

**SYLLABUS 2020 - 2021**

**CLASS - 7**

**SUBJECT : MATHEMATICS**

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<b>5. Geometry</b>	5.1 Introduction 5.2 Pair of Angles formed by Intersecting Lines 5.3 Transversal 5.3.1 Angle formed by a Transversal Angles formed by a Transversal with Parallel lines 5.4 Construction 5.4.1 Construction of Perpendicular Bisector of a Line Segment 5.4.2 Construction of Angle Bisector of an Angle 5.4.3 Construction of Special Angles without using Protractor
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<b>Term- III</b>	
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<b>3. Algebra</b>	3.1 Introduction to Identities 3.3 Geometrical proof of Identities 3.3.1 Identity-1: $(x + a)(x + b) = x^2 + x(a+b) + ab$ 3.3.2 Identity-2: $(a+b)^2 = a^2 + 2ab + b^2$ 3.3.3 Identity-3: $(a-b)^2 = a^2 - 2ab + b^2$ 3.3.4 Identity-4: $(a + b)(a - b) = a^2 - b^2$ 3.4 Factorisation using Identities
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