Delhi Public School
Srinagar

DETAILED PLANNER OF
MATHS

CLASS - **6th** ~ October, 2015

CLASSES REQUIRED	Decimals : 15 : Introduction to Algebra: 7
TOPIC	Decimals. ; Introduction to Algebra
CONCEPT & SKILLS	**Decimals:** Decimal fractions, reading of a decimal fraction, equivalent decimals , decimal places, like and unlike decimals, comparing decimals, conversion of decimal into fraction and unlike decimals into like decimals, conversion of a fraction into decimal, addition and subtraction of decimals. **Introduction of Algebra:** introduction, literals or variables, constants, operations of literal numbers, Algebraic expressions, terms of an algebraic expressions, factors and coefficients, kinds of algebraic expressions, like and unlike terms.
LEARNING OUTCOMES	**Decimals :** i) Reading of decimal fraction. ii) Place value chart in decimals. iii) Conversion of decimals into fractions and vice versa. iv) Operations on decimals. **Introduction to Algebra :** i) How to make an algebraic expression from the given statement. ii) Operations on literal numbers. iii) Kinds of algebraic expressions, to identify whether the given expression is monomial, binomial, trinomial or polynomial. iv) Identification of like and unlike terms.
INSTRUCTIONAL TOOLS & REFERENCES	i) Text book for both the topics. ii) Online links for practise and concept reinforcement. ii) Individual activity for introduction to Algebra.
PEDAGOGY	**Decimals :** i) Creating a place value chart to explain whole number part and decimal part. ii) Conversion of decimals into fractions and vice versa. iii) Operations on decimal fractions. **Introduction to Algebra:** i) Creating different examples of day to day life for making different algebraic expressions. ii) To develop the concept of terms, factors, numerical coefficients, types of algebraic expressions.
ACTIVITY / ASSIGNMENT / RESEARCH	i) Class assignments based on questions from the text book. ii) Individual activity for introduction to Algebra.

ASSESSMENT	i) Written assignment ii) Individual activity iii) Worksheet.
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	**Decimals:** Questions based on text book Exercises 7.1 ; 7.2 ; 7.3 ; Revision Exercise. **Introduction to Algebra :** Questions based on text book Exercises 8.1 ; Revision Exercise.