







2023-24 Mahindra International School Programme of Inquiry	 <p>How we express ourselves</p>	 <p>How the world works</p>	 <p>Who we are</p>	 <p>How we organize ourselves</p>	 <p>Sharing the planet</p>	 <p>Where we are in place and time</p>
	An inquiry into the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.	An inquiry into the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles; the impact of scientific and technological advances on society and on the environment.	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human.	An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making; economic activities and their impact on humankind and the environment.	An inquiry into rights and responsibilities in the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution.	An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives.
Early Years 1	<p><b>Central idea</b> We use our hundred languages to express ourselves.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- communication, experience Perspective- process</p> <p><b>Line of inquiry</b> 1. Ways we communicate ideas and feelings 2. Tools and materials for expression 3. Process Art as a language</p>	<p><b>Central idea</b> Investigating develops our thinking.</p> <p><b>Key concepts</b> Causation, Change</p> <p><b>Related concepts</b> Causation- properties Change- observation, prediction</p> <p><b>Line of inquiry</b> 1. How we investigate 2. Developing investigations to test our theories 3. What we discover through investigations</p>	<p><b>Central idea</b> Through play we learn about ourselves and others.</p> <p><b>Key concepts</b> Function, Connection</p> <p><b>Related concepts</b> Causation- relationships, self-knowledge Function- agency</p> <p><b>Line of inquiry</b> 1. Exploring our interests 2. Our interactions with others 3. How we are similar and different</p>		<p><b>Central idea</b> Exploring nature leads to new understandings.</p> <p><b>Key concepts</b> Form, Responsibility</p> <p><b>Related concepts</b> Form- exploration, nature Responsibility- discovery</p> <p><b>Line of inquiry</b> 1. What nature is 2. What we discover through our exploration of nature 3. Ways we care for nature around us</p>	
Early Years 2	<p><b>Central idea</b> People create to express themselves.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- identity, imagination Perspective- appreciation</p> <p><b>Line of inquiry</b> 1. How artifacts and memories help us create stories 2. How we use the things around us to tell stories 3. The different ways we are storytellers</p>	<p><b>Central idea</b> Experimenting leads to understanding.</p> <p><b>Key concepts</b> Function, Change</p> <p><b>Related concepts</b> Science- characteristics, innovation, processes Change- characteristics, process Function- innovation</p> <p><b>Line of inquiry</b> 1. What an experiment is 2. Using our senses to experiment 3. Discoveries made through our senses</p>	<p><b>Central idea</b> Our relationships contribute to our well-being.</p> <p><b>Key concepts</b> Causation, Connection</p> <p><b>Related concepts</b> Causation- care, interactions Connection- self-awareness</p> <p><b>Line of inquiry</b> 1. How we are connected with others 2. How friendships affect our well-being 3. Rights and responsibilities within friendships</p>		<p><b>Central idea</b> Our curiosities lead to an appreciation of nature.</p> <p><b>Key concepts</b> Connection, Responsibility</p> <p><b>Related concepts</b> Connection- awareness, discover Responsibility- mindful</p> <p><b>Line of inquiry</b> 1. Our natural environment 2. How we appreciate nature 3. Our responsibility towards nature</p>	
Early Years 3	<p><b>Central idea</b> Our creativity develops through exploring the Arts.</p> <p><b>Key concepts</b> Change, Connection</p> <p><b>Related concepts</b> Change- expression, imagination Connection- interpretations</p> <p><b>Line of inquiry</b> 1. Different art movements and artists 2. Inspiration for creativity 3. Developing our creativity</p>	<p><b>Central idea</b> People use forces and energy to meet their needs.</p> <p><b>Key concepts</b> Function, Form</p> <p><b>Related concepts</b> Form- prediction Function- interaction, movement</p> <p><b>Line of inquiry</b> 1. How objects move 2. External factors which impact a force 3. Experiments with forces and energy</p>	<p><b>Central idea</b> Our health contributes to our well-being.</p> <p><b>Key concepts</b> Perspective, Responsibility</p> <p><b>Related concepts</b> Perspective- wellness Responsibility- choices, cooperation</p> <p><b>Line of inquiry</b> 1. My physical health 2. Nurturing myself 3. Developing a growth mindset</p>		<p><b>Central idea</b> Our actions impact habitats and living things.</p> <p><b>Key concepts</b> Form, Causation</p> <p><b>Related concepts</b> Causation- sustainability Form- classification, consequences</p> <p><b>Line of inquiry</b> 1. Living things in the environment 2. Reasons why habitats are changing 3. Our responsibility towards living things and habitats</p>	
Grade 1	<p><b>Central idea</b> The natural world inspires us to create and design.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- materials, observation Perspective- geometry</p> <p><b>Line of inquiry</b> 1. Different designs and patterns in nature 2. Techniques of creating nature-inspired designs 3. How nature connects to other subjects</p>	<p><b>Central idea</b> Through exploration we discover and apply scientific principles.</p> <p><b>Key concepts</b> Causation, Function</p> <p><b>Related concepts</b> Causation- experiment Function- vibration, waves</p> <p><b>Line of inquiry</b> 1. The sources and properties of light and sound 2. The manipulation of light and sound 3. Ways light and sound help us experience our world</p>	<p><b>Central idea</b> Relationships develop through our choices.</p> <p><b>Key concepts</b> Causation, Perspective</p> <p><b>Related concepts</b> Causation- emotions, self-regulation Perspective- empathy</p> <p><b>Line of inquiry</b> 1. My thoughts, words and actions 2. How to make and maintain friendships 3. Choices and their impact on relationships</p>	<p><b>Central idea</b> We create and develop systems to achieve our purpose.</p> <p><b>Key concepts</b> Responsibility, Change</p> <p><b>Related concepts</b> Change- preservation, process Responsibility- nutrition</p> <p><b>Line of inquiry</b> 1. How raw materials change to finished products 2. Different production systems 3. Responsible consumption</p>	<p><b>Central idea</b> Our world depends on life-sustaining resources.</p> <p><b>Key concepts</b> Function, Connection</p> <p><b>Related concepts</b> Connection- sustainability Function- growth, reproduction</p> <p><b>Line of inquiry</b> 1. Life-sustaining systems 2. How resources meet our needs 3. Nurturing our environment</p>	<p><b>Central idea</b> Personal histories provide an insight into cultural and personal identity.</p> <p><b>Key concepts</b> Form, Connection</p> <p><b>Related concepts</b> Connection- diversity Form- chronology, history</p> <p><b>Line of inquiry</b> 1. How personal histories can be documented 2. The significance of our personal and family stories 3. What we learn from others' history</p>
Grade 1/2	<p><b>Central idea</b> The natural world inspires us to create and design.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- materials, observation Perspective- geometry</p> <p><b>Line of inquiry</b> 1. Different designs and patterns in nature 2. Techniques of creating nature-inspired designs 3. How nature connects to other subjects</p>	<p><b>Central idea</b> Through exploration we discover and apply scientific principles.</p> <p><b>Key concepts</b> Causation, Function</p> <p><b>Related concepts</b> Causation- experiment Function- vibration, waves</p> <p><b>Line of inquiry</b> 1. The sources and properties of light and sound 2. The manipulation of light and sound 3. Ways light and sound help us experience our world</p>	<p><b>Central idea</b> Relationships develop through our choices.</p> <p><b>Key concepts</b> Causation, Perspective</p> <p><b>Related concepts</b> Causation- emotions, self-regulation Perspective- empathy</p> <p><b>Line of inquiry</b> 1. My thoughts, words and actions 2. How to make and maintain friendships 3. Choices and their impact on relationships</p>	<p><b>Central idea</b> We create and develop systems to achieve our purpose.</p> <p><b>Key concepts</b> Responsibility, Change</p> <p><b>Related concepts</b> Change- preservation, process Responsibility- nutrition</p> <p><b>Line of inquiry</b> 1. How raw materials change to finished products 2. Different production systems 3. Responsible consumption</p>	<p><b>Central idea</b> Our world depends on life-sustaining resources.</p> <p><b>Key concepts</b> Function, Connection</p> <p><b>Related concepts</b> Connection- sustainability Function- growth, reproduction</p> <p><b>Line of inquiry</b> 1. Life-sustaining systems 2. How resources meet our needs 3. Nurturing our environment</p>	<p><b>Central idea</b> Personal histories provide an insight into cultural and personal identity.</p> <p><b>Key concepts</b> Form, Connection</p> <p><b>Related concepts</b> Connection- diversity Form- chronology, history</p> <p><b>Line of inquiry</b> 1. How personal histories can be documented 2. The significance of our personal and family stories 3. What we learn from others' history</p>
Grade 2	<p><b>Central idea</b> Technology inspires human communication.</p> <p><b>Key concepts</b> Connection, Function</p> <p><b>Related concepts</b> Connection- creativity Function- expression, technology</p> <p><b>Line of inquiry</b> 1. Evolution of communication 2. Designing communication for different purposes 3. Innovation in communication technology</p>	<p><b>Central idea</b> Humans apply scientific knowledge to explore and transform the world.</p> <p><b>Key concepts</b> Form, Change</p> <p><b>Related concepts</b> Change- transformation Form- classification, process</p> <p><b>Line of inquiry</b> 1. The scientific process 2. Properties of matter and materials 3. Manipulation of resources for new purposes</p>	<p><b>Central idea</b> Our choices influence our health and well-being.</p> <p><b>Key concepts</b> Connection, Responsibility</p> <p><b>Related concepts</b> Connection- awareness, interconnectedness Responsibility- balance</p> <p><b>Line of inquiry</b> 1. Factors of health 2. Experiences that shape our beliefs 3. Developing a balanced lifestyle</p>	<p><b>Central idea</b> Innovation and design drive goods and services.</p> <p><b>Key concepts</b> Connection, Causation</p> <p><b>Related concepts</b> Causation- economy, technology Connection- ingenuity</p> <p><b>Line of inquiry</b> 1. Origins and development of products 2. Distribution and consumption of goods and services 3. Our powers as consumers</p>	<p><b>Central idea</b> Our actions impact sustainability.</p> <p><b>Key concepts</b> Perspective, Responsibility</p> <p><b>Related concepts</b> Perspective- scarcity, resources Responsibility- interdependence</p> <p><b>Line of inquiry</b> 1. Earth's resources 2. Human impact on the environment 3. Sustainable choices for the environment</p>	<p><b>Central idea</b> Journeys enhance our experiences and learning.</p> <p><b>Key concepts</b> Causation, Perspective</p> <p><b>Related concepts</b> Social Studies- geography, impact, interpretation Causation- geography, impact Perspective- interpretation</p> <p><b>Line of inquiry</b> 1. Journeys people make 2. Choices and decisions involved in a journey 3. Experiences gained through journeys</p>
Grade 3	<p><b>Central idea</b> Different art forms can be used to express ourselves.</p> <p><b>Key concepts</b> Connection, Perspective</p> <p><b>Related concepts</b> Connection- appreciation Perspective- communication, expression</p> <p><b>Line of inquiry</b> 1. Expressing through different forms 2. Different experiences can influence and inspire art 3. Appreciation of different art forms</p>	<p><b>Central idea</b> Technological advances lead to new understanding.</p> <p><b>Key concepts</b> Function, Causation</p> <p><b>Related concepts</b> Science- force, gravity, space, technological advances, technology Causation- forces Function- space, technology</p> <p><b>Line of inquiry</b> 1. Uses of scientific principles 2. Technological innovations and discoveries 3. Future possibilities in space exploration</p>	<p><b>Central idea</b> Appreciating people's beliefs can enable us to be global citizens.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- identity Perspective- beliefs, choices</p> <p><b>Line of inquiry</b> 1. Characteristics of a global citizen 2. Experiences that shape our beliefs 3. Similarities and differences among belief systems</p>	<p><b>Central idea</b> Systems create effective learning communities.</p> <p><b>Key concepts</b> Responsibility, Function</p> <p><b>Related concepts</b> Function- initiative, structures Responsibility- interdependence</p> <p><b>Line of inquiry</b> 1. The purpose of systems in our daily life 2. Roles and responsibilities of members in our community 3. Skills, mindsets and strategies to be an effective learner</p>	<p><b>Central idea</b> Biodiversity relies on balance within systems.</p> <p><b>Key concepts</b> Causation, Responsibility</p> <p><b>Related concepts</b> Causation- adaptation, interdependence Responsibility- conservation</p> <p><b>Line of inquiry</b> 1. Interdependence within ecosystems 2. How human interactions can affect the balance of ecosystems 3. The consequences of imbalance within ecosystems</p>	<p><b>Central idea</b> Historical evidence provides insight into the past and present.</p> <p><b>Key concepts</b> Change, Connection</p> <p><b>Related concepts</b> Change- analysis Connection- civilizations, culture</p> <p><b>Line of inquiry</b> 1. How different forms of historical evidence and knowledge can be shared 2. Connections between past and present N/A</p>

Grade 4	<p><b>Central idea</b> Ideas and culture influence design.</p> <p><b>Key concepts</b> Connection, Form</p> <p><b>Related concepts</b> Connection- imagination Form- appreciation, structure</p> <p><b>Line of inquiry</b> 1. The design cycle 2. Various factors influencing design 3. How scientific principles help us express our ideas</p>	<p><b>Central idea</b> Processes result in change.</p> <p><b>Key concepts</b> Causation, Change</p> <p><b>Related concepts</b> Science- geology, interaction, sustainability Causation- interaction Change- geology, sustainability</p> <p><b>Line of inquiry</b> 1. The interrelatedness of Earth's components 2. The continual changes taking place on Earth 3. Human response to the Earth's changes</p>	<p><b>Central idea</b> Personal, social, emotional and physical systems are interdependent.</p> <p><b>Key concepts</b> Function, Connection</p> <p><b>Related concepts</b> Connection- health Function- habits, responsibility</p> <p><b>Line of inquiry</b> 1. How body systems work 2. The interdependence of body systems 3. The impact of lifestyle choices on well-being</p>	<p><b>Central idea</b> Entrepreneurship and innovation shape society.</p> <p><b>Key concepts</b> Function, Causation</p> <p><b>Related concepts</b> Causation- employment Function- consumption, production</p> <p><b>Line of inquiry</b> 1. The structure and function of businesses 2. Understanding how supply and demand has an influence on economic activities 3. Innovate practical and effective goods and services</p>	<p><b>Central idea</b> Opportunities and challenges shape who we are.</p> <p><b>Key concepts</b> Perspective, Responsibility</p> <p><b>Related concepts</b> Social Studies- compassion, empowerment, equality Perspective- empowerment, equality Responsibility- compassion</p> <p><b>Line of inquiry</b> 1. Identifying opportunities and challenges in our communities 2. How people overcome challenges 3. Our responsibility and action towards diversity, equity and inclusion</p>	<p><b>Central idea</b> Explorations lead to discoveries, possibilities and new understandings.</p> <p><b>Key concepts</b> Perspective, Change</p> <p><b>Related concepts</b> Change- geography, progress Perspective- culture</p> <p><b>Line of inquiry</b> 1. Reasons for exploration 2. The evolution and impact of exploration 3. How different points of view impact our interpretations</p>
Grade 5	<p><b>Central idea</b> Media influences our thinking and actions.</p> <p><b>Key concepts</b> Responsibility, Connection</p> <p><b>Related concepts</b> Connection- advertising, interpretation Responsibility- ethics</p> <p><b>Line of inquiry</b> 1. Types of media 2. The role of media in society 3. Rights and responsibility when using media</p>	<p><b>Central idea</b> Innovative thinking influences lives and transforms societies.</p> <p><b>Key concepts</b> Function, Connection</p> <p><b>Related concepts</b> Mathematics- decimal point, length, mass, measurement, place value Science- energy, force, forms of energy (electricity, heat, kinetic, light, potential, sound), motion Connection- discovery, efficiency Function- technological evolutions</p> <p><b>Line of inquiry</b> 1. The application of scientific principles 2. Technological advances 3. Impact of innovative thinking on our lives</p>	<p><b>Central idea</b> Individuals change as they grow and develop.</p> <p><b>Key concepts</b> Change, Form</p> <p><b>Related concepts</b> Change- individuality , perception Form- Similarities and Differences, wellness</p> <p><b>Line of inquiry</b> 1. Experiences that shape my identity 2. Developments in the human body 3. Exploring new transitions in life</p>	<p><b>Central idea</b> Humans create organisations to facilitate societal decision making.</p> <p><b>Key concepts</b> Form, Perspective</p> <p><b>Related concepts</b> Form- structure Perspective- politics, values</p> <p><b>Line of inquiry</b> 1. Types of organizations 2. Process of designing organizations 3. The empowerment of societies through organizations</p>	<p><b>Central idea</b> Energy solutions guide our lives.</p> <p><b>Key concepts</b> Change, Responsibility</p> <p><b>Related concepts</b> Change- conservation, transformation Responsibility- peace</p> <p><b>Line of inquiry</b> 1. Energy sources 2. Consequences of our energy choices 3. Co-constructed with the learners</p>	<p><b>Central idea</b> Human migration impacts our world.</p> <p><b>Key concepts</b> Perspective, Causation</p> <p><b>Related concepts</b> Causation- belonging, disparity Perspective- justice</p> <p><b>Line of inquiry</b> 1. Migration through history 2. Factors influencing migration 3. The effects of migration on communities, cultures and individuals</p>