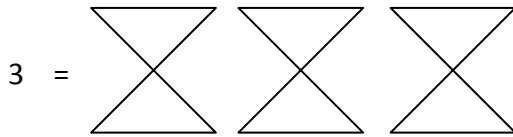


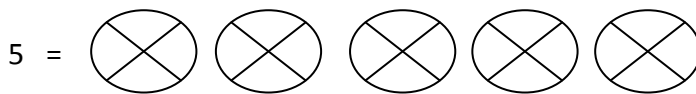
SYLLABUS FOR ENTRANCE EXAM FOR KG2

Mathematics

- RECOGNITION OF NUMBERS 1-30
- COUNT THE OBJECTS AND WRITE THE NUMBER.



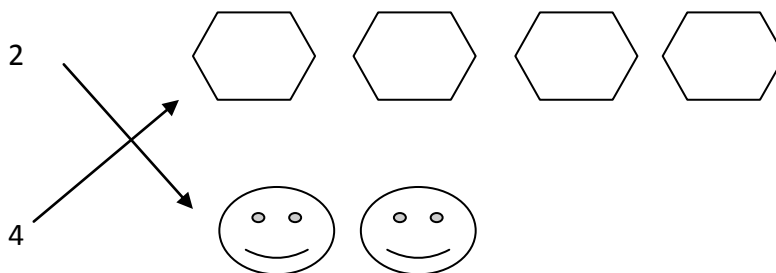
- DRAW BALLS FOR THE GIVEN NUMBER.



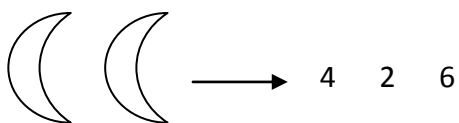
- WHAT COMES AFTER 3, 9, 15
- COUNT AND COLOUR



- NUMBER SEQUENCE: 1 TO 30
- MATCH THE NUMBER WITH THE OBJECTS



- CIRCLE THE CORRECT NUMBER



- JOIN DOTS 1 – 20

ENGLISH

- A – Z CAPITAL AND SMALL LETTERS.
- LOOK AT THE PICTURE AND WRITE THE FIRST LETTER.



C P L



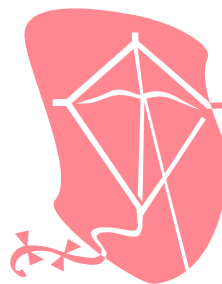
B R G

- MISSING ALPHABETS A, __, __, D, __, __. H, __, __, __, __, M.
- MATCH THE CAPITAL LETTERS WITH THE SMALL LETTERS.

M → p
P → m

R → r

- MATCH THE PICTURE WITH THE FIRST LETTER



K

C

SYLLABUS FOR ENTRANCE EXAM FOR KG2 GOING TO GR 1

English

- Add one more rhyming word
- Circle the rhyming words
- Name the picture (Three letter words with a, e, l, o, u)
- Use of 'is' and 'are'
- Use of 'a' or 'an'
- Use of 'in', 'on' and 'under'
- Days of the week
- One and many
- Colours
- Vowels: a, e, i, o, u
- Opposites

Mathematics

- Numbers 0 to 300
- Number names 0 to 50
- Number after
- Number in between
- Complete the sequence 0 to 300
- Missing numbers 0 to 300
- Addition (single digit)
- Shapes
- Big/small numbers

SYLLABUS FOR ENTRANCE EXAM GRADE 1 GOING TO 2

English

- Punctuation, Capital letters, Commas, full stop and question mark.
- Singular and plural, s, es and irregular nouns.
- Present and past tense (basic vocabulary)
- Use of a/an, is/are, has/have, this/these, do/does.
- Verbs – Action words.
- Adjectives- describing words/ picture description and stories.
- Jumbled sentences
- Sequencing the events in correct order.
- Consonant blends, (bl... br.... tr.... fl.... etc.)
- Double vowel words, (oo, ee, ou, oa, ea, ai)
- Opposites
- Rhyming words

Mathematics

- Concepts of units, tens and hundreds.
- Before/ between/ after.
- Greater than/ less than.
- Number sequence 0-500.
- Skip counting in 2's, 5's and 10's.
- Place value
- Expanded notation.
- Simple addition, subtraction/ multiplication (2 digits)
- Tables of 2, 5 and 10.
- Simple story problems in (addition and subtraction)
- Number names 0-500
- Number dictation, mental maths and tables.

SYLLABUS FOR ENTRANCE FOR GRADE 2 GOING TO GRADE 3

ENGLISH

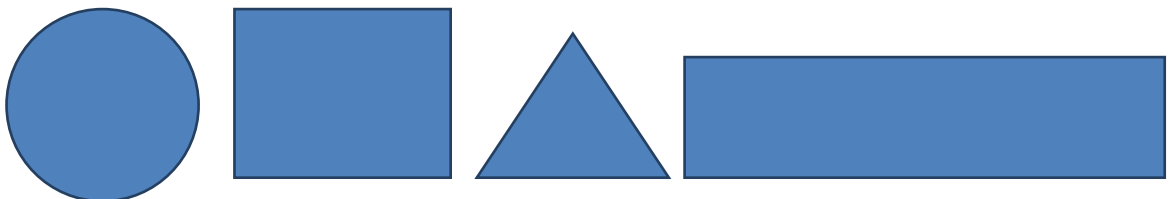
- Alphabets – vowels and consonants.
- Articles – a/ an
- Nouns –Common /Proper noun.
- Verbs –Simple present; adding “ing” ,agreement of nouns/verbs past tense.
- Singular/Plural-**s, es, ies, ves**, irregular verbs.
- Adjectives-Describing words.
- Workers-e. g chemist; doctor etc.

HOMOPHONE

- Opposites
- Prepositions e. g on ; under ;in; into; over.
- Conjunctions-and/and/but; so/because.
- Similies-e.g.as white as snow.
- Collectives nouns.
- Example : A flock of birds; A herd of elephants.
- Essays –descriptive; narrative.
- Picture description.
- Jumbled stories and Unseen passage.

MATHEMATICS

- Number up to 2500
- Before/Between/After
- Greater than /less than
- Ascending Order
- Number names
- Skip counting in 2's,3's,5's and 10's
- Ordinal numbers 1st(first)to 100th(hundredth)
- Tables 2-10
- Odd and EVEN NUMBERS .
- Mixed missing numbers (+,**X**,-)
- Addition, Subtraction ,Multiplication(simple ,borrowing; carry over)
- Simple share and divide eg .6/3=2
- Place value
- Expanded notation
- Story problem(+,**X**,-)
- Shapes



- Time –Quarter ,half, and O' Clock
- Fractions-1/4,1/2,3/4
- Weight and length

Syllabus for Entrance Exam Grade 3 going to 4

Mathematics

- Numeration - Numbers up to 9999
- Order Relation
- Before and After
- Place Value
- Addition] Word Problems with proper statements and answer
- Subtraction] in a complete sentence
- Multiplication] Multiplication and Division facts
- Division] Multiplication and division by one digit
- Calendar and Time time to 5 minutes, Period of time
- Fractions Pictorial, thirds, fifths etc., Fractions & division
- Capacity & Weight Conversion from L to ml, kg to g
Simple +, -, X, with ml / gr
- Area Pictorials – write the area by counting the Squares
Comparison of area
- Graphs Bar Graph – Plotting and Reading
- Money Pictorial – write as pounds and pence
Calculation of £ and P (+, -, X, ÷)
Conversion T to P & vice – a versa
- Geometry 3 basic lines and 3 basic angles
Quadrilaterals, shapes, Cone, Cylinder, circle
(All identification), only identification of these shapes; cone,
cylinder, circle & Quadrilaterals.

English

English Comprehension

- Unseen Passage
 - 1. Testing of 1) Comprehension ability, 2) Ability to express in own words, 3) Grammatical Structure

English composition:

- Description of pictures, people
- Narrative – experiences in two paragraphs
- Testing their imagination, grammar, sequence, punctuation marks, vocabulary, along with their writing ability.

English Grammar

- Nouns - Proper and Common
- Verbs - Action words - Agreement of subject and Verb
- Tenses - Simple Present and past
- Adjectives - Describing words
- Adverbs - Identify the adverbs and the verbs they qualify
- Punctuation - Full stop, Comma, Question Mark, Exclamation mark, Capital letter
- Prepositions
- Conjunctions - and, but, so, because.
- Sentence Construction - 8 to 10 words

Syllabus for Entrance Exam Grade 4 going to 5

English

English Comprehension:

- Unseen passage
- Testing their vocabulary, grammar and comprehension abilities

English Composition:

- Autobiography of Animals
- Letter Writing
- Description of people
- Construction of sentences with 10 – 12 words

Testing their imagination, grammar, sequence, punctuation marks, vocabulary, along with their writing ability

English Grammar

- Nouns - Common, Proper, Collective
- Verbs - Agreement
- Tenses - Simple Present, past, Future
- Adjectives
 - Adjectives of Quality
 - Adjectives of quantity
 - Demonstrative Adjectives
 - Interrogative Adjectives
- Adverbs
 - Adverbs of Manner
 - Adverbs of Place
 - Adverbs of Time
- Punctuation Marks
 - Full stop, comma, Question Marks, Exclamation mark, Capital Letter

Mathematics

- Numeration Numbers up to 99,999
- Addition, subtraction, multiplication, and division problems (4 and 5 digit numbers)
- Fractions (+ , - , x and ÷) word problems
- Decimals (a tenth, a hundredth, a thousandth) problems included
- Money (+ , - , x and ÷) along with problems
- Measurements:
 - Length : cm, m, and km (+ , - , x and ÷)
 - Weight : kg and g (+ and - problems)
 - Capacity : + and - problems (liters and milliliters)
- Time : To and past, earlier than and later than
- Geometry : Angles, triangles, area and perimeter of square and rectangle
Circle (Radius, Diameter) and polygons

Syllabus for Entrance Exam Grade 5 going to 6

English

English Comprehension

1. Unseen Passage
2. Testing the pupil with a higher level of understanding than the plain simple literal comprehension. The pupil learns to read in – between lines and will be assessed on application of both context and structural form.

English Composition

1. Descriptive
2. Narrative
3. Autobiography of things

The pupil is graded for his:-

1. Rich vocabulary
2. Proper use of punctuation
3. Usage of new phrases and idioms / proverb etc.
4. Imagination
5. Logical sequence etc.

English Grammar

1. Nouns - Kinds of Nouns including 'Abstract'
2. Verbs - Tenses and Agreement with the subjects.
3. prepositions
4. conjunctions
5. Adjectives - including ' possessive'
6. Pronouns
7. Punctuation with using ' speech marks'
8. construction of sentences with at least 10 to 12 words

Mathematics

1. Numeration - numbers up to 10 million – Addition, subtraction
2. Rounding off the numbers to the nearest 10, 100, 1000
3. Angles - types of angles, missing angles measuring the angles, constructing the angles using the protractor.
4. Time - 12 hr clock and 24 hr clock
5. Multiplication by two digits ; by 100 using abacus
6. division by one digit ; by 100 using abacus
7. Fractions - Changing the fractions (mixed to improper and vice – versa) Reducing the given fraction to its lowest term, addition, subtraction and multiplication of fractions.
8. Percentages
9. Area - square, rectangle, triangle and parallelogram
10. Volume of a cube and cuboids
11. Averages
12. Reading the graphs. Plotting straight line graph and bar graph, marking the Co-ordinates.
13. decimals - addition, subtraction, division by 10,100 and 1000
14. length, weight, capacity (Km→ m, m→mm, kg →g, L→ml)

Syllabus for Entrance Exam Grade 6 going to 7

Mathematics

- Whole numbers (mixed operations) (addition, subtraction, multiplication, division).
- Fractions (mixed operations) (addition, subtraction, multiplication, division).
- Decimal (mixed operation) (addition, subtraction, multiplication, division)
- Metric units
- Triangles and Angles
- Quadrilaterals
- Factors and Indices
- Area (Rectangle, Squares)
- Co-ordinates
- Directed numbers
- Volume (cubes & cuboids)
- Circles (drawing with radius & diameter)
- Sets
- Percentage (Introduction)
- Bar Graph - Line Graph
- Basic Algebra

English

- Language: Parts of speech - Nouns, Verbs, Adjectives, Adverbs, Pronouns
- Nouns: Common, Proper, Abstract, Collective, Introduction to Prepositions and Conjunctions, Adverbs - Kind Time, Manner, Place. Agreement of Verb and Subject Tenses, Apostrophe, Direct — Indirect speech, Punctuation.
- COMPRE: Students should be able to comprehend a given passage without any Explanation. They should write the answers in their own words.
- COMPO:
 1. Imaginative compo, 4-5 paragraphs. Using interesting adjectives.
 2. Friendly letter
 3. Story writing from given outline

Syllabus for Entrance Exam for Grade 7 going to Grade 8

Mathematics

1. SETS : Basic Ideas, Large sets, Equal sets, Empty sets, Subsets and Venn Diagrams, Intersection sets, disjoint sets.
2. MONEY, LENGTH AND TIME : Money question, meter, centimeter, millimeter and kilometer.
Time: 12hrs-24 hrs Clock Addition and Subtraction of time
3. FACTORS AND MULTIPLES : Prime numbers, common factors, index form, common multiples, least common multiples and highest common factors, word problems
4. GRAPHS & Frequency Table : Bar charts and Pie charts, Reading bar chart and pie charts, finding actual no If angles are given, find angles for drawing pie charts.
5. ANGLES : Different angles, finding the different angles(Right angle, acute angle, obtuse angle, reflex and straight angle, Angles round and point, vertically opposite angles.
6. FRACTIONS : Four operations on fractions, some simple word problems, mixed operations Converting fraction to decimal, decimal to fraction.
7. PARALLEL LINES : Introduction, corresponding allied, alternate, vertically opposite angle and adjacent angles.
8. CONSTRUCTION : Construction of their triangles and their types, bisecting side, bisecting angles, Drawing angles of 60, 120, 90, 30, 45, 150,75 without using protractor
9. AREAS AND VOLUME : Area of rectangle, Square, perimeter of rectangle, square compound figure. To Find no of tiles that an be put in a given room. changing units $\text{cm}^2 - \text{mm}^2$, $\text{M}^2 - \text{cm}^2$, $\text{cm}^2 - \text{m}^2$. Volume of cubes, cuboids, conversion of mm^3 to cm^3 Etc. Area of parallelogram and triangles.
10. AVERAGE PROPORTION AND SPEDE : Simple averages, direct and Inverse proportion, finding speed, time, distance, changing m/s to km / hr and vice versa, find average speed
11. LINE GRAPHS : Reading distance time graph ,finding speed, finding time
12. LETTERS FOR NUMBERS : Using letters for unknown numbers, indices. Simplification of algebraic expression.
13. DIRECTED NUMBERS : Addition and subtraction (revision)
14. SIMPLE : Simple equations ,simple word problems

ALGEBRAIC

15. PERCENTAGES : Changing percentage to fraction and decimals, changing fractions and decimals to percentage, finding of given quantity, simple questions, given percentage, finding actual number, simple figure relating this.
16. CIRCLES : Radius, diameter, circumference chord, find circumference,

English:

- 1 Language;
 - Parts of Speech (Nouns, Verbs, adjectives, Adverbs)
 - 12 tenses
 - Active and Passive voice
 - Direct and indirect speech
2. Comprehension;
 - Unseen passages
3. Composition;
 - Description of People
 - Description of Places and objects
 - Diary writing
 - Story writing

IBN SEENA ENGLISH HIGH SCHOOL

ENTRANCE EXAM SYLLABUS

MATHEMATICS (GRADE 8 TO GRADE 9)

| No | Contents |
|----|---|
| 1 | Multiples, Factors and Powers |
| 2 | Fractions (4 operations) |
| 3 | Number Theory |
| 4 | Sets theory and Venn diagram |
| 5 | Approximation |
| 6 | Negative Numbers |
| 7 | Changing the Subject |
| 8 | Substitution of numbers into expressions(involving powers and brackets) |
| 9 | Linear equations |
| 10 | Indices |
| 11 | Percentages, ratios |
| 12 | Power and root |
| 13 | Parallel lines and angles |
| 14 | Triangles and polygons and quadrilaterals, congruency |
| 15 | Area and perimeter (kite, rhombus, parallelogram, trapezium, square, rectangle) |
| 16 | Pythagoras theorem |
| 17 | Circles, |
| 18 | Frequency tables, bar graph, pie charts |
| 19 | Distance, speed and time graph |
| 20 | LCM, HCF |

ENGLISH (GRADE 8 TO GRADE 9)

LANGUAGE:

1. Revision of Parts of Speech
2. Revision of Tenses (Concentrating on Perfect Continuous Tenses)
3. Direct and Indirect Speech (Question and Imperative sentences)
4. Types of sentences
5. Active / Passive Voice
6. Participles—Phrases (Prepositional, infinitive, Adjectives, Adverbs, Mark out phrases)
7. Distinguish between sentences and phrases
8. Clause – Three types (Noun, Adjective, Adverb)
9. Sentences (Simple, Compound, Complex)

COMPREHENSION

Seen and unseen comprehension text for pupils to read and attempt questions.

COMPOSITION

- 1) Personal Narratives in the form of letters
- 2) Descriptive essays (people, places)
- 3) Newspaper Report
- 4) Interview Writing
- 5) Formal Letters (Letters to the Editor, Complaint and Enquiry, Job Application, Leave Application)

MATHEMATICS (GRADE 9 TO GRADE 10)

| No | Contents |
|----|--|
| 1 | Numbers and factors |
| 2 | Ratio and proportion |
| 3 | Percentage and application |
| 4 | Directed numbers |
| 5 | Multiplication and simplification of algebraic expressions |
| 6 | Identities $(a + b)$, $(a - b)$, $(a + b)$, $(a - b)$ |
| 7 | Simple equation and their applications |
| 8 | Angles and parallel lines |
| 9 | Triangles and parallelograms |
| 10 | Properties of different quadrilaterals |
| 11 | Symmetry about a point and line |
| 12 | Graph and equations of straight lines |
| 13 | Simultaneous equations and applications |
| 14 | Factorization |
| 15 | Quadratic equations and applications |
| 16 | Congruent triangles |
| 17 | Distance - time graphs |
| 18 | Averages |
| 19 | Polygons |
| 20 | Changing the subject of a formula |
| 21 | Similar triangles |
| 22 | Pythagoras theorem and applications |
| 23 | Mensuration |
| 24 | Trigonometry |

ENGLISH (GRADE 9 TO GRADE 10)

COMPREHENSION

Unseen passage:

Kinds of questions: direct reasoning, directed writing task, summary writing skills, language skills [vocabulary].

Grammar : Tenses ;parts of speech, Clauses, Adjective clause, noun clause and adverb clause, Transformation of sentences [simple, compound &complex sentences], Direct &Indirect speech, Transition, Active &Passive Voice, Punctuation.

Criterion for evaluation: quality of answer as per the question asked, to the point answers, knowledge of grammar, spelling and punctuation, ability to understand the purpose of the question.

COMPOSITION

Word limit for composition [250-300]

Kinds of essays: descriptive, narrative, persuasive, argumentative, factual in the following formats: Reports [formal], Articles, Formal Letters: Praise, inquiry, reservation, complaints &condemnation, Speech Writing, Opinion Writing: Debate, one sided opinion, [opinion can be expressed as a letter to the editor or an article], Story Writing.

Criterion for evaluation: knowledge of above mentioned formats, paragraphing skills, diction used, spelling, grammar, punctuation, awareness of the purpose and audience.

MATHEMATICS (GRADE 10 TO GRADE 11)

| No | Contents |
|----|---|
| 1 | Factors: Different methods of factorization- Remainder theorem, Factor theorem. |
| 2 | Formulae and expression |
| 3 | Areas and volumes |
| 4 | The circle : All the circle theorem |
| 5 | Indices |
| 6 | Approximation: Expressing the numbers to a given degree of accuracy Numbers in standard form |
| 7 | Calculation for length of arc, area of sector |
| 8 | Linear equations and inequalities |
| 9 | Graphical representations of inequalities |
| 10 | Trigonometry: Ratios of an acute angle, angle of elevation depression, Bearings (problems in 2 and 3 dimensions) |
| 11 | Quadratic equation |
| 12 | Arithmetic and geometric progressions |
| 13 | Statistics: Mean, medium mode |
| 14 | Graphical representation: Bar chart, histogram, Pie chart |
| 15 | Relations and functions: Domain and range, inverse function and composite function |
| 16 | Set theory |
| 17 | Simple and compound interest: calculating interest, rate principal, time, compound interest, depreciation, periodical borrowing and repayment |

ENGLISH (GRADE 10 TO GRADE 11)

1. Revision of all parts of speech: Nouns, verbs, adjectives, adverbs, pronouns, conjunctions and prepositions.
2. Revision of tenses, active and passive voice.
3. Direct and indirect speech. Indirect questions.
4. Punctuation: Revise the rules.
5. Phrases – all kind: Nouns, adverbial, adjectival, infinitive, participle, prepositional: Exercises to combine sentences with the above.
6. Clauses: Noun clauses, adjectival clauses and adverbial clauses. Also use to combine sentences.
7. Stress on variety of sentences' structure. 35-40 types of sentences are taught.
8. Articles, numbers, confusable words, antonyms synonyms.
9. Transitions.
10. Vocabulary building – changing forms of words as directed.

ENGLISH COMPREHENSION

1. Passage pertaining to a particular theme or topic
2. Passage will have a connecting theme or be connected in some way.
3. Students are encouraged to analyze a given passage after careful reading reach conclusion.
4. Focus on observing paragraph – topic sentences and connectives in given passage.
5. Observe the writers' style.
6. Recognize tone of the passage i.e. serious, light hearted etc.
7. Vocabularies build-up from given passages encouraged.
8. Summary written to be included. Could be in the form of a letter, report, speech, article, leaflet and/or radio broadcast.

ENGLISH COMPOSITION:

1. Descriptive writing: describing a person, place, scene, a process.
2. Reports: newspaper/official/personal/reporting events
3. Articles: informative/persuasive/giving opinions
4. Narrative writing: personal narrative
5. Personal narrative: Focus on sequence of events.
6. Patterns of flow: Time, sequence, events in order of importance.
(in both styles of narrative; focus on connected paragraphs using transitions.)
7. Opinion & Argument writing: Discuss both points of view