

STUDY GUIDE

# Elementary School



Makers of leaders

[chamanbhartiya.com](http://chamanbhartiya.com)



# 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

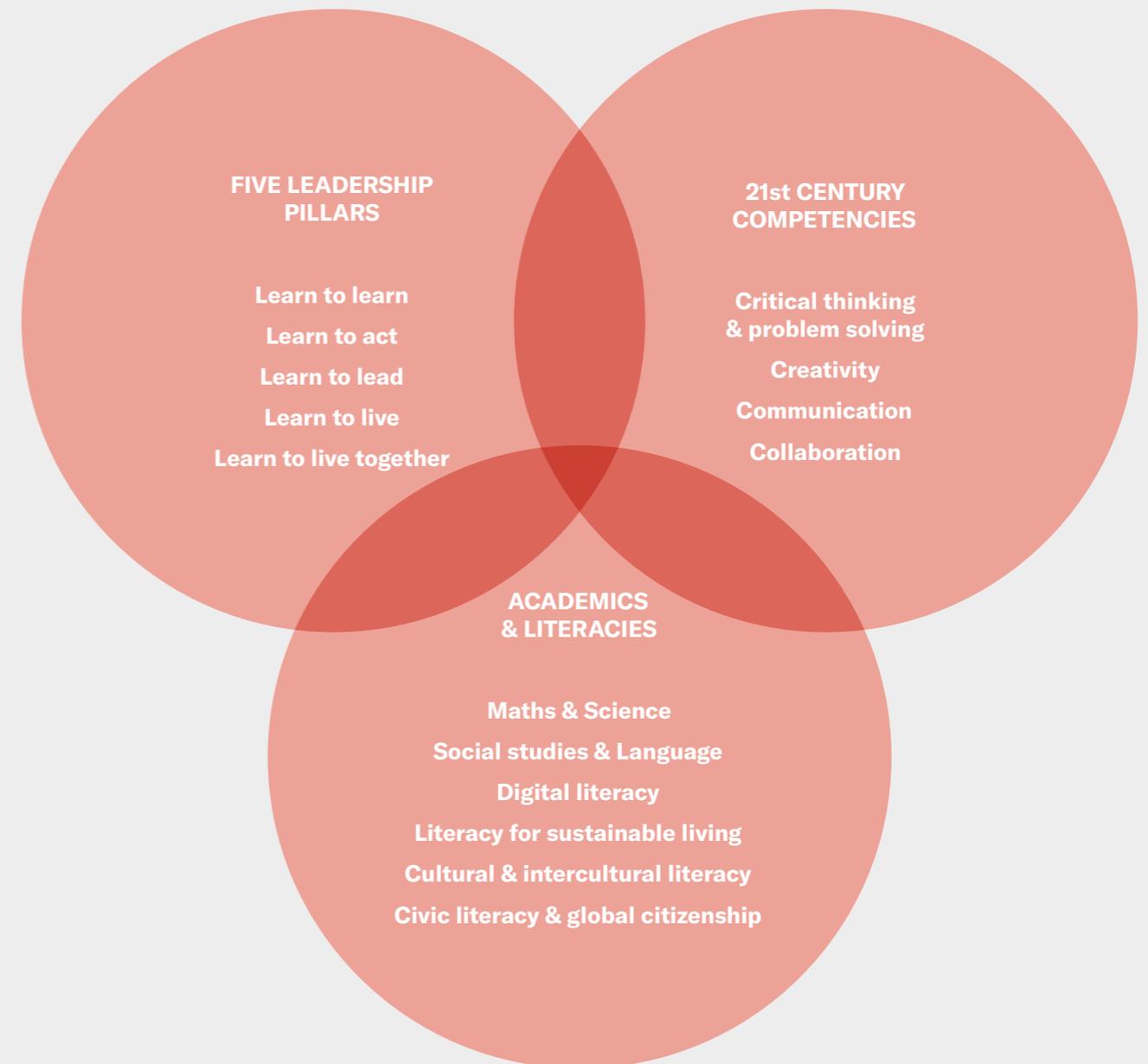
1. Experiential learning to drive deeper subject knowledge and conceptual understanding.
2. Real life application of knowledge gained
3. Enable students to make links between different aspects of a subject.
4. It is vertically integrated to focus on progression by carefully sequencing knowledge.
5. Integrated 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	<p><b>PLAY</b></p> <p>Using Lego and other playing materials students make a bridge, design a miniature robot</p>	<p><b>COLLABORATION</b></p> <p>Working together in groups</p> <p><b>CRITICAL THINKING</b></p> <p>Use thinking skills to design a bridge that is strong enough to hold the toy cars</p>	<p><b>ENGLISH</b> (Strand: Listening and speaking)</p> <p>Interact effectively with peers and adults. Use oral language to communicate during group discussion</p> <p><b>MATH</b> (Strand: Pattern and function)</p> <p>Create different patterns using toys and real-life objects</p>	<p><b>LEARN TO LIVE TOGETHER</b></p> <p>Enjoy interacting, playing and engaging with others</p> <p>Enjoy taking turns</p> <p>Listen respectfully to others</p> <p>Share their own relevant ideas and and feelings in an appropriate manner</p> <p>Cooperate with others</p>
GRADE 3	<p><b>CHILD RIGHTS AND RESPONSIBILITIES</b></p> <p>Students create plans for one specific right/ responsibility that they can execute in their local community in partnership with NGOs</p> <p><b>SUSTAINABLE GOAL</b></p> <p>Reduce Inequality</p>	<p><b>COLLABORATION</b></p> <p>Collaborating with social organizations for the project</p> <p><b>COMMUNICATION</b></p> <p>Using range of communication media (texts, questionnaires, digital) to work towards the child's rights</p>	<p><b>SOCIAL STUDIES</b></p> <p>Explores issues relating to children's rights, roles and responsibilities</p> <p><b>MATH (Data Handling)</b></p> <p>Collect, record and organize data related to child rights in pie charts</p>	<p><b>LEARN TO LIVE TOGETHER</b></p> <p>Show empathy, compassion and respect towards children with a poor socio-economic background</p> <p><b>LEARN TO ACT</b></p> <p>Take action to make a positive difference in the community around them</p>

# 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 Elementary School

## 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.

Our Elementary school begins from Grade 1 and culminates at Grade 5. The curriculum followed in the Elementary is integrated and interdisciplinary.

Students at Chaman Bhartiya learn the curriculum in an environment that is specifically designed in context to promote learning. The atmosphere is conducive having flexible learning spaces that enables children to engage in rich as well as meaningful experiences thereby allowing students to interact with peers and adults in developing lifelong skills. We believe in developing academic competencies, 21st century skills and educating students holistically to nurture their personal, physical, social and emotional wellbeing.

Chaman Bhartiya School offers the elementary program that encourages inquiry & explorations. We believe that when our students explore and solve real-world problems, they build and apply knowledge in an academically rigorous way and develop their skills and mindsets as global citizens. We firmly contemplate that teaching about sustainability emphasizes critical and creative thinking, problem solving, decision making, analysis, co-operative learning, leadership, and communication skills. Children at elementary learn through projects that drive towards sustainable goals and in this journey, they develop 21st century competencies and expertise, they plan their inquiries, research and find answers to their questions by thinking critically and taking action.

The curriculum at Chaman Bhartiya is a blend of na-

tional and international academic expectations which empowers students to develop 21st century academic competencies and skills. The curriculum at Chaman Bhartiya comprises of the following elements.

## LANGUAGE AND LITERACY

The English curriculum at Elementary are divided into four strands listening and speaking, reading, writing & viewing and presenting. All the strands are taught in an interrelated manner. The students are exposed to all the genres of reading and writing. The learning outcomes and the genres are integrated with projects to make learning of language more contextual. Reading strategies are included as a part of language development. All the strands of language evolve around the strengthening of communication and creative thinking skills.

## MATHEMATICS

Mathematics is an integral part of our daily life. Our Mathematics curriculum enables children to think logically, construct meaning, analyze and solve problems by applying their understanding. Mathematical understanding of Numbers, Measures, Shapes, Chance and Data, helps students to master the concepts and relate thinking with real life.

## SCIENCE

Science curriculum at Elementary school aims to develop basic scientific ideas and understanding about the biological and physical aspects of the world. It enables children to analyze the effects of science in our lives and environment. The curriculum content is composed of following strands: Living things, Materials, Energy, Forces & Environmental awareness and care. Understanding of the scientific principles initiates students to take action for self or for the society that in turn helps working towards the attainment of sustainable goals.

## SOCIAL STUDIES

Social Studies curriculum includes diverse concerns of society and a wide range of content drawn from the disciplines of History, Civics, Geography and Economics. The children are introduced to their past through their heritage, family system, changes around them, national and cultural events on the basis of evidences and varied sources. It also enables them to participate effectively in society and explain their relationship to the civic society, public and private property, go-

vernance and their role in it. The curriculum plays an important role in generating sensitivity towards and developing human values of compassion, trust, peace, co-operation, social justice, environmental protection, respect for diversity in the family, public and private property and faith in constitutional values.

## CREATIVE ARTS

Our Arts curriculum allows children to explore and play using 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.



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