No: 10606)
(A Birla Education Trust, Pilani Institution)
Website: www.bsvpilani.edu.in



Circular No. 024

4th May'26

Kind-Attention: All Concerned
From: Principal

Subject: Summer Holiday Homework - Promoting Computational Thinking & Real-Life Application

Dear Colleagues,

As we approach the summer vacation period, all teachers are requested to design and assign meaningful and engaging holiday homework that promotes computational thinking and real-life application of concepts, in alignment with NCF and modern pedagogical practices.

The aim is to move beyond rote learning and encourage students to observe, analyze, problem-solve, and create, using real-life contexts- competency based education.

Guidelines for Holiday Homework Design

- ✦ Focus on computational thinking skills: decomposition, pattern recognition, abstraction, and algorithmic thinking.
- ✦ Encourage real-life problem- Solving and interdisciplinary learning. Ensure tasks are experiential, inquiry-based, and age-appropriate
- ✦ Avoid excessive written work- Prefer activity/project-based assignments
- ✦ Provide clear instructions, rubrics, and expected outcomes
- ✦ Encourage parental support as facilitators, not executors

Class-wise Framework

Preparatory Level: Classes III - V

- Daily life-based problem-solving activities
- Pattern recognition (numbers, art, environment)
- Simple data collection (e.g., weather chart, daily routine)
- Writing step-by-step instructions (basic algorithms)
- Creative expression (drawings/comics based on problem-solving)

Outcome: Development of observation, curiosity, and logical sequencing

"The illiterate of the 21st century will not be those who cannot read and write, But those who cannot learn, unlearn, and relearn." ...By - Alvin Toffler





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Classes VI - VIII

- Real-life projects (budgeting, conservation practices)
- Data collection, tabulation, and graphical representation
- Use of flowcharts and basic structured thinking
- Interdisciplinary activities integrating multiple subjects

Outcome: Analytical thinking, data handling, and structured problem-solving

Classes IX - XII

- Case studies and research-based projects, PBL
- Application of concepts to real-world challenges
- Algorithmic thinking and decision-making models
- Subject specific reflective tasks on learning process
- Interdisciplinary activities integrating multiple subjects

Outcome: Concepts Building, Critical thinking, innovation, problem solving and real-life application.

Sp. Educator: request to design activities for tiny tots at foundation level- motor skills, reading & writing skills, gaming activities, puzzles, linguistic foundation.

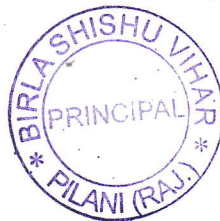
You are requested to submit holiday homework plan to the Academic Coordinator/HM by May 9, 2026, for review and approval.

Academic Coordinator/HM: Class wise complied holiday homework (**hard copy**) is to be submitted to PA to Principal by May 12, 2026. Students are to be provided it by May 14, 2026. Please ensure.

Let us work together to nurture independent learners, critical thinkers, and problem solvers through thoughtfully designed holiday assignments.

Thanks.

Copy: All Concerned



With regards,

(PAVAN VASHISHTHA)
PRINCIPAL

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