

**NAVY CHILDREN SCHOOL**

**SPLIT UP SYLLABUS FOR CLASS X MATHEMATICS 2021-2022**

SL.NO	MONTH	CHAPTERS	NO OF PERIODS	SUBJECT ENRICHMENT ACTIVITY
1	MARCH/APRIL	1.REAL NUMBERS	8	
		2.POLYNOMIALS	8	
		3.A PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	5	1.VERIFICATION OF CONDITIONS FOR CONSISTENCY
2	JUNE	3.A PAIR OF LINEAR EQUATIONS IN TWO VARIABLES(CONTINUED)	6	
		4.QUADRATIC EQUATIONS	10	2.TO VERIFY IS THE GIVEN SEQUENCE AN AP OR NOT
		5.ARITHMETIC PROGRESSIONS	6	3.TO FIND THE SUM OF FIRST 'n' TERMS OF AN AP.
3	JULY	6.TRIANGLES	13	4. BASIC PROPORTIONALITY THEOREM
		7.COORDINATE GEOMETRY	10	5. VERIFICATION OF PYTHAGORAS THEOREM
4	AUGUST	8.INTRODUCTION TO TRIGONOMETRY	18	6.VERIFICATION OF VALUES OF TRIGONOMETRIC RATIOS OF SPECIFIC ANGLES 30,45&60 DEGREES
		9.SOME APPLICATIONS OF TRIGONOMETRY	8	7.MAKE A MODEL OF CLINOMETER
5	SEPTEMBER	REVISION & HALF YEARLY		
6	OCTOBER	10.CIRCLES	8	8. VERIFICATION OF TANGENTS DRAWN FROM AN EXTERNAL POINT TO A CIRCLE ARE EQUAL
		11.CONSTRUCTIONS	4	
		12.AREAS RELATED TO CIRCLES	10	
7	NOVEMBER	13.SURFACE AREAS AND VOLUMES	8	9. MAKE A CONE OF GIVEN RADIUS
		14. STATISTICS	10	
		15.PROBABILITY	5	10.PROBABILITY EXPERIMENT
8	DECEMBER	REVISION		
9	JANUARY	COMMON PREPARATORY EXAMINATION		
10	FEBRUARY	REVISION		