

# **DPS – MODERN INDIAN SCHOOL** **ENTRANCE TEST SYLLABUS (SEPTEMBER)**

## **SYLLABUS FOR NURSERY**

**ENGLISH** : Writing - A to Z, Match letters to picture, Nursery Rhymes (Oral)

**MATHS**: Writing(1-20), Count & Write (1-10), Basic Shapes, Colouring – Join dots & colour

## **SYLLABUS FOR PREP**

**ENGLISH**: Small Alphabets in Cursive, Three letter word with vowels – a,e,i,o,u, Reading Alphabets with phonics, Rhymes.

**MATHS**: Numbers 1 to 100 under TOX format, Backward Counting 50 – 1, Number names 1 to 10, Numbers – Put the sign ( < , > , =) – sign upto 30, After, before & between numbers upto 20, Shapes – Circle, Triangle, Colouring-Join the dots and colour the picture.

## **SYLLABUS FOR CLASS I**

**ENGLISH**: Punctuation (using of capital letters and full stop), Picture comprehension, Opposites, Nouns, Pronouns, Verbs, Name of colours, Singular & Plural (use of 's' and 'es'), Jumbled letters, Make sentences.

**MATHS**: Numbers 1-400, Numbers names 1-70, Missing numbers, Before & After numbers, Smallest & Largest Numbers, Backward counting, Skip counting by 2s, Tables of 2, Expanded form, Greater, lesser and equal to (>,<=), Addition with and without carry over.

## **SYLLABUS FOR CLASS II**

**ENGLISH**: Picture Comprehension, Unseen passage (comprehension), Opposites, Preposition, Punctuation(Capital letter and full stop), Pronouns, Use of 'a' or 'an', Verbs, Make sentences, Use of 'and'.

**MATHS**: Numbers 1-1000, Number names 1-1000, Missing numbers, Before, After and Between numbers, Ascending and Descending numbers (1-500), Expanded form (1-500), Place Value and Face Value (1-500), Addition sums (2 digit numbers with and without carry over), (3 digits number without carry over), Tables 2-6, Shapes (Circle, Square, Rectangle and Triangle)

## **SYLLABUS FOR CLASS III**

**ENGLISH** : Comprehension, Creative Writing, Grammar : Alphabetical order, Use of is, are, has, have, Punctuation, Use of a, an, the, Singular – Plural.

**MATHS** : Place Value : Ascending order, descending order, place value, greater than, smaller than, expanded form. Addition: Simple addition, Addition by grouping, Addition by ten's method, Word problems, Subtraction: Simple subtraction, Subtraction by grouping, Subtraction by estimation, Word problem, Multiplication: Simple multiplication, Multiplication by one digit numbers, Multiplication by two digit numbers, Word problem.

### SYLLABUS FOR CLASS IV

**ENGLISH :** Unseen passage or Comprehension, Creative Writing: Letter writing, Paragraph writing, Grammar: Use of 'because' or 'so', use of 'can', Preposition, Verb, Using words with prefix 'un', degree of comparison.

**MATHS:** Place Value, Addition & Subtraction, Multiplication.

### SYLLABUS FOR CLASS V

**ENGLISH :** Unseen Comprehension- Unseen passage, Unseen poem, Grammar : 1) Framing question using will/where/what/when/how long to obtain information 2) Use of Simple Past Tense, Past Continuous Tense and Present Perfect tense 3) Adverbs of manner 4) Use of For and Since Writing: Letter, Paragraph writing, Data interpretation.

**MATHS :** Place Value- Larger numbers Indian and International system, The four operations-Cost price, Selling Price, Profit & Loss, Average, Factors & Multiples, Fractions-addition, subtraction, multiplication & division, Geometry basics – lines angles, measuring angles.

### SYLLABUS FOR CLASS VI

**ENGLISH:** Section A: Reading-Comprehension Passage, Section B: Writing- Writing on any topic, Section C-Grammar –1) Prefixes and negative prefixes 2) Compound adjectives 3) a) Use of 'many', 'more', 'more than', 'fewer than', b) Use of 'most of' and 'more of'.

**MATHS:** Chapter 1: Knowing our Numbers, Chapter 2: Whole Numbers, Chapter 3: Playing with Numbers, Chapter 4: Basic Geometrical ideas, Chapter 6 : Integers, Chapter 7 : Algebra

**SCIENCE :** Physics & Chemistry- Chapter 4: Sorting materials into groups, Chapter 5: Separation of substances Chapter 6: Changes around us, Chapter 11: Light, Shadows and reflection, Chapter 14: Water.

**BIOLOGY:** Chapter 1 : Where does it come from ? Chapter 2 : Components of food, Chapter 7: Getting to know plants.

### SYLLABUS FOR CLASS VII

**ENGLISH:** Section A: Reading- Unseen passage or Poem, Section B – Writing – Composition, Informal letter, Article, Section C – Grammar Passive Voice, Jumbled sentences, Jumbled sentences, Error finding

**MATHS:** Chapter 1 : Integers, Chapter 2-Fractions & Decimals, Chapter 4 : Simple Equations, Chapter 5: Lines and Angles, Chapter 9: Rational Numbers, Chapter 12 – Algebraic Expressions, Chapter 13: Exponents & Powers

**SCIENCE :** Physics: Moving Objects, Electric current and Circuit

Chemistry- Scarcity of water, Forest products, Different kinds of materials

**BIOLOGY:** Food from where, Utilisation of food, Surroundings affect the living.

### SYLLABUS FOR CLASS VIII

**ENGLISH:** Section A-Reading: Unseen Passage, Section B- Writing: Article writing, Letter writing, Diary Entry, Section C:Grammar- Determines, Adverbs, Conditional Clause 'if", Re-arranging of sentences.

**MATHS:** 1)Squares, Square roots, Cubes, Cube roots 2) Number system – Rational numbers, Powers 3) Geometry – Construction of quadrilaterals, Understanding shapes, Data handling, Algebra –Algebraic expression , Factorisation.

**SCIENCE :** Physics: Chapter 10: Force & Pressure, Chapter 11: Friction.

Chemistry- Chapter 3: Synthetic fibers & plastics, Chapter 4: Materials – Metals & Nonmetals, Chapter 5: Coal & Petroleum

**BIOLOGY:** Chapter8 : Cell structure & function, Chapter 2 : Microorganisms Chapter 1: Crop Production & Management.

### SYLLABUS FOR CLASS IX

**ENGLISH:** Reading Comprehension, Writing Section : Speech,Article,Letter, Grammar: Determiners, Tenses, Subject-

Verb, Agreement, Non-Finites, Nominalization, Preposition, Article.(Pattern –Error correction, Omission, Jumbled sentences, Fill up)

**MATHS:** Number systems, Polynomials, Coordinate Geometry, Introduction to Euclid's Geometry, Lines & Angels, Triangles, Heron's Formula

**SCIENCE:** Matter in our surroundings, Is matter around us pure?, The fundamental unit of life, Tissue, Motion, Force and laws of motion, Improvement of food resources.

### SYLLABUS FOR CLASS X

**ENGLISH:** Reading Comprehension Writing Section: Speech, Article, Letter, Diary Entry Grammar: Determiners, Tenses, Subject-Verb, Agreement, Non-Finites, Nominalization, Reported speech, (Pattern – Error correction, Omission, Jumbled sentences, Fill up)

**MATHS :** Number systems – Real Numbers, Algebra-Polynomials, Pair of linear equations in two variables, Geometry – Triangles, trigonometry – Introduction to Trigonometry, Trigonometric identity, Statistics

**SCIENCE:** BIOLOGY :Life process, Control & Coordination **CHEMISTRY:** Chemical equations and Reaction, Acids Bases & Salts, Metals & Non Metals PHYSICS: Electricity, Magnetic effect of Electric current, Sources of Energy