**SYLLABUS FOR ENTRANCE TEST-**

**INDIAN PUBLIC SCHOOL**

**Entrance Exam 2011**

**Class LKG Syllabus**

**English:** Capital Letters A to Z

**Hindi: v ls v: rd**

**Maths:** Count 1 to 50

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**Class PREP.(UKG)Syllabus**

**English:** Small letters a to z, two & three letters word, vowels and consonant.

**Hindi:**] **v ls v: rd] d ls K rd] nks] rhu] pkj v{kjh; 'kCn**

**Maths** : Numbers 1 to 100, Numbers name 1 to 10, Addition & Table of 2, backward Counting, before, after and between numbers.

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**Class I Syllabus**

**ENGLISH**

 Article, Singular, Plural, Opposites, Rhyming Words, Gender, Deposition, Action Words, About Myself (Q/A),USE Of Capital Letter & Full Stop, Name Of Vegetables, Fruits, Animals [Pet & Wide] Colores &Flowers.

**MATHS**

Numbers 1 – 200, Numbers Name 1 – 100,Tables 2 TO 6,. Before, After & Between, Ascending, Descending Order, Put The Correct Sign <, >, Backward Counting, Addition, Subtraction, Tens and Ones, Shapes.

**HINDI**

1- **v ls v: rd ek=k**

2- **jaxks ds uke**

3- **Qyksa ds uke**

4**- foyksse 'kCn**

5- **'kCnksa dks Bhd djds fy[kuk**

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**Class II Syllabus**

**ENGLISH**

Articles, Opposites, Use of is, am, are, has/have, Noun and Pronoun, Verbs, Singular/Plural, Genders, comprehension**.**

**MATHS**

Put the sign (>, <, =), Addition, Subtraction of two digit (Carrying – Borrowing), Ascending/ Descending order, Before / After, Multiplication and Division (Tables 2 to 12), Solid Shapes, Weight, Money, Time.

**HINDI**

**ek=k Kku] lKak] loZuke] ,dopu@cgqopu] foykse 'kCn] fyxa ] opu] laf{kIr vuqPNsn**

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**Class III Syllabus**

**ENGLISH**

Noun, Pronoun, Verb, Tenses, Adjective, Gender, Sentences and Types articles, Negative and Positive Sentences, Interrogative Sentences, Antonyms, Homophones, Composition of unseen passage Writing**.**

**MATHS**

Addition, Subtraction, Multiplication, Division, Time, Fractions, Solid Shapes (Cuboids’,

Cube, Cone, Sphere), Mental Math’s

**HINDI**

**lKak] loZuke] fo’ys"k.k] fØ;k] opu] foykse 'kCn] fyxa ] i;kZ;okph] okD; ys[ku**

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**Class IV Syllabus**

**ENGLISH**

Noun, Pronoun, Verb, Tenses, Adjective, Adverbs, Prepositions, Conjunctions, Antonyms, Articles, Synonyms, Similes, Homophones, Composition of unseen passage, Letter/Application writing, Paragraph writing.

HINDI

**LakKk] loZuke] fo’ys"k.k] fØ;k] fØ;k fo’ys"k.k] foykse] fyxa] Ik;kZ;okph] vuqPNsn] Ik= yss[kku**

**MATHS**

Addition of 4 digits, Subtraction of 4 digits, Multiplication of 4 digits, Division of 4 digits,

Fractions / Even and Odd numbers, Measures of Length, Mass and Capacity, Money,

Geometry (Shape identification)

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**Class V Syllabus**

**ENGLISH**

Noun, Pronoun, Verb, Tenses, Adverbs, Prepositions, Conjunctions, Antonyms, Articles,

Synonyms, Similes, Composition of unseen passage, Letter/ Application writing, Story

Writing**.**

**HINDI**

**LakKk] loZuke] fo’ys"k.k] fØ;k] fØ;k fo’ys"k.k] foykse] fyxa] Ik;kZ;okph] vuqPNsn yss[ku**

**MATHS**

Subtraction, Multiplication, Division, Unitary Method, Multiples and Factors, Fractional

Numbers, Measurement of Length, Mass and Capacity, Perimeter and Area.

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**Class VI Syllabus**

**ENGLISH**

Noun, Pronoun, Adverbs, Adjective, Determiners, Tenses, Active & Passive Voice, Direct &Indirect Speech, Letter writing, Notice writing Report Writing, Comprehension of unseen passages**.**

**HINDI**

**LkaKk] LkaKk ds Hksn] loZZuke] fo’ys"k.k] fØ;k] fØ;k ds Hksn] dky] foykse] fyxa] Ik;kZZ;okph] vuqPNsn ys[ku**

**MATHS**

Basic Operation’s, Factors and multiples, Factions, Decimals, Area and Perimeter,

Measurement of length, Mass and Capacity, Volume, Averages.

SCIENCE

Plant reproduction, rocks & minerals, skeletal system, simple machines, moon and

Eclipse, adaptations in animals, nervous system.

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**Class VII Syllabus**

**ENGLISH**

Noun, Pronoun, Verb, Adverbs, Adjective, Determiners, Tenses, Active & Passive Voice, Direct & Indirect Speech, Letter writing, Notice writing, Report Writing, Comprehension of unseen passages.

**HINDI**

**LkaKk] fyxa] opu] dkjd] loZZuke] fo’ys"k.k] dky] fØ;k] fØ;k fo’ys"k.k] milxZ] ÁR;;] Ik;kZ;okph] foykse] vusdkFkZd] vusd 'kCnksa ds fy, ,d 'kCn] eqgkojsa] vifBr x|ka’k ,oa vuqqPNsn**

**MATHS**

Natural Numbers & Whole Numbers, Integers, Factors & Multiples, Percentage, Algebraic Expression, Linear Equation in One Variables, Basic Geometrical Concepts, Line Segments, Angles, Pair of Lines & Transversal, Triangles, Area & Perimeter, Fraction.

**SCIENCE**

1. Mixtures- Separation of substances, separation of soluble solids from liquid, isolable solids from liquids

2. Plant Parts in detail, structure of flower.

3. Components of food, all basic nutrients

4. Water- management & Recycling

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**Class VIII Syllabus**

**ENGLISH**

Noun, Pronoun, Verb, Adverbs, Adjective, Determiners, Tenses, Active & Passive Voice, Direct & Indirect Speech, Gerund & Participles, Phrases & Clauses, Letter writing, Notice writing, Report Writing, Comprehension of unseen passages.

**HINDI**

**LkaKk] loZZuke] fo’ys"k.k] fØ;k fo’ys"k.k] milxZZ] izR;;] Ik;kZ;okph] foykse] fHkUukFkZd] vusdkFkZd] vusd 'kCnksasa ds fy, ,d 'kCn] eqgkojs] yksdksfDar] laca/k cks/kd] leqPp; cks/kd ]fo”e;kfn cks/kd ] laf/k] lekl] vifBr x|ka’k ,oa vuqPNsn**

**MATHS**

Rational numbers, Operations on Rational Numbers, Decimal Representation of Rational Numbers, Exponents, Percentage & Some Applications, Algebraic Expression,

Factorization of Algebraic Expression, Linear Equation in One Variable, Triangles, Congruent Figures, Quadrilaterals, Circle, Area of Rectangular Paths.

**SCIENCE**

Measurement of temperature, Conduction, Convection radiation, Good conductors, Lead conductors. Acids, basics & Natural substance, Elements, Noble gases, Compounds, Chemical reaction, Respiration implants & animals, Combustion & Respiration, Asexual reproduction in plants, Sexual reproduction in plants.

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**Class IX Syllabus**

**English**

*Noun, Pronoun, Verb, Adverbs, Adjective, Determiners, Tenses, Active & Passive Voice, Direct & Indirect Speech, Gerund & Participles, Phrases & Clauses, Letter writing, Notice writing, Report Writing, Comprehension of unseen passages.*

**Hindi**

**Hkk’kk] fyfi ,oa O;kdj.k] dkjd] fØ;k] fØ;k ds #ikUrj] okP;] leqPp; cks/kd] rRle rn~~Hko] okD;] in ifjp; ] fØ;k fo’ys"k.k] laca/k cks/kd] fo”e;kfn cks/kd] milxZZ] ÁR;;] laf/k] lekl] Ik;kZ;okph] foyksse] vusdkFkZd] eqgkojs ykdksfDra] vifBr x|ka’k ,oa vuqqPNsn**

**Maths**

Square & Square roots, Cube & Cube roots, Rational Exponents & Radicals, Profit Loss &Discount, Compound Interest, Algebraic Identities, Factorization of Algebraic Expressions, Polynomials, Equation in one Variable, Parallel Lines, Special Types of Quadrilaterals, Circles, Area of Rectilinear Figures, Circumference & Area of a Circle, Volume & Surface Area.

**Science**

1- Micro Organism, 2- Metals & Non-metals, 3- Carbon, 4- Air, 5- The plant & Animal all , 6- Reflection of light, 7- Structure of Atom, 8- Common disease (polio, rabies, T.B.)