

**Indian Heritage Public School**

**Dhariwal, Gsp.**

**Session : 2026-27**

**Class : 7th**

**Syllabus**

**MATHS**

**Term-I**

|              |                              |
|--------------|------------------------------|
| <b>Ch-1</b>  | <b>Integers</b>              |
| <b>Ch-2</b>  | <b>Fractions</b>             |
| <b>Ch-3</b>  | <b>Decimals</b>              |
| <b>Ch-4</b>  | <b>Rotational Numbers</b>    |
| <b>Ch-6</b>  | <b>Exponents and Powers</b>  |
| <b>Ch-7</b>  | <b>Algebraic Expressions</b> |
| <b>Ch-8</b>  | <b>Simple Equations</b>      |
| <b>Ch-9</b>  | <b>Ratio and Proportion</b>  |
| <b>Ch-16</b> | <b>Data Handling</b>         |

**Term-II**

|              |                                        |
|--------------|----------------------------------------|
| <b>Ch-5</b>  | <b>Operations on Rational Numbers</b>  |
| <b>Ch-10</b> | <b>Percentage and its Applications</b> |
| <b>Ch-11</b> | <b>Lines and Angles</b>                |
| <b>Ch-12</b> | <b>The Triangle and its Properties</b> |
| <b>Ch-13</b> | <b>Perimeter and Area</b>              |
| <b>Ch-14</b> | <b>Congruence of Triangles</b>         |
| <b>Ch-15</b> | <b>Practical Geometry</b>              |
| <b>Ch-17</b> | <b>Symmetry</b>                        |

**SCIENCE**

**Term-I**

|             |                                                          |
|-------------|----------------------------------------------------------|
| <b>Ch-1</b> | <b>The Ever-Evolving world of Science</b>                |
| <b>Ch-2</b> | <b>Exploring Substances :- Acidic, Basic and Neutral</b> |
| <b>Ch-3</b> | <b>Electricity - Circuits and their components.</b>      |

|      |                                                   |
|------|---------------------------------------------------|
| Ch-4 | The World of metals and non-metals                |
| Ch-5 | Changes Around Us :- Physics and Chemical Changes |
| Ch-6 | Adolescence :- A stage of growth and Change       |

### **Term-II**

|       |                                 |
|-------|---------------------------------|
| Ch-7  | Heat transfer in nature         |
| Ch-8  | Measurement of time & motion    |
| Ch-9  | Life processes in Animals       |
| Ch-10 | Life processes in Plants        |
| Ch-11 | Light : Shadows and Reflections |
| Ch-12 | Earth, Moon and the Sun         |

### **English Reader**

#### **Term-I**

|               |                                     |
|---------------|-------------------------------------|
| <b>Unit-1</b> | <b>Nature &amp; Environment</b>     |
| Sea A:        | Kali and Rat Snake                  |
| Sea B:        | Can Animals predict Earthquakes ?   |
| Sea C:        | The Sea                             |
| <b>Unit-2</b> | <b>Wit and Humour</b>               |
| Sea A:        | Uncle Podger Hangs a Picture        |
| Sea B:        | Forty Fortunes                      |
| Sea C:        | Rather                              |
| <b>Unit-3</b> | <b>The Nation</b>                   |
| Sea A:        | Shillong. The Rock Capital of India |
| Sea B:        | Panchayati Raj                      |
| Sea C:        | The Coromandel Fishers              |

### **Grammar**

1. The sentence
2. Noun
3. Pronoun

4. *Adjective*
5. *More on Adjective*
6. *Simple Tense*
7. *Continuous Tense*
8. *Modals and Auxiliaries*
9. *Direct and Indirect Speech*
10. *Adverb*
11. *More on Adverb*
12. *King of Chase*
13. *Simple, Complex and Compound Sentence*
14. *Synthesis and Transformation of Sentence*
15. *Comprehension*

### *Term-II*

|               |                               |
|---------------|-------------------------------|
| <i>Unit-4</i> | <i>Overcoming Challenges</i>  |
| <i>Sea A:</i> | <i>Getting to know Ronnie</i> |
| <i>Sea B:</i> | <i>Sudha Chandran</i>         |
| <i>Sea C:</i> | <i>Nine Gold Medals</i>       |

|               |                                       |
|---------------|---------------------------------------|
| <i>Unit-5</i> | <i>Sports</i>                         |
| <i>Sea A:</i> | <i>Gulli Danda</i>                    |
| <i>Sea B:</i> | <i>Jokyo Paralympics</i>              |
| <i>Sea C:</i> | <i>Six Minutes Twenty Six Seconds</i> |

|               |                                    |
|---------------|------------------------------------|
| <i>Unit-6</i> | <i>The Would</i>                   |
| <i>Sea A:</i> | <i>Around the world Eight Days</i> |
| <i>Sea B:</i> | <i>Natural wonders of World</i>    |
| <i>Sea C:</i> | <i>Ozymandias</i>                  |

### *Grammar*

1. *Determiners*
2. *Word formation and Meanings*
3. *Continuous Tense*
4. *Perfect Tense*
5. *Finite Verbs*

6. *Non-Finite Verbs*
7. *Active-Passive Voice*
8. *Subject-Verb Agreement*
9. *Preposition*
10. *Conjunction*
11. *Interjections*
12. *Kind of Clauses*
13. *Comprehension*
14. *Composition*

## **SOCIAL STUDIES**

### **Term-I**

#### **History**

- |             |                                           |
|-------------|-------------------------------------------|
| <i>Ch-1</i> | <i>Medieval India</i>                     |
| <i>Ch-2</i> | <i>Rise of New Kingdoms</i>               |
| <i>Ch-3</i> | <i>The Delhi Sultanate (1206 to 1526)</i> |
| <i>Ch-4</i> | <i>The Mughal Empire</i>                  |
| <i>Ch-5</i> | <i>Medieval Architecture</i>              |

#### **Geography**

- |             |                                      |
|-------------|--------------------------------------|
| <i>Ch-1</i> | <i>Our Environment</i>               |
| <i>Ch-2</i> | <i>The Structure of the Earth</i>    |
| <i>Ch-3</i> | <i>Our Changing Earth</i>            |
| <i>Ch-4</i> | <i>Major Landforms</i>               |
| <i>Ch-5</i> | <i>Air-Composition and Structure</i> |
| <i>Ch-6</i> | <i>Weather and Climate</i>           |

#### **Political Life**

- |             |                                     |
|-------------|-------------------------------------|
| <i>Ch-1</i> | <i>Equality In Indian Democracy</i> |
| <i>Ch-2</i> | <i>Healthcare Services In India</i> |
| <i>Ch-3</i> | <i>The State Government</i>         |
| <i>Ch-4</i> | <i>Gender Issues</i>                |
| <i>Ch-5</i> | <i>Women Empowerment</i>            |

## *Term-II*

### *History*

- Ch-6 Towns Traders and Craftsmen*
- Ch-7 Tribal Communities and their Development*
- Ch-8 Devotional Paths and Religious Movements*
- Ch-9 Development of Regional Cultures*
- Ch-10 Political Formations during The Eighteenth Century*

### *Geography*

- Ch-7 Water and its Circulation*
- Ch-8 Natural Vegetation and Wildlife*
- Ch-9 The Human Environment -Settlement  
Communication and Transport*
- Ch-10 Life in the Tropical and Subtropical Regions*
- Ch-11 Life in the Temperate Regions*
- Ch-12 Life in the Desert Regions*

### *Political Life*

- Ch-6 The Role of Media in Democracy*
- Ch-7 Advertising*
- Ch-8 Markets Around us*
- Ch-9 Towards Equality*

## *Hindi*

### *Term-I*

- पाठ -1 इतने ऊँचे उठो
- पाठ -2 कंचा
- पाठ -3 गिल्लू
- पाठ -4 हिंदी बाल + साहित्य की सही जमीन
- पाठ -5 माँ कह एक कहानी
- पाठ -6 मिठाईवाला
- पाठ -7 मुकदमा हवा-पानी का
- पाठ -8 अकबरी लोटा

### *Term-II*

|         |                      |
|---------|----------------------|
| पाठ -9  | तोडती पत्थर          |
| पाठ -10 | नादान दोस्त          |
| पाठ -11 | मैरी कॉम             |
| पाठ -12 | छुट्टियाँ            |
| पाठ -13 | बाल-लीला             |
| पाठ -14 | अपूर्व अनुभव         |
| पाठ -15 | नाखुन क्यों बढ़ते है |
| पाठ -16 | बदलते रंगों में      |

### *Hindi Grammar*

#### *Term-I*

|         |                               |
|---------|-------------------------------|
| पाठ -1  | भाषा, बोली, लिपि और व्याकरण   |
| पाठ -2  | वर्ण-विचार                    |
| पाठ -3  | शब्द-विचार                    |
| पाठ -4  | शब्द भंडार                    |
| पाठ -5  | शब्द रचना - उपसर्ग प्रत्यय    |
| पाठ -6  | संधि                          |
| पाठ -7  | समास                          |
| पाठ -8  | संज्ञा                        |
| पाठ -9  | विकारक तत्व - लिंग, वचन, कारक |
| पाठ -10 | सर्वनाम                       |

निबंध, पत्र, ई-मेल, चित्र वर्णन,  
नारा या उद्घोष लेखन

#### *Term-II*

|         |                      |
|---------|----------------------|
| पाठ -11 | विशेषण               |
| पाठ -12 | क्रिया               |
| पाठ -13 | काल                  |
| पाठ -14 | अव्यय / अविकारी शब्द |
| पाठ -15 | वाक्य विवेक          |

|         |                                    |
|---------|------------------------------------|
| पाठ -16 | वर्तनी और वाक्य रचना की अशुद्धियाँ |
| पाठ -17 | वाच्य                              |
| पाठ -18 | विराम चिह्न                        |
| पाठ -19 | मुहावरे और लोकोक्तियाँ             |
| पाठ -20 | अपठित बोध                          |

लघुकथा लेखन, विज्ञापन लेखन, सार लेखन,  
संवाद लेखन, धन्यवाद ज्ञापन, अनुच्छेद लेखन

## PUNJABI READER

### *Term-I*

|        |                                |
|--------|--------------------------------|
| ਪਾਠ -1 | ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ |
| ਪਾਠ -2 | ਕਾਮਯਾਬੀ ਦਾ ਭੇਦ                 |
| ਪਾਠ -3 | ਦਲੇਰੀ                          |
| ਪਾਠ -4 | ਸੋਨੇ ਰੰਗੀਆਂ ਧੁੱਪਾਂ             |
| ਪਾਠ -5 | ਘੜੇ ਦਾ ਪਾਣੀ                    |
| ਪਾਠ -6 | ਖੂਨਦਾਨ                         |
| ਪਾਠ -7 | ਮਾਂ ਦਾ ਪਿਆਰ                    |
| ਪਾਠ -8 | ਸਾਵਧਾਨ, ਹੁਸ਼ਿਆਰ                |
| ਪਾਠ -9 | ਲਿਫਾਫ਼ੇ                        |

## Term-II

|         |                         |
|---------|-------------------------|
| ਪਾਠ -10 | ਟੁੱਟੇ ਹੋਏ ਘੜੇ           |
| ਪਾਠ -11 | ਚੁੰਮ-ਚੁੰਮ ਰੱਖੋ          |
| ਪਾਠ -12 | ਆਦਰ ਕਰੋ, ਕਰਾਓ ਆਦਰ       |
| ਪਾਠ -13 | ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਜੀ |
| ਪਾਠ -14 | ਬਾਰਾਂ-ਮਾਹਾ              |
| ਪਾਠ -15 | ਇਮਾਨਦਾਰ ਵਪਾਰੀ           |
| ਪਾਠ -16 | ਨਵੀਆਂ ਗੱਲਾਂ             |
| ਪਾਠ -17 | ਭਰਾਤਰੀ ਪਿਆਰ             |

**PUNJABI GRAMMAR**  
**Term-I**

|         |                   |       |
|---------|-------------------|-------|
| ਪਾਠ -1  | ਭਾਸ਼ਾ             |       |
| ਪਾਠ -2  | ਵਿਆਕਰਨ            |       |
| ਪਾਠ -3  | ਅੱਖਰ-ਬੋਧ ਅਤੇ ਲਿਪੀ | Ch-1  |
| ਪਾਠ -4  | ਸ਼ਬਦ ਬੋਧ          | Ch-2  |
| ਪਾਠ -5  | ਨਾਂਵ              | Ch-3  |
| ਪਾਠ -6  | ਲਿੰਗ              | Ch-4  |
| ਪਾਠ -7  | ਵਚਨ               | Ch-5  |
| ਪਾਠ -15 | ਅਗੇਤਰ-ਪਿਛੇਤਰ      | Ch-6  |
| ਪਾਠ -16 | ਸ਼ਬਦ ਰੂਪਾਂਤਰਨ     | Ch-7  |
| ਪਾਠ -17 | ਵਾਕ ਬੋਧ           | Ch-8  |
| ਪਾਠ -18 | ਬਹੁਅਰਥਕ ਸ਼ਬਦ      | Ch-9  |
| ਪਾਠ -19 | ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ     | Ch-10 |
| ਪਾਠ -24 | ਮੁਹਾਵਰੇ           | Ch-11 |
| ਪਾਠ -25 | ਅਖਾਣਾਂ            | Ch-12 |
| ਪਾਠ -30 | ਲੇਖ-ਰਚਨਾ          | Ch-13 |
| ਪਾਠ -31 | ਪੱਤਰ-ਰਚਨਾ         | Ch-14 |
| ਪਾਠ -32 | ਕਹਾਣੀਆਂ           | Ch-15 |

**Term-II**

|         |                              |       |
|---------|------------------------------|-------|
| ਪਾਠ -8  | ਪੜਨਾਂਵ                       | Ch-16 |
| ਪਾਠ -9  | ਵਿਸ਼ੇਸ਼ਣ                     | Ch-17 |
| ਪਾਠ -10 | ਕਿਰਿਆ                        | Ch-18 |
| ਪਾਠ -11 | ਕਾਲ                          | Ch-19 |
| ਪਾਠ -12 | ਕਿਰਿਆ-ਵਿਸ਼ੇਸ਼ਣ               | Ch-20 |
| ਪਾਠ -13 | ਸੰਬੰਧਕ, ਯੋਜਕ ਅਤੇ ਵਿਸਮਕ       | Ch-21 |
| ਪਾਠ -14 | ਸ਼ਬਦ-ਰਚਨਾ                    | Ch-22 |
| ਪਾਠ -20 | ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ               | Ch-23 |
| ਪਾਠ -21 | ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ | Ch-24 |
| ਪਾਠ -22 | ਪੰਜਾਬੀ ਸ਼ਬਦ-ਜੋੜ              | Ch-25 |
| ਪਾਠ -30 | ਲੇਖ-ਰਚਨਾ                     | Ch-26 |
| ਪਾਠ -31 | ਪੱਤਰ-ਰਚਨਾ                    | Ch-27 |

## **General Knowledge**

### **Term-I**

|              |                                 |
|--------------|---------------------------------|
| <b>Ch-1</b>  | <b>The World of Animals</b>     |
| <b>Ch-2</b>  | <b>All About Tennis</b>         |
| <b>Ch-3</b>  | <b>Indian Music</b>             |
| <b>Ch-4</b>  | <b>Animal Homes</b>             |
| <b>Ch-5</b>  | <b>Literature Quiz</b>          |
| <b>Ch-6</b>  | <b>Indian Achievers</b>         |
| <b>Ch-7</b>  | <b>Indian Environmentalists</b> |
| <b>Ch-8</b>  | <b>Who am I ?</b>               |
| <b>Ch-9</b>  | <b>Information Technology</b>   |
| <b>Ch-10</b> | <b>Terms that Seem Alike</b>    |
| <b>Ch-11</b> | <b>Observation</b>              |

### **Buzzle Game - I**

|              |                                      |
|--------------|--------------------------------------|
| <b>Ch-12</b> | <b>The World of plants</b>           |
| <b>Ch-13</b> | <b>Films and Their Inspiration</b>   |
| <b>Ch-14</b> | <b>Sporting Terms</b>                |
| <b>Ch-15</b> | <b>Ask More on Indian Literature</b> |
| <b>Ch-16</b> | <b>One word Substitution</b>         |
| <b>Ch-17</b> | <b>Our Nation</b>                    |
| <b>Ch-18</b> | <b>The Constitution of India</b>     |
| <b>Ch-19</b> | <b>Scholars/Scientists</b>           |
| <b>Ch-20</b> | <b>Nutrition</b>                     |
| <b>Ch-21</b> | <b>Hi-tech</b>                       |

### **Buzzle Game - II**

|              |                                         |
|--------------|-----------------------------------------|
| <b>Ch-22</b> | <b>Feathered Friends</b>                |
| <b>Ch-23</b> | <b>Cinema of India</b>                  |
| <b>Ch-24</b> | <b>Before Star was Born</b>             |
| <b>Ch-25</b> | <b>Charters who still Live in Books</b> |
| <b>Ch-26</b> | <b>Great men of India</b>               |
| <b>Ch-27</b> | <b>Place and Their Association</b>      |
| <b>Ch-28</b> | <b>What is in a Name ?</b>              |
| <b>Ch-29</b> | <b>Famous People ?</b>                  |
| <b>Ch-30</b> | <b>Inventions and Inventors</b>         |

|              |                          |
|--------------|--------------------------|
| <i>Ch-31</i> | <i>Home Aids</i>         |
|              | <i>Buzzer Game - III</i> |
| <i>Ch-32</i> | <i>Marine World</i>      |
| <i>Ch-33</i> | <i>Sports persons</i>    |
| <i>Ch-34</i> | <i>In the News</i>       |

### *Term-II*

|              |                               |
|--------------|-------------------------------|
| <i>Ch-35</i> | <i>Glossary of Literature</i> |
| <i>Ch-36</i> | <i>Great Kings of India</i>   |
| <i>Ch-37</i> | <i>Sobriquets</i>             |
| <i>Ch-38</i> | <i>Flags that fly high</i>    |
| <i>Ch-39</i> | <i>Around the world</i>       |
| <i>Ch-40</i> | <i>Electrical Symbols</i>     |
| <i>Ch-41</i> | <i>Mixed Bag</i>              |

### *Buzzer Game IV*

|              |                                      |
|--------------|--------------------------------------|
| <i>Ch-42</i> | <i>Animal world</i>                  |
| <i>Ch-43</i> | <i>Cricket Nicknames</i>             |
| <i>Ch-44</i> | <i>Literature Quiz</i>               |
| <i>Ch-45</i> | <i>Anagrams</i>                      |
| <i>Ch-46</i> | <i>India in Space</i>                |
| <i>Ch-47</i> | <i>India Mythology</i>               |
| <i>Ch-48</i> | <i>Imprints on the Sands of Time</i> |
| <i>Ch-49</i> | <i>World Achievers</i>               |
| <i>Ch-50</i> | <i>Science Quiz</i>                  |
| <i>Ch-51</i> | <i>Our Environment</i>               |

### *Buzzer Game V*

|              |                             |
|--------------|-----------------------------|
| <i>Ch-52</i> | <i>Globe Watch</i>          |
| <i>Ch-53</i> | <i>Sports Memorabilia</i>   |
| <i>Ch-54</i> | <i>Proverbs on Numbers</i>  |
| <i>Ch-55</i> | <i>Indian Authors</i>       |
| <i>Ch-56</i> | <i>Places of Pilgrimage</i> |
| <i>Ch-57</i> | <i>The Accelerators</i>     |
| <i>Ch-58</i> | <i>Famous Rulers</i>        |

|              |                        |
|--------------|------------------------|
| <i>Ch-59</i> | <i>Hollywood</i>       |
| <i>Ch-60</i> | <i>Hello Doctor</i>    |
| <i>Ch-61</i> | <i>Mathemagic</i>      |
| <i>Ch-62</i> | <i>Mixed Bag</i>       |
| <i>Ch-63</i> | <i>Fun Quiz</i>        |
| <i>Ch-64</i> | <i>Think It Out</i>    |
| <i>Ch-65</i> | <i>Mathematics Fun</i> |
| <i>Ch-66</i> | <i>Brain Exerciser</i> |

#### **Buzzer Game VI**

|              |                                |
|--------------|--------------------------------|
| <i>Ch-67</i> | <i>FIFA 2026 and More</i>      |
| <i>Ch-68</i> | <i>The Olympic Torch Relay</i> |

### **COMPUTER**

#### ***Term-I***

|              |                                  |
|--------------|----------------------------------|
| <i>Ch-1.</i> | <i>Number System</i>             |
| <i>Ch-2.</i> | <i>Charts in Excel 2016</i>      |
| <i>Ch-3.</i> | <i>Advanced Feature of Excel</i> |
| <i>Ch-4.</i> | <i>More on Animate 2024</i>      |

#### ***Test Sheet - 1***

|              |                          |
|--------------|--------------------------|
| <i>Ch-5.</i> | <i>Internet Services</i> |
| <i>Ch-6.</i> | <i>App Development</i>   |

#### ***Term-II***

|               |                                         |
|---------------|-----------------------------------------|
| <i>Ch-7.</i>  | <i>More on HTMLS</i>                    |
| <i>Ch-8.</i>  | <i>Lists and Tables in HTMLS</i>        |
| <i>Ch-9.</i>  | <i>Algorithmic Intelligence</i>         |
| <i>Ch-10.</i> | <i>Conditional Statements in python</i> |
| <i>Ch-11.</i> | <i>AI for SDGS</i>                      |

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