STUDY GUIDE

Early years

Makers of leaders

chamanbhartiya.com

CHAMAN BHARTIYA SCHOOL

WELCOME TO CHAMAN BHARTIYA SCHOOL

The curriculum seeks to develop knowledge and skills which will help him to succeed at school, university as well as work.

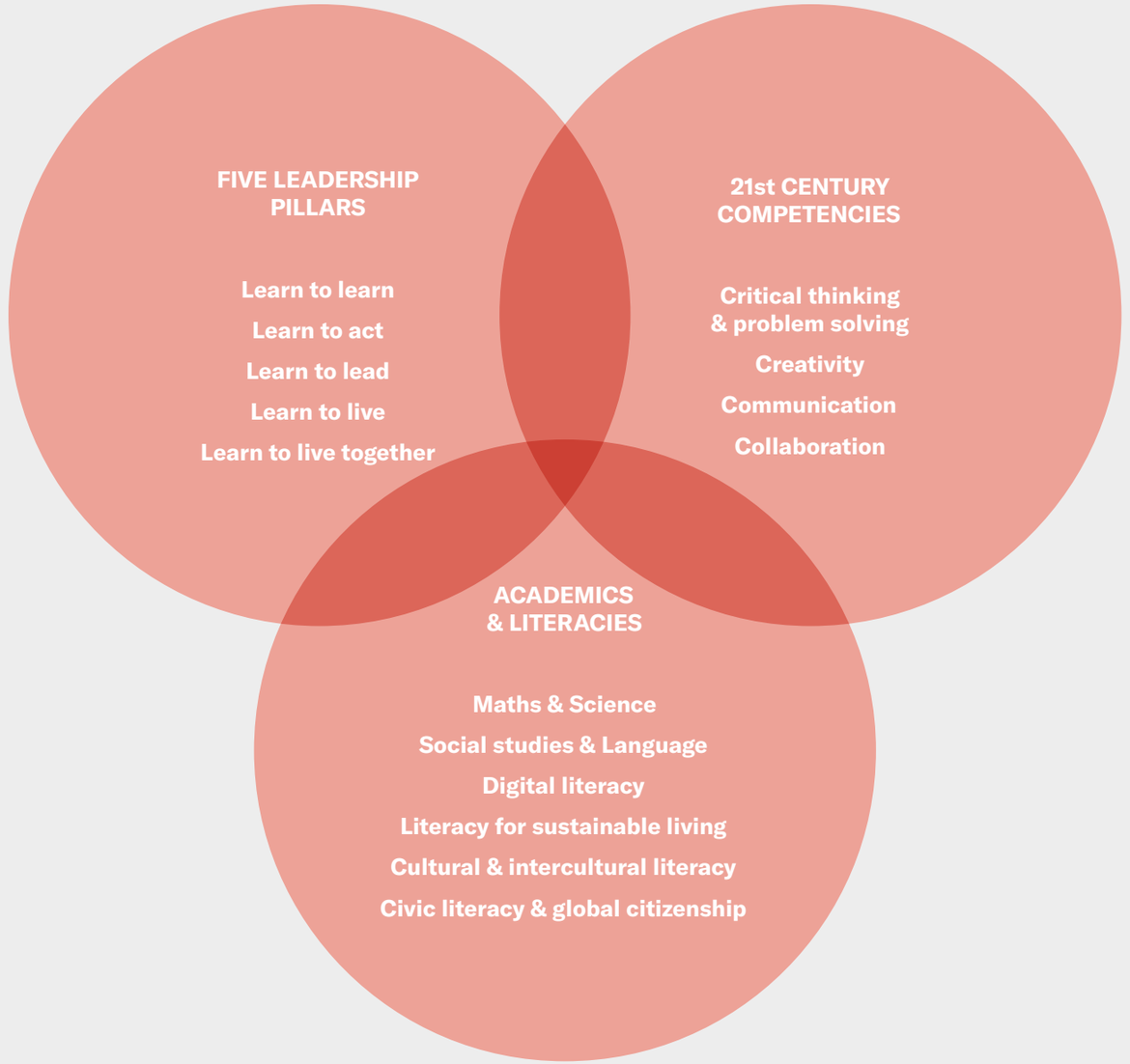
CURRICULUM OBJECTIVES

1. Experiential learning to drive deeper subject knowledge and conceptual understanding.
2. Real life application of knowledge gained
3. Enable students to make links between different aspects of a subject.
4. It is vertically integrated to focus on progression by carefully sequencing knowledge.
5. Integrated approach to develop critical thinking, independent research, collaboration, data analysis, presenting facts and other higher order thinking skills.
6. Is a structured curriculum which allows personalized learning for each child.
7. Holistic development i.e. social, personal, physical, cognitive, emotional & moral is driven by amalgamating the five leadership pillars in the leadership process.
8. It provides opportunities for students to make informed choices in their lives.
9. Designed to empower pupils to be self-directed individuals and emerge as change-makers who bring about transformation in their own lives as well as in their community and the world

AN OVERVIEW OF THE 'WE LEAD' CURRICULUM

Given on the next spread is an overview of our integrated learning approach wherein development of specific learning outcomes is planned and implemented for each learning activity. In-depth understanding of subjects, development of 21st century competencies as well as holistic personality development (moral, emotional, spiritual, social, personal & cognitive) is implemented in a cohesive manner. Student's development on all the above- mentioned aspects is assessed at regular intervals.

Integrated model for holistic development



Implementation of our Integrated Approach

GRADE LEVEL	PROJECT	21ST CENTURY COMPETENCIES	ACADEMIC COMPETENCIES (NEED TO KNOW)	FIVE PILLARS OF LEADERSHIP
PRE K	PLAY Using Lego and other playing materials students make a bridge, design a miniature robot	COLLABORATION Working together in groups CRITICAL THINKING Use thinking skills to design a bridge that is strong enough to hold the toy cars	ENGLISH (Strand: Listening and speaking) Interact effectively with peers and adults. Use oral language to communicate during group discussion MATH (Strand: Pattern and function) Create different patterns using toys and real-life objects	LEARN TO LIVE TOGETHER Enjoy interacting, playing and engaging with others Enjoy taking turns Listen respectfully to others Share their own relevant ideas and and feelings in an appropriate manner Cooperate with others
GRADE 3	CHILD RIGHTS AND RESPONSIBILITIES Students create plans for one specific right/ responsibility that they can execute in their local community in part-nership with NGOs SUSTAINABLE GOAL Reduce Inequality	COLLABORATION Collaborating with social organizations for the project COMMUNICATION Using range of communication media (texts, questionnaires, digital) to work towards the child's rights	SOCIAL STUDIES Explores issues relating to children's rights, roles and responsibilities MATH (Data Handling) Collect, record and organize data related to child rights in pie charts	LEARN TO LIVE TOGETHER Show empathy, compassion and respect towards children with a poor socio-economic background LEARN TO ACT Take action to make a positive difference in the community around them

Our methodology

Academic excellence and nurturing a superior academic performance amongst students lie at the core of our philosophy.

PERSONALIZED LEARNING

We implement the teaching methodology of Personalized learning. Personalized learning refers to a type of teaching method wherein the approach towards learning is adjusted according to the needs of the child. Our 1:10 teacher ratio, emphasis on digital technology and open learning spaces support this approach.

PROJECT BASED LEARNING

It gives students the opportunity to develop knowledge and skills by investigating an issue or a challenge. It connects students to the real world. It prepares students to accept and meet challenges, mirroring what professionals do every day. It gives students the opportunity to engage deeply with subject matter leading to long term retention. It also improves a learner's attitude towards learning. It also enables develop critical thinking, problem solving, research skills, teamwork and collaboration.

In project based learning, pupils go through the cycle of:

1. Creating essential questions and outcomes
2. Researching and gathering information
3. Sorting and sifting
4. Synthesizing information
5. Reporting
6. Evaluating

PLAY IS SERIOUS BUSINESS

At Chaman Bhartiya, Play is serious business, as it is the single most natural, intrinsic approach to the learner's cognitive, physical and socio-emotional development. To enhance the experience of play we have partnered with Lego. Chaman Bhartiya is the only school in South India to be modelled on Lego education methodology. It is an extremely interesting way for students to learn concepts of challenging subjects such as Math & Science. It also stimulates vital skills such as coding, empathy and problem solving.

For more in-depth information on our partnership with Apple, please visit our website.

TECHNOLOGY: CUSTOMIZED LEARNING ECOSYSTEM DEVELOPED BY APPLE

Technology is a vital part of the teaching-learning process at Chaman Bhartiya school. Technology aids in personalizing learning, an aid to foster development of 21st century competencies and enables teachers in designing learning experiences for our students. Our partnership with Apple encompasses:

1. Development of a customized learning ecosystem which integrates technology with our Learning model, this also includes training workshops for our teachers.
2. 1:1 IPAD PROGRAM: At Chaman Bhartiya iPad is a tool which aids academic work. It personalizes learning, inspires creativity and research.
3. MAC LAB: This lab aims to equip students in various domains like presentations, video-editing and app development. It gives students platforms through which they can creatively express their understanding of Project Based Learning. The lab enables students to generate ideas and think innovatively.
4. APPLE PODCAST CENTRE: The studio is fitted with equipment for audio & video recording. It will stimulate creativity and act as a medium to enable learning. The students can use it for filmmaking, mixing, mastering – mediums through which they can communicate their comprehension of subject matter through project-based learning.
5. EVERYONE CAN CREATE AND EVERYONE CAN CODE: Are unique programs offered at our school. Students will learn to code from the age of six as learning to code improves collaboration, problem-solving and critical thinking. Everyone can Create inspires creativity by guiding students to develop and communicate ideas through drawing, photography, video and music.

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Progression plan of Academics in Early Years

FLEXIBLE LEARNING SPACES

Our classrooms are flexible learning spaces which support our approach and aid learning. How do they aid learning?

1. They allow a teacher to personalize learning depending on the student's style of learning.
2. Teachers can assign suitable spaces conducive to different tasks (small group, individual etc.).
3. Learners are more engaged in their work.
4. The flexible layout promotes collaboration & communication.
5. Aids in developing 21st century competencies such as creativity and critical thinking.

An example of a learning space which aids hands-on learning at Chaman Bhartiya is the hydroponics terrace garden within the school premises. Hydroponics is a method of growing plants without using soil. This learning space will be utilized to give hands-on learning to children on aspects such as germination, photosynthesis, life cycle of a plant etc.

Early Years is the commencement of school for the age group 3-6 and a crucial time to build a strong foundation of life-long learning. The Early years at Chaman Bhartiya comprises of Nursery, Lower Kindergarten (LKG) and Upper Kindergarten (UKG). We aim to provide a learning environment that facilitates play based learning along with carefully planned opportunities which allow children to explore, create and learn through exciting, stimulating, interactive and accessible resources. Our Early Years curriculum is influenced by Montessori and Kindergarten methods and focuses on age appropriate milestones that students need to meet for gaining in-depth knowledge.

Our holistic approach aims towards developing fine motor, gross motor, spatial awareness and personal & social skills. Our Inquiry-based approach allows children to explore and learn phonics and Math concepts through games, toys, Lego and different materials. We further expand on the foundations by letting students learn to read, learn to write and develop math skills like addition, subtraction, measurement, patterns & data handling.

Learning opportunities designed in the classroom are experiential, multisensorial, and hands-on. They help students to develop contextual understanding of the world around them. The curriculum at Chaman Bhartiya focuses towards an integrated approach of learning where the learning outcomes of different subjects like English, Math, Science and Social studies are integrated with projects. To facilitate the use of technology, iPads are used as a tool to learn, personalize and differentiate the learning amongst students. Our entire curriculum is divided into the following components.

LANGUAGE AND LITERACY

Using Phonics as a medium, children are introduced to language & literacy from the age of 3 via the Jolly Phonics program. By means of this multisensory approach, students learn all the 42 sounds and their blending technique to read and write. This enables oral communication, basic listening and speaking, reading and comprehending simple texts and writings simple sentences. Different genres of reading and writing are introduced and reading strategies are incorporated to strengthen the listening and comprehension skills.

NUMERACY

Through this component we introduce different Math concepts. Learning mathematics involves providing children with opportunities to develop and, strengthen cognitive skills, enhance relevant concepts and transfer these learnt skills into practical situations of real life. We cover the Math curriculum in five strands which are Number System, Measurement, Patterns & Function, Shape and Space and Data Handling. The children develop their proficiency in counting, understanding and using numbers, calculating simple addition and subtraction problems; and to describe

shapes, spaces, and measurements. Sometimes, these concepts are integrated into the projects to develop contextual understanding and its application in real life situations.

SCIENCE AND SOCIAL STUDIES

Our Science & Social Studies curriculum revolves around children gaining an understanding of the world. Students are guided to make sense of their physical world and surrounding communities through varied opportunities, thereby allowing them to explore, observe and find out about different people, places, technology and the environment.

CREATIVE ARTS

Our Arts curriculum allows children to explore and play using a wide range of media and materials, as well as provides opportunities and encouragement for students to share their thoughts, ideas and feelings through a variety of activities involving art, music, movement, dance, role- play, and design and technology.

PHYSICAL DEVELOPMENT

Gross and fine motor Skills development: Physical development is an important part of the Early Years Curriculum. Through play and project- based learning, children develop their gross and fine motor skills. Hands on activities, group work and projects give children the opportunities to develop themselves physically.

SOCIAL, EMOTIONAL & COGNITIVE DEVELOPMENT

Through flexible learning spaces and project- based learning opportunities are created for students to collaborate and discuss. They start to think, create and construct meaning which enables them to work collaboratively, think critically and make informed choices.

Welcome to a modern and ambitious school, focusing on leadership, academic excellence and 21st century competencies.

CHAMAN BHARTIYA SCHOOL

A member of GLOBAL SCHOOLS' ALLIANCE

Working with SUSTAINABLE DEVELOPMENT GOALS