

EXCELSUM HIGH SCHOOL

Curriculum

At EXCELSUM HIGH School, our curriculum is designed to provide a balanced blend of academic excellence, experiential learning, creativity, values, skills and holistic development. While following the framework prescribed by the Central Board of Secondary Education (CBSE), we enrich the curriculum through activity-based learning, technology, sports, arts, projects, excursions and opportunities for real-world application.

Our aim is to help every learner develop not only strong academic foundations but also curiosity, confidence, communication skills, critical thinking, collaboration, creativity and responsible citizenship.

1. Early Years –NURSERY to UKG

The Early Years programme follows a Montessori-inspired approach enriched by the Reggio Emilia philosophy. Children learn through exploration, observation, interaction and hands-on experiences.

The curriculum focuses on:

- Language and communication development
- Early mathematical concepts
- Environmental awareness
- Sensory and motor development
- Creative expression through art, music and movement
- Practical life skills
- Social-emotional development
- Storytelling, role play and dramatic expression
- Experiential and theme-based activities

The Talk – Explore – Create – Learn – Display approach encourages children to express their ideas, investigate their surroundings and learn through meaningful experiences.

2. Primary School – Grades 1 to 5

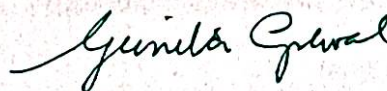
The Primary Years build upon the child's early learning experiences and gradually develop strong academic foundations.

The curriculum integrates:

- English language and literature
- Mathematics
- Environmental Studies
- Punjabi
- Hindi
- French
- Computer education
- General awareness and current-world understanding
- Art, music and creative activities
- Physical education and sports
- Value education and life skills

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Learning is supported through projects, classroom activities, demonstrations, experiments, worksheets, presentations and collaborative tasks, allowing students to connect textbook concepts with everyday life.

3. Middle School – Grades 6 to 8

The Middle School curriculum encourages students to move from foundational learning towards greater independent thinking, inquiry and subject-specific understanding.

Students study subjects such as:

- English
- Hindi
- Punjabi
- Mathematics
- Science
- Social Science
- Computer
- General awareness and other school-based programmes
- Art, sports and physical education

The curriculum is strengthened through case studies, projects, map work, practical activities, presentations, research-based tasks and interdisciplinary learning.

Skill-based programmes such as CBSE Kaushal Bodh activities provide opportunities for students to learn through practical work and develop problem-solving, creativity and application skills.

4. Secondary School – Grades 9 and 10

The Secondary School curriculum follows the CBSE academic framework and focuses on conceptual clarity, application of knowledge and preparation for the Board examinations.

Along with the prescribed academic subjects, students are provided opportunities for:

- Practical and laboratory-based learning
- Projects and subject enrichment activities
- Information and communication technology
- Art and creative expression
- Physical education and sports
- Value education and life skills
- Career awareness and counselling
- Competency-based and application-oriented learning

Special emphasis is placed on developing analytical thinking, problem-solving, effective communication and independent learning habits.

5. Senior Secondary – Grades 11 and 12

The Senior Secondary curriculum provides students with opportunities to pursue subjects according to their interests, abilities and future aspirations.

The school offers pathways including:

Science – Medical

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Students pursue subjects appropriate for medical and allied fields, with emphasis on conceptual understanding, practical work and scientific reasoning.

Science – Non-Medical

The programme develops strong foundations in mathematics, physics, chemistry and related areas, preparing students for further study in engineering, technology, pure sciences and other fields.

Commerce

The Commerce programme develops an understanding of business, economics, finance and related disciplines while building numerical, analytical and decision-making skills.

At this stage, students receive structured career guidance and counselling to help them understand higher-education opportunities, entrance examinations and different career pathways.

6. Technology, Robotics and AI

Technology is integrated into the learning environment to prepare students for a rapidly changing world.

Students are provided exposure to:

- Computer education
- Robotics
- Coding and computational thinking
- Artificial Intelligence
- Digital tools and platforms
- AI and app-building activities
- Technology-supported classroom learning
- Digital learning through the school's LMS

The emphasis is not merely on using technology but on developing digital literacy, creativity, logical thinking and responsible use of technology.

7. Languages and Communication

Language learning is an important component of the school curriculum. Students are encouraged to develop:

- Listening skills
- Speaking and presentation skills
- Reading comprehension
- Vocabulary
- Grammar and writing skills
- Creative expression
- Public speaking and communication



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Through reading programmes, storytelling, presentations, discussions, recitation and other activities, students are encouraged to become confident and effective communicators. Director/Principal

8. Sports and Physical Education

Physical development is considered an integral part of education. Students participate in regular physical education, sports and recreational activities.

The school's sports programme provides opportunities for students to develop:

- Fitness and coordination
- Teamwork
- Discipline
- Leadership
- Perseverance
- Sportsmanship

Opportunities such as cricket, pickleball, badminton and other sporting activities enable students to explore their interests and develop an active lifestyle.

9. Arts, Performing Arts and Creativity

Creative expression is encouraged across age groups through:

- Art and craft
- Music
- Dance
- Theatre and dramatics
- Public speaking
- Recitation
- School productions and cultural programmes

Such activities allow students to develop confidence, imagination, expression and appreciation of art and culture.

10. Value Education and Life Skills

Education at EXCELSUM extends beyond academic achievement. Students are encouraged to develop positive values and life skills through age-appropriate activities and programmes.

The focus includes:

- Respect and empathy
- Responsibility
- Teamwork
- Self-discipline
- Decision-making
- Problem-solving
- Emotional awareness
- Leadership
- Social responsibility
- Responsible citizenship



11. Experiential and Project-Based Learning

Students are regularly provided opportunities to learn by doing. Classroom concepts are connected with real-life experiences through projects, experiments, field visits, educational excursions, demonstrations and hands-on activities.

These experiences encourage students to observe, question, investigate, collaborate and present their learning.

12. Assessment and Progress

Assessment is viewed as an ongoing process that supports learning and improvement. Along with periodic assessments and examinations, students' understanding is strengthened through:

- Classwork and assignments
- Projects
- Practical activities
- Presentations
- Worksheets
- Subject enrichment activities
- Recap and revision exercises
- Competency-based questions
- Internal assessment

The objective is to assess not only what a student remembers, but also how well the student understands, applies, analyses and communicates knowledge.

The EXCELSUM curriculum seeks to create learners who are academically grounded, curious, creative, confident, technologically aware and socially responsible.

Our approach combines the strengths of the CBSE curriculum with experiential learning and opportunities beyond the classroom, ensuring that education becomes meaningful, relevant and connected to the world around the child.



For EXCELSUM HIGH SCHOOL

Director/Principal