



**Entrance Exam Syllabus**  
**Entrance to Class IX**  
**Academic Session-2022-23**

<b>S No.</b>	<b>Subject</b>	<b>Syllabus</b>
<b><u>1</u></b>	<b>English</b>	<ul style="list-style-type: none"><li>• Comprehension</li><li>• Integrated Grammar</li><li>• Story Writing</li><li>• Formal and informal letter writing</li></ul>
<b><u>2</u></b>	<b>Maths</b>	<ul style="list-style-type: none"><li>• Exponents</li><li>• Algebraic expressions and Identities</li><li>• Factorization</li><li>• Mensuration</li><li>• Linear equations in one variable</li><li>• Understanding Quadrilaterals</li></ul>
<b><u>3</u></b>	<b>Science</b>	<b>Physics:</b> 1. Force and pressure 2. Friction 3. Light 4. Sound
		<b>Chemistry:</b> 1. Chemical effects of electric current. 2. Metals and non metals 3. Synthetic fibres and plastic 4. combustion and flame.



		<b>Biology:</b> <ol style="list-style-type: none"><li>1. Cell- The fundamental unit of life- discovery of cell, cell number, shape and size, cell structure and function, parts of cell ,cytoplasm, nucleus, comparison of plant and animal cell</li><li>2. Reaching the age of adolescence- adolescence and puberty, changes at puberty, secondary sexual characters, role of hormones in initiating reproductive function, reproductive phase of life in humans, how sex of the baby is determined, hormones other than sex hormones, reproductive health. Myths and taboos</li></ol>
<b>4</b>	<b>Second Language</b>	<b>Hindi:</b> वर्ण-विचार, संधि, समास, वाक्य रूपांतरण (रचना के आधार पर) अपठित बोध, अनुच्छेद लेखन, संवाद-लेखन, पत्र-लेखन (औपचारिक एवं अनौपचारिक)
		<b>Sanskrit:</b> <ol style="list-style-type: none"><li>1. अपठित अवबोधन</li><li>2. धातु रूप - लट, लृट, लंग, लोट एवं विधिलिंग लकार</li><li>3. अजन्त शब्द रूप एवं उपपद विभक्ति</li><li>4. अव्यय शब्द</li><li>5. क्त, क्तवा, तुमुन एवं ल्यप प्रत्यय</li><li>6. प्रश्न निर्माण</li><li>7. संस्कृत में अनुवाद</li><li>8. चित्र वर्णन</li></ol>
		<b>French:</b> <ol style="list-style-type: none"><li>1. Present Tense</li><li>2. Passé Compose</li><li>3. Future</li><li>4. Passé Recent</li><li>5. Future Proche</li><li>6. Imperatif (aff,neg)</li></ol>



		<p><b>German:</b> <b>Grammar:</b></p> <ul style="list-style-type: none"><li>• conjugations of Verbs in present tense : All regular and irregular verbs</li><li>• Partizip Perfekt</li><li>• Framing Questions ( W-Fragen und Ja-Nein Fragen)</li><li>• Präpositionen (dativ/ akkusativ/ wechseln)</li><li>• Dativ personalpronomen</li></ul> <p><b>Writing Skills</b></p> <ul style="list-style-type: none"><li>• EMail Schreiben</li></ul>
		<p><b>Spanish:</b> The difference between Ser, Estar and Hay El pretérito indefinido y El pretérito perfecto (difference) El Presente (the present tense) the regular, irregular and reflexive verbs</p>