



KALPAVRUKSHA MODEL SCHOOL, BAILHONGAL
SYLLABUS FOR APTITUDE TEST 2026-27
Admission to Std. IV

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Dear Parents,

Welcome to the admission process at Kalpavruksha Model School. To help your child prepare for the upcoming Aptitude Test, we have outlined the core topics below. The test is designed to assess foundational literacy and numeracy skills.

English:

- **Reading Skill: Comprehend the unseen passage -5 marks**
- **Writing Skill: 5 marks**
 - ✓ Writing 5 sentences to describe the picture.
- **Grammar: 10 marks**
 - ✓ Singular and Plural of nouns
 - ✓ Opposite words (Antonyms)
 - ✓ Use of Punctuation and Capital Letters
 - ✓ Identifying noun and verb

Mathematics: Topics

- ✓ Addition (Up to 3 digit numbers)
- ✓ Subtraction (Up to 3 digit numbers)
- ✓ Multiplication (Up to 3 digit numbers)
- ✓ Division (Up to 3 digit numbers)
- ✓ Place Value (Up to Ten Thousand)
- ✓ Shapes and Patterns
- ✓ Money
- **Perimeter and Area (2D shapes)**
 - ✓ Perimeter of rectangle (Circumference of circle)
 - ✓ Area of rectangle, square, triangle, parallelogram
 - ✓ Area of circle, sector, segment
- **Volume and Capacity**
 - ✓ Volume of cuboid, cube
 - ✓ Capacity of container
- ✓ Fractions (Addition and Subtraction of fractions)
- ✓ Decimals (Addition and Subtraction of decimals)
- ✓ Patterns (Number and Shape)



KALPAVRUKSHA MODEL SCHOOL, BAILHONGAL
SYLLABUS FOR APTITUDE TEST 2026-07
Admission to Std. V

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Dear Parents,

To help your child prepare for the upcoming entrance assessment at Kalpavruksha Model School, Bailhongal, please find the detailed syllabus below.

1. English (20 Marks)

The English section evaluates reading comprehension, creative writing, and foundational grammar.

- **Reading Skills (5 Marks):** Comprehending an unseen passage².
- **Writing Skills (5 Marks):** Writing 10 descriptive sentences based on a given picture³.
- **Grammar (10 Marks):**
 - Singular and Plural nouns
 - Opposite words (Antonyms)
 - Pronouns
 - Identifying Nouns and Verbs
 - Tenses (Simple Present, Simple Past, and Simple Future)
 - Punctuation

2. Mathematics

The Math section focuses on core arithmetic and basic geometric concepts.

- **Number Sense:** Place Value up to Ten Lakhs
- **Operations:** Addition, Subtraction, Multiplication, and Division of numbers up to 4 digits
- **Number Theory:** Factors and Multiples
- **Fractions:** Understanding different types of fractions
- **Geometry:** Shapes and Patterns (Triangle, Square, Rectangle, and Circle)
- **Time:** Reading and interpreting time

3. Kannada (Second Language)

ಕನ್ನಡ (ದ್ವಿತೀಯ ಭಾಷೆ) ಪಠ್ಯಕ್ರಮ

- **Reading (ವಾಚನ ಕೌಶಲ):** Unseen passage (ಅಪರಿಚಿತ ಗದ್ಯ)
- **Vocabulary:** Simple words (ಸರಳ ಪದಗಳು)
- **Writing (ಬರವಣಿಗೆ):** Picture description (ಚಿತ್ರವಿವರಣೆ)
- **Grammar (ವ್ಯಾಕರಣ):**
 - Letters and word splitting (ಅಕ್ಷರ, ಪದ ಬಿಡಿಸುವಿಕೆ)
 - Gender, Number, Nouns, and Verbs (ಲಿಂಗ, ವಚನ, ನಾಮಪದ ಮತ್ತು ಕ್ರಿಯಾಪದ)
 - Antonyms, Synonyms, and Multiple Meanings (ವಿರುದ್ಧಾರ್ಥಕ, ಸಮಾನಾರ್ಥಕ ಮತ್ತು ನಾನಾರ್ಥಕ ಪದಗಳು)
 - Sentence formation and usage (ವಾಕ್ಯರಚನೆ ಮತ್ತು ಬಳಕೆ)

KALAVRUKSHA MODEL SCHOOL, BAILHONGAL
Entrance Exam Syllabus – 2026-27
Admission to class VI

Dear Parents,

Please find the detailed subject-wise syllabus for the upcoming entrance assessment at Kalpavruksha Model School, Bailhongal.

Subject	Topics & Skills Covered
English	<ul style="list-style-type: none">• Reading: Passage comprehension and question answering• Grammar: Prepositions, Pronouns, Subject-Verb Agreement, and Punctuation• Tenses: Simple (Present, Past, Future) and Continuous (Present, Past)• Writing: Topic-based writing (80–100 words)
Maths	<ul style="list-style-type: none">• Arithmetic: Whole Numbers, Fractions, Decimals, Factors, and Multiples• Algebra: Algebraic Expressions• Measurement: Time, Length, and Liters• Geometry: Triangles, Squares, and Circles• Statistics: Data Handling
Science	<ul style="list-style-type: none">• Human Body: Major organ systems• Health: Nutrition and healthy eating• Biology: Plant parts, their functions, and nature's interdependence• Physics: Force, work, and energy
Kannada	<ul style="list-style-type: none">• Reading: Unseen passage (ಅಪರಿಚಿತ ಗದ್ಯ)• Grammar: Varnamale (ವರ್ಣಮಾಲೆ), Gender & Number (ಲಿಂಗ-ವಚನ), Case endings (ವಿಭಕ್ತಿಗಳು), Punctuation (ಲೇಖನ ಚಿಹ್ನೆಗಳು), and Antonyms (ವಿರುದ್ಧಾರ್ಥಕ ಪದಗಳು)• Writing: Picture description (ಚಿತ್ರವಿವರಣೆ) and Note-making (ಟಿಪ್ಪಣಿಗಳು)
Hindi	<ul style="list-style-type: none">• Reading: Unseen passage (अपठित गद्यांश)• Writing: Picture description (चित्र वर्णन) and Paragraph writing (अनुच्छेद लेखन)• Vocabulary: Antonyms (विलोम शब्द)

KALAVRUKSHA MODEL SCHOOL, BAILHONGAL
Entrance Exam Syllabus - 2026-27
Admission to class VII

Dear Parents,

Please find the detailed subject-wise syllabus for the upcoming entrance assessment at Kalpavruksha Model School, Bailhongal.

Subject	Topics & Skills Covered
English	<ul style="list-style-type: none">• Reading Skill: Reading a passage and answering questions based on it• Grammar: Prepositions, Pronouns, Articles, and Subject-Verb Agreement• Tenses: Simple (Present, Past, Future), Continuous (Present, Past), and Perfect (Present, Past)• Writing Skill: Topic-based writing (100–120 words)
Maths	<ul style="list-style-type: none">• Arithmetic: Fractions, Decimals, HCF, and LCF• Algebra: Algebraic Expressions• Ratio: Ratio and Proportion• Geometry: Triangles, Area, and Perimeter
Science	<ul style="list-style-type: none">• Biology: Getting to know plants, Food and its components• Chemistry: Sorting materials into groups, Changes around us, Water and its importance• Physics: Motion and measurement of distances, Fun with magnets, Electricity and circuits, Light, Shadow and Reflection
Kannada	<ul style="list-style-type: none">• Reading: Unseen passage (ಅಪರಿಚಿತ ಗದ್ಯ)• Grammar: Varnamale and word splitting (ವರ್ಣಮಾಲೆ, ಅಕ್ಷರ ಬಿಡಿಸಿ ಬರೆಯುವುದು), Compound letters (ಸಂಯುಕ್ತಾಕ್ಷರಗಳು - ಸಜಾತಿ, ವಿಜಾತಿ), Gender and Number (ಲಿಂಗ-ವಚನ)• Advanced Grammar: Case endings (ವಿಭಕ್ತಿಗಳು), Kannada Sandhis (ಕನ್ನಡ ಸಂಧಿಗಳು), and Antonyms (ವಿರುದ್ಧಾರ್ಥಕ ಪದಗಳು)• Writing: Picture description (ಚಿತ್ರವಿವರಣೆ)
Hindi	<ul style="list-style-type: none">• Reading: Unseen passage (अपठित गद्यांश)• Vocabulary: Antonyms (विलोम शब्द), Synonyms (पर्यायवाची शब्द), and Gender conversion (लिंग बदलिये)• Writing: Picture description (चित्र वर्णन) and Paragraph writing (अनुच्छेद लेखन)

KALAVRUKSHA MODEL SCHOOL, BAILHONGAL

Entrance Exam Syllabus – 2026-27

Admission to class VIII

Dear Parents,

Please find the detailed subject-wise syllabus for the upcoming entrance assessment at **Kalpavruksha Model School, Bailhongal**.

Subject	Topics & Skills Covered
English	<ul style="list-style-type: none">• Reading Skill: Reading a passage and answering questions based on it• Grammar: Prepositions, Pronouns, Conjunctions, Articles, and Subject-Verb Agreement• Tenses: Simple (Present, Past, Future), Continuous (Present, Past), and Perfect (Present, Past)• Writing Skill: Topic-based writing (100–120 words)
Maths	<ul style="list-style-type: none">• Arithmetic & Algebra: Fractions, Integers, Exponents, Simple Interest, and Algebraic Expressions• Geometry & Mensuration: Parallel Lines and calculations for Square, Rectangle, Circle, and Triangle
Science	<ul style="list-style-type: none">• Physics: Light and its properties, Heat & Temperature, Time & Motion, and Electric Current & its effects• Chemistry: Nature of Matter (Atoms), Chemicals & chemical changes, Soil, Water, Acids, Bases, Salts, and Chemical formulas• Biology: Life Processes including Nutrition, Respiration, and Transportation in Plants & Animals
Kannada	<ul style="list-style-type: none">• Reading: Unseen passage (ಅಪರಿಚಿತ ಗದ್ಯ)• Grammar: Varnamale and word splitting (ವರ್ಣಮಾಲೆ, ಅಕ್ಷರ ಬಿಡಿಸಿ ಬರೆಯುವುದು), Compound letters (ಸಂಯುಕ್ತಾಕ್ಷರಗಳು - ಸಜಾತಿ, ವಿಜಾತಿ), Gender, Number, and Case endings (ಲಿಂಗ-ವಚನ, ವಿಭಕ್ತಿಗಳು)• Parts of Speech: Nouns, Verbs, Adjectives, Kannada Sandhis, and Antonyms (ನಾಮಪದಗಳು, ಕ್ರಿಯಾಪದಗಳು, ವಿಶೇಷಣಗಳು, ಕನ್ನಡ ಸಂಧಿಗಳು, ವಿರುದ್ಧಾರ್ಥಕ ಪದಗಳು)• Writing: Picture description, Letter writing, and Note-making (ಚಿತ್ರವಿವರಣೆ, ಪತ್ರ ಬರಹ, ಟಿಪ್ಪಣಿಗಳು)
Hindi	<ul style="list-style-type: none">• Reading: Unseen passage (अपठित गद्यांश)• Writing: Letter writing (पत्र लेखन), Advertisement writing (विज्ञापन लेखन), and Paragraph writing (अनुच्छेद लेखन)

KALAVRUKSHA MODEL SCHOOL, BAILHONGAL

Entrance Exam Syllabus – 2026-27

Admission to class IX

ENGLISH

- **Reading Skill:**
 - ✓ Reading a passage and answering questions based on it.
- **Grammar:**
 - ✓ Prepositions
 - ✓ Pronouns
 - ✓ Tenses: Use of Simple Present, Simple Past, Simple Future, Present Continuous and Past Continuous, Present, Past and Future Perfect Tense, Present, Past and Future Perfect Continuous Tense
 - ✓ Subject-Verb Agreement: Use of the correct verb in sentences
 - ✓ Articles
 - ✓ Modals (use of can, could, may, might, should, have to etc.)
- **Writing Skill:**
 - ✓ Writing on a topic in not more than 100-120 words

MATHS: Topics

1. Rational Numbers
2. Percentage
3. Profit and Loss
4. Algebraic Expression
5. Linear Equation
6. Factorisation
7. Parallelogram
8. Surface area and volume: Cube, Cuboid, Cylinder

SCIENCE: Topics

1. Force and friction
2. Pressure
3. Light
4. Pollution of air and Water
5. Metals, Non-Metals, Carbon – properties and uses
6. Chemical and chemical changes (Symbol, Chemical equation)
7. Combustion of fossil fuel
8. Cell structure and function
9. Reproduction

10. Age of adolescence

11. Microorganisms

KANNADA

1. C¶ÀpvÀ UÀzÀå
2. ^aÀtð^aÀiÁ^É, CPÀëgÀ ©r¹ §gÉAiÀÄÄ^aÀÅzÀÄ.
3. ÀAAiÀÄÄPÁÛPÀëgÀUÀ¼ÄÄ, ÀeÁw, «eÁw
4. °AUÀ-^aÀZÀ£À
5. «^ˆsÀQÛUÀ¼ÄÄ
6. ÀAçü-À^aÀiÁÀ
7. £Á^aÀÄ¶ÀzÀUÀ¼ÄÄ, QæAiÀiÁ¶ÀzÀUÀ¼ÄÄ
8. «±ÉÃµÀtUÀ¼ÄÄ
9. «gÀÄzÁßxÀðPÀ ¶ÀzÀUÀ¼ÄÄ
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KALAVRUKSHA MODEL SCHOOL, BAILHONGAL

Entrance Exam Syllabus – 2026-27

Admission to class 10

Dear Parents,

Please find the detailed subject-wise syllabus for the upcoming entrance assessment at **Kalpavruksha Model School, Bailhongal**.

Subject	Topics & Skills Covered
English	<p>➤ Reading Skill:</p> <ul style="list-style-type: none"> ✓ Reading a passage and answering questions based on it. <p>➤ Grammar:</p> <ul style="list-style-type: none"> ✓ Prepositions ✓ Pronouns ✓ Tenses: Use of Simple Present, Simple Past, Simple Future, Present Continuous and Past Continuous, Present, Past and Future Perfect Tense, Present, Past and Future Perfect Continuous Tense ✓ Subject-Verb Agreement: Use of the correct verb in sentences ✓ Articles <p>Modals (use of can, could, may, might, should, have to etc)</p> <p>➤ Writing Skill:</p> <p>Writing on a topic in not more than 100-120 words</p>
Maths	<p>MATHS: Topics</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1) Euclid's geometry</div> <div style="width: 33%;">2) Number System</div> <div style="width: 33%;">3) Polynomials</div> <div style="width: 33%;">4) Coordinate Geometry</div> <div style="width: 33%;">5) Lines and Angles</div> <div style="width: 33%;">6) Triangle</div> <div style="width: 33%;">7) Surface area and Volume</div> </div>
Science	<p>SCIENCE: Topics</p> <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;">1) Matter around us</div> <div style="width: 33%;">2) Atoms and molecules</div> <div style="width: 33%;">3) Structure of an atom</div> <div style="width: 33%;">4) Motion</div> <div style="width: 33%;">5) Force and Laws of Motion</div> <div style="width: 33%;">6) Gravitation</div> <div style="width: 33%;">7) Work and Energy</div> <div style="width: 33%;">8) The fundamental unit of life</div> <div style="width: 33%;">9) Tissue</div> <div style="width: 33%;">10) Improvement in food resources</div> </div>

Subject	Topics & Skills Covered
Kannada	<p>KANNADA</p> <ol style="list-style-type: none"> 1. CಫÀpvÀ UÀzÀå 2. ºÀtðªÀiÁÉ, CPÀëgÀ ©r¹ §gÉAiÀÄªÀÅzÀÄ. 3. ¸AAiÀÄPÁÛPÀëgÀUÀ¼Ä, ¸ÀeÁw, «eÁw 4. °AUÀ-ªÀZÀ£À 5. «sÀQÛUÀ¼Ä 6. ¸ÀAçü-ªÀÀiÁÀ 7. £ªÀÄ¥ÀzÀUÀ¼Ä, QæAiÀiÁ¥ÀzÀUÀ¼Ä 8. «±ÉÃµÀtUÀ¼Ä 9. vÀvÀiªÀÄ-vÀzÀãªÀ 10. «gÀÄzÁ¸xÀðPÀ ¥ÀzÀUÀ¼Ä 11. ¥Àæ§AzsÀ 12. ¥ÀvÀæ §gÀ°À
Hindi	<p>HINDI mÉÉæçüqÉ</p> <ul style="list-style-type: none"> * AmÉìPûiÉ aÉ±ÉÇzÉ * AIÉÑcNâûS sÉåZÉIÉ * mÉ§É sÉåZÉIÉ (AÉæmÉcÉÉËUMü) * xÉÔcÉIÉÉ sÉåZÉIÉ