

Curriculum @ BIA CBSE

Academic excellence is the hallmark of BIA. The curriculum is the prime objective of the school. The general course of studies from Class I to XII adheres to the syllabi as per CBSE guidelines. The R & D Committee consisting of high-profile educationists designs the Curriculum aligned with NEP / NCF / CBSE / NCERT and books after a systematic scrutiny & careful selection to offer high-quality education that amalgamates with the co-learning activities for a holistic development of students. The medium of instruction is English. The core objective of the curriculum is develop the physical, mental, social, intellectual, cultural, emotional, moral & spiritual aspects of every individual student that contributes to the all-round development of students. With special attention to learn multi subjects and multi languages including Indian & foreign languages the school had included the following subjects in the curriculum varying from grade to grade.

SUBJECTS OF CBSE CURRICULUM FOR GRADES I – II

English, Mathematics, Environmental Science, Computer Science, Hindi Language, Kannada Language, General Knowledge, Moral Science / Value Education, Art & Craft, Physical Education, Swimming, Music, Dance, Life Skills & Library Reading.

SUBJECTS OF CBSE CURRICULUM FOR GRADES III – IV

English, General Science, Social Science, Mathematics and Computer Science, Hindi Language, Kannada Language, General Knowledge, Moral Science / Value Education, Art & Craft, Physical Education, Swimming, Robotics, Scouting, Sports, Music, Dance, Life skills, Global Awareness Program, Hobby classes and other experiential activities during school hours.

SUBJECTS OF CBSE CURRICULUM FOR GRADES V – VIII

English, Science, Social Science, Mathematics, Hindi Language, Kannada Language, Sanskrit & French, General Knowledge, Moral Science / Value Education, Art & Craft, Physical Education, Swimming, Robotics, Scouting, Sports, Music, Dance, Life skills, Global Awareness Program, Hobby classes and other experiential activities during school hours.

SUBJECTS OF CBSE CURRICULUM FOR GRADES IX – X

English, Science, History, Civics, Geography, Disaster Management, Mathematics & IT, Hindi Language, Kannada Language, Sanskrit & French, Art & Craft, Swimming, Sports, Music, Dance, Life skills, Global Awareness Program, Hobby classes and other experiential activities during school hours.

SUBJECTS OF CBSE CURRICULUM FOR GRADES XI-XII

Science Stream: English, Physics, Chemistry, (Compulsory)

Electives: Biology, Mathematics, Computer Science, Economics, Physical Education, Hindi

Commerce Stream: English, Economics, Business Studies, Accountancy (Compulsory)

Electives: Computer Science or Mathematics or Physical Education or Hindi

We at BIA endeavour to promote lifelong learning; and these include ‘collaboration’, ‘asking good questions’, ‘perseverance’, ‘providing support’ and so on. We aim for children to be able to identify and apply their learning to learn skills confidently across all areas of the curriculum. We strongly believe that children learn best from hands on experience and exercising their knowledge. As such, the children will be involved in designing the learning, reflecting on their learning and identify their successes and ways to improve. They will be encouraged to share their ideas, ask questions and

feel safe to take risks and make mistakes. Most importantly, BIA lays importance on children to enjoy their learning. So our journey is an expedition on the path of all-round personality development in the vehicle of academic excellence.

In the Primary Years, we very much feel that we lay the important foundations for the younger generation that BIA children go on to become. We strongly believe that with the right mind set, support and encouragement, every child can realize and meet his / her own potential. We are fortunate to have an enthusiastic team of teachers who are there to support children during their learning journey with us.

The Primary Learning programme is committed to imparting a strong foundation to students of Classes 1-5, in various disciplines such as English, Mathematics, Social Science, Life Science, Language Studies, Environment Science and Information Technology. We provide a challenging academic curriculum, coupled with a very supportive group of facilitators who value the strengths and talents of the individual student and inculcate in them the spirit of enquiry. The curriculum builds on the spirit of exploration. Emphasis is laid on acquiring sound language skills, clarity of mathematical concepts and the discovery and understanding of scientific principles. Here the focus is to develop confidence, to build self-esteem, to expose students to different aspects of learning and to enhance their communication skills. Evaluation of each student's progress is done through Monthly Reviews.

In order to remove the tedium in classroom, a wide range of classroom techniques of teaching are used - such as, group discussions, projects and several unique resources like 'do and learn' technique. This makes the entire learning process a thoroughly enjoyable one. Students start using Maths Lab from Class 1 which will help them sharpen their analytical skills and Junior Science Lab providing hands on experience in learning. Additional Languages Kannada/Hindi is introduced from Class 1 and Sanskrit is introduced as 3rd from Class 5 onwards.

The secondary and senior secondary curriculum is in accordance with CBSE and NEP 2020 with special emphasis on hands on experience. The Middle School years, has the added responsibility of grooming up the personality of each student. The emphasis is on investigation and conceptualization through sharpening their analytical and writing skills. In Classes 6-8 the programme is designed as per CBSE curriculum with focus on interactive and hands on experience sessions.

During these years, students are prepared to tackle different subjects along with learning the challenges of an additional Language. English, Mathematics, Social Science and Science are the core subjects. Apart from these, Subject Enrichment Activities, educational field trips, presentations of projects and class discussions are conducted to strengthen their awareness. Activities and experiments are conducted in the Junior Science Lab, Junior Computer Lab and the Maths Lab. The students get adequate exposure to remain updated in this tech savvy world.

We have special care and academic planning for the students facing the grade 10 or 12 secondary / senior secondary Board examinations. They have a different dedicated schedule of learning throughout the year enhanced to enhance the learning abilities of the students to strengthen them to perform more confidently in the Board Examinations. We offer a broad and balanced curriculum which is designed to match the educational needs of the students within the requirements of the CBSE. Our objective is to equip the students with knowledge, skills and values which will enable them to face the Board Examination with confidence and at ease. Students gain experience in life skills for their personal and professional development that enable them to grow into young adults who are socially aware of their responsibilities towards the society.

A carefully planned academic syllabus in classes 9 and 10 ensures that the student enjoys the years spent in learning and acquires a sound understanding of concepts in Mathematics, Social Science, Science, Computer Science and Languages. Activities and experiments are conducted in the Science Labs, the Maths Lab and the Computer Lab strengthening their practical knowledge.

The syllabus is enriched by teacher designed worksheets and subject integrated projects. Emphasis is placed on learning through curriculum related field trips, talks by invited eminent speakers and presentations. Apart from these, Subject Enrichment Activities are also conducted. The school updates its curriculum annually to keep up with the advancements in technology and modification in CBSE syllabus. The course is intended to provide students a high level of competence through extensive

exposure in the different subjects through practical experiments, presentations, discussions and interaction with renowned resource personnel. Practical Classes organised in the different Labs provide students good exposure to practise the theoretical concepts. We focus in developing proficiency, competence and analytical ability in each subject along with inculcating a taste for research and extra reading with discernment and delight, promoting each child's receptive and productive skills. The students are exposed to different career options to help them decide a niche for themselves in this competitive world.

Subjects offered in Grades XI and XII

● **Science:**

English, Physics, Chemistry, (Compulsory)

Electives / Options:

Biology, Mathematics, Computer Science, Economics, Physical Education, Hindi

● **Commerce:**

English, Economics, Business Studies, Accountancy (Compulsory)

Electives / Options:

Computer Science, Physical Education, Hindi.