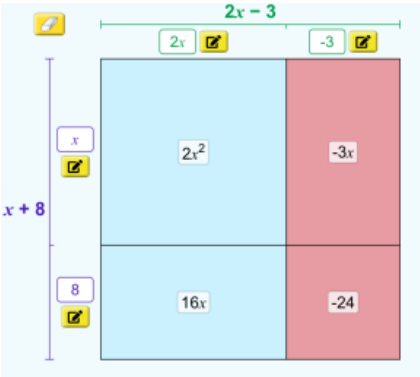
BLOOM PUBLIC SCHOOL

C-8 Vasant Kunj, New Delhi

Syllabus for the Session 2025-26

Class: VIII

Subject: Mathematics

MONTH	CHAPTER (NCERT Text book)	CONTENT (Topics)	Practical/Activities
April	*** Bridge course activity** *** Square and Square Roots**	* Bridge course activities * Square of a number * Square root of a number by prime factorisation & division method * Identities:$(a-b)^2$, $(a+b)^2$, a^2-b^2.	https://ncert.nic.in/pdf/Bridge_Programme/Grade8/Bridge_Programme-Mathematics-Grade_8.pdf **SUBJECT ENRICHMENT ACTIVITY 1:** Prove that $(a+b)^2 = a^2 + b^2 + 2ab.$
May	*** Bridge course activity** *** Linear Equations In One Variable**	* Bridge course activities * Solving linear equations * Framing linear equations	https://ncert.nic.in/pdf/Bridge_Programme/Grade8/Bridge_Programme-Mathematics-Grade_8.pdf **SUBJECT ENRICHMENT ACTIVITY 2:** Mystery Number Challenge- Use linear equations to guess a hidden number.
July	*** Algebraic expressions and identities** *** Factorisation**	* Expressions, terms, factors, coefficients, monomials, binomials, and polynomials * Operations on Algebraic Expressions * Algebraic Identities * Factors of Algebraic Expressions * Factors of Algebraic Expressions * Factorization Using Identities	**PHET (interactive panel)** **Area Model Algebra** 

PERIODIC ASSESSMENT -1

TOPIC: Square and Square Roots

TOPIC: Linear Equations In One Variable

TOPIC: Bridge course activities' concepts (Case based questions)