



# KALPAVruksha Model School, Bailhongal

## SYLLABUS FOR APTITUDE TEST 2026-27

### Admission to Std. IV

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

➤ **PA£ÀßqÀ (céwÃAiÀÄ "sÃµÉ)**

- ✓ <sup>a</sup>ÁZÀ£À PË±À® (C¥ÀpvÀ UÀzÀå)
- ✓ ,ÀgÀ¼À ¥ÀzÀUÀ¼ÀÄ
- ✓ §gÉ<sup>a</sup>ÀtÂUÉ–avÀæ«<sup>a</sup>ÀgÀuÉ

➤ <sup>a</sup>ÁåPÀgÀt

- ✓ CPAëgÀ, ¥ÀzÀ ©r,ÀÄ«PÉ
- ✓ <sup>o</sup>AUÀ, <sup>a</sup>ÀZÀ£À, £Á<sup>a</sup>ÀÄ¥ÀzÀ <sup>a</sup>ÀÄvÀÄÛQæAiÀiÁ¥ÀzÀ
- ✓ «gÀÄzÁþxÀðPÀ <sup>a</sup>ÀÄvÀÄÛ ,À<sup>a</sup>ÀiÁ£ÁxÀðPÀ ¥ÀzÀUÀ¼ÀÄ
- ✓ <sup>a</sup>ÁPÀågÀZÀ£É



# KALPAVruksha Model School, Bailhongal

## SYLLABUS FOR APTITUDE TEST 2026-07

### Admission to Std. V

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 passage<sup>2</sup>.
- **Writing Skills (5 Marks):** Writing 10 descriptive sentences based on a given picture<sup>3</sup>.
- **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) ಪ್ರೋಕ್ರಮ

- **Reading (ವಾಚನ ಕೌಶಲ):** Unseen passage (ಅಪರಿಚಿತ ಗ್ರಂಥ)
- **Vocabulary:** Simple words (ಸರಳ ಪದಗಳು)
- **Writing (ಬರವಣಿ):** Picture description (ಚಿತ್ರವರಣಿ)
- **Grammar (ವಾಕ್ಯರಚನೆ):**
  - 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"><li><b>Reading:</b> Passage comprehension and question answering</li><li><b>Grammar:</b> Prepositions, Pronouns, Subject-Verb Agreement, and Punctuation</li><li><b>Tenses:</b> Simple (Present, Past, Future) and Continuous (Present, Past)</li><li><b>Writing:</b> Topic-based writing (80–100 words)</li></ul>
Maths	<ul style="list-style-type: none"><li><b>Arithmetic:</b> Whole Numbers, Fractions, Decimals, Factors, and Multiples</li><li><b>Algebra:</b> Algebraic Expressions</li><li><b>Measurement:</b> Time, Length, and Liters</li><li><b>Geometry:</b> Triangles, Squares, and Circles</li><li><b>Statistics:</b> Data Handling</li></ul>
Science	<ul style="list-style-type: none"><li><b>Human Body:</b> Major organ systems</li><li><b>Health:</b> Nutrition and healthy eating</li><li><b>Biology:</b> Plant parts, their functions, and nature's interdependence</li><li><b>Physics:</b> Force, work, and energy</li></ul>
Kannada	<ul style="list-style-type: none"><li><b>Reading:</b> Unseen passage (ಅಪರಿಚಿತ ಗದ್ದೆ)</li><li><b>Grammar:</b> Varnamale (ವರ್ಣಮಾಲೆ), Gender &amp; Number (ಲಿಂಗ-ವಚನ), Case endings (ವಿಭಕ್ತಿಗಳು), Punctuation (ಲೇಖನ ಚಿಕ್ಕೆಗಳು), and Antonyms (ವಿರುದ್ಧರ್ಥಕ ಪದಗಳು)</li><li><b>Writing:</b> Picture description (ಚಿತ್ರವರಣೆ) and Note-making (ಒಟ್ಟಣಿಗಳು)</li></ul>
Hindi	<ul style="list-style-type: none"><li><b>Reading:</b> Unseen passage (अपरिचित गदांशा)</li><li><b>Writing:</b> Picture description (चित्र वर्णन) and Paragraph writing (अनुच्छेद लेखन)</li><li><b>Vocabulary:</b> Antonyms (विलोम शब्द)</li></ul>



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



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

# **KALAVRUKSHA MODEL SCHOOL, BAILHONGAL**

## **Entrance Exam Syllabus – 2026-27**

### **Admission to class IX**

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#### **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. <sup>a</sup>Àtð<sup>a</sup>ÀiÁÉ, CPÀëgÀ ©r<sup>1</sup> §gÉAiÀÄÄ<sup>a</sup>ÀÀzÀÄ.
3. ,ÀAAiÀÄÄPÁÛPÀëgÀUÀ¼ÀÄ, ,ÀeÁw, «eÁw
4. °AUÀ-<sup>a</sup>ÀZÀ£À
5. «<sup>o</sup>sÀQÛUÀ¼ÀÄ
6. ,ÀAçü-,À<sup>a</sup>ÀiÁ,À
7. £Á<sup>a</sup>ÀÄ¥ÀzÀUÀ¼ÀÄ, QæAiÀiÁ¥ÀzÀUÀ¼ÀÄ
8. «±ÉÃµÀtUÀ¼ÀÄ
9. «gÀÄzÁPxÀðPÀ ¥ÀzÀUÀ¼ÀÄ
10. ¥Àæ§AzsÀ
11. ¥ÀvÀæ §gÀ°À

## HINDI

mÉÉœçüqÉ

- \* AmÉIPûiÉ aÉ±ÉÇzÉ
- \* AlÉÑcNåûS sÉåZÉIÉ
- \* mÉ§É sÉåZÉIÉ
- \* luÉ¥ÉÉmÉIÉ sÉåZÉIÉ

# 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	<ul style="list-style-type: none"> <li>➤ <b>Reading Skill:</b> <ul style="list-style-type: none"> <li>✓ Reading a passage and answering questions based on it.</li> </ul> </li> <li>➤ <b>Grammar:</b> <ul style="list-style-type: none"> <li>✓ Prepositions</li> <li>✓ Pronouns</li> <li>✓ 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</li> <li>✓ Subject-Verb Agreement: Use of the correct verb in sentences</li> <li>✓ Articles</li> </ul> </li> </ul> <p>Modals (use of can, could, may, might, should, have to etc)</p> <ul style="list-style-type: none"> <li>➤ <b>Writing Skill:</b></li> </ul> <p>Writing on a topic in not more than 100-120 words</p>															
Maths	<h3 style="text-align: center;">MATHS: Topics</h3> <p style="text-align: center;">1) Euclid's geometry      2) Number System      3) Polynomials      4) Coordinate Geometry    5) Lines and Angles    6) Triangle      7) Surface area and Volume</p>															
Science	<h3 style="text-align: center;">SCIENCE: Topics</h3> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">1) Matter around us</td> <td style="width: 33%;">2) Atoms and molecules</td> <td style="width: 33%;">3) Structure of an atom</td> </tr> <tr> <td>4) Motion</td> <td>5) Force and Laws of Motion</td> <td></td> </tr> <tr> <td>6) Gravitation</td> <td>7) Work and Energy</td> <td>8) The fundamental unit</td> </tr> <tr> <td>of life</td> <td>9) Tissue</td> <td></td> </tr> <tr> <td>10) Improvement in food resources</td> <td></td> <td></td> </tr> </table>	1) Matter around us	2) Atoms and molecules	3) Structure of an atom	4) Motion	5) Force and Laws of Motion		6) Gravitation	7) Work and Energy	8) The fundamental unit	of life	9) Tissue		10) Improvement in food resources		
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4) Motion	5) Force and Laws of Motion															
6) Gravitation	7) Work and Energy	8) The fundamental unit														
of life	9) Tissue															
10) Improvement in food resources																

Subject	Topics & Skills Covered
Kannada	<p><b>KANNADA</b></p> <ol style="list-style-type: none"> <li>1. C¥ÀpvÀ UÀzÀå</li> <li>2. ªÀtðªÀiÁÉ, CPAëgÀ ©r¹ §gÉAiÀÄÄªÀÀzÀÄ.</li> <li>3. ,ÀAAiÀÄÄPÁÛPÀëgÀUÀ¼ÀÄ, ,ÀeÁw, «eÁw</li> <li>4. °AUÀ-ªÀZÀ£À</li> <li>5. «"sÀQÛUÀ¼ÀÄ</li> <li>6. ,ÀAçü-,ÀªÀiÁ,À</li> <li>7. £ÁªÀÄ¥ÀzÀUÀ¼ÀÄ, QæAiÀiÁ¥ÀzÀUÀ¼ÀÄ</li> <li>8. «±ÉÃµÀtUÀ¼ÀÄ</li> <li>9. vÀvÀiªÀÄ-vÀzÀäªÀ</li> <li>10. «gÀÄzÁPxÀðPÀ ¥ÀzÀUÀ¼ÀÄ</li> <li>11. ¥Àæ§AzsÀ</li> <li>12. ¥ÀvÀæ §gÀºÀ</li> </ol>
Hindi	<p><b>HINDI</b>  <b>mÉÉœçüqÉ</b></p> <ul style="list-style-type: none"> <li>* AmÉlPüiÉ aÉ±ÉÇzÉ</li> <li>* AIÉÑcNåûS sÉåZÉIÉ</li> <li>* mÉ§É sÉåZÉIÉ (AÉæmÉcÉÉËUMü)</li> <li>* xÉÔcÉIÉÉ sÉåZÉIÉ</li> </ul>