

ANNUAL SPLIT-UP OF SYLLABUS

Academic Session 2026-27

School Name: AIR FORCE SCHOOL

Subject: Mathematics (Grade 6)

Textbook: Ganita Prakash (NCERT)

Target Completion Date: 15th January

Month	Ch. No.	Chapter Name	Periods	Activities & Pedagogical Focus
April	1	Patterns in Mathematics	12	Exploring number and shape sequences. Mathematics as a creative art.
May	2	Lines and Angles	10	Hands-on measurement; identifying rays, points, and line segments.
July	3	Number Play	14	Mathematical games, unsolved puzzles, and mental math strategy.
July	4	Data Handling	10	Collection, organization, and aesthetic presentation of data.
August	5	Prime Time	12	Discovery of prime numbers and factorization through exploration.
September	6	Perimeter and Area	14	Practical problem solving and revision for Half-Yearly assessments.
October	7	Fractions	16	Intuition building; introduction to unit fractions and operations.
November	8	Playing with Constructions	12	Geometric drawing using physical tools (compass, ruler).
November	9	Symmetry	08	Identifying symmetrical patterns in art and nature.
December	10	The Other Side of Zero	14	Understanding integers and negative numbers via the number line.
January	-	Revision	08	Final review and practice using Learning Material Sheets.

Instructional Guidelines

Math Talk: Use these designated segments for 10-15 minute collaborative discussions to improve interpretive speaking.

Try This: High-creativity tasks aimed at providing diverse solution paths for a single problem.

Remediation: Utilize the 'Learning Material Sheets' found at the back of the book (p. 272) for targeted student support.

Milestone: Ensure Chapter 10 is completed by 15th January to allow for pre-annual examination preparation.

This document is prepared based on the NCERT Ganita Prakash Grade 6 curriculum for Air Force School requirements.