



NAVRACHANA INTERNATIONAL SCHOOL, VADODARA

SCHOOL PROGRAMME OF INQUIRY(2022-23)



TRANSDISCIPLINARY THEME	Who we are	Where we are in place and time	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
NURSERY	<p>An inquiry into the nature of the self; beliefs & values; personal, physical, mental, social & spiritual health; human relationships including families, friends, communities & cultures; rights & responsibilities; what it means to be human.</p> <p>Central Idea: Exploring ourselves help us understand our abilities, interests and developments Key Concepts : Function, Change, Perspective Related Concepts: Identity, Opinion, Growth Learner Profile: Inquirer, Communicator, Reflective, Risk Taker, Balanced An inquiry into: 1. How I explore using my senses 2. How I am growing and changing 3. Discovering how I am similar and different</p>	<p>An inquiry into the nature of the self; beliefs & values; personal, physical, mental, social & spiritual health; human relationships including families, friends, communities & cultures; rights & responsibilities; what it means to be human.</p> <p>Central Idea: People express themselves in different ways and for different reasons. Key Concepts : Connection, Function, Responsibility Related Concepts: Feelings, Pattern, Self-expression Learner Profile: Caring, Principled, Communicator, Open Minded, Thinker An inquiry into: 1. Natural and artificial light 2. Light behaves differently on different surfaces 3. Exploring shadows</p>	<p>An inquiry into the ways 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.</p> <p>Central Idea: Light is all around us and it behaves in many ways. Key Concepts : Form, Function, Causation Related Concepts: Measurement, Behaviour of light on objects, Cycle (day and night). Learner Profile: Knowledgeable, Reflective, Inquirer, Thinker An inquiry into: 1. Natural and artificial light 2. Light behaves differently on different surfaces 3. Exploring shadows</p>	<p>An inquiry into the interconnectedness of human made systems and communities; the structure & functions of organizations; social decision-making; economic activities & their impact on humankind & the environment.</p> <p>Central Idea: We share our planet with animals and interact with them in different ways. Key Concepts : Form, Connection, Responsibility Related Concepts: Characteristics, Interdependence, Needs Learner Profile: Caring, Reflective, Communicator, Open- Minded An inquiry into: 1. The types of animals on our planet 2. Ways in which animals are useful to us 3. Ways in which people & animals interact</p>		
PREP-JR	<p>Central Idea: Choices people make affect their health and well being. Key Concepts : Form, Causation and Responsibility Related concepts: Choice, influence, balance, patterns, consequences, sequences, impact and initiative. Learner Profile: Thinker, Caring, Balanced and Reflective An inquiry into: 1. Daily habits & routine 2. Importance of staying healthy. 3. Personal Safety.</p>	<p>Central Idea: Human needs for homes depend upon where they are in the world. Key Concepts : Form, Causation and Change Related concepts: Geography and Landscape Learner Profile: Communicator, Reflective and Knowledgeable. An inquiry into: 1. Human needs for homes 2. Human homes in different environment 3. How have homes changed over time?</p>	<p>Central Idea: Stories can engage their audience and communicate meaning. Key Concepts : Form, Causation and Perspective. Related concepts: Pattern, consequences, sequences, communication, expression and creativity. Learner Profile: Thinker, Communicator, Reflective and Knowledgeable. An inquiry into: 1. What is a story 2. What stories can convey 3. How stories are created & shared.</p>	<p>Central Idea: There are people with different jobs who help us everyday. Key Concepts : Function, Connection and Causation. Related concepts: Role, system, relationship, interdependence, needs, interconnectedness and job. Learner Profile: Communicator, Knowledgeable, Reflective and Open minded. An inquiry into: 1. Jobs people do in the community 2. How are community helpers similar and different from each other 3. The impact of community helpers in our day to</p>		
PREP-SR	<p>Central Idea: Families and friends enrich our lives and require nurturing in order to develop. Key Concepts : Form, Connection, Responsibility, Perspective, Related concepts: Family , friends, Relationships, Traditions Learner Profile: Communicator, Open Minded ,Caring, Reflective An inquiry into: 1. Knowing more about my family 2. What friends and families do for us 3. Ways to maintain and nurture friendship</p>	<p>Central Idea: People use signs and symbols to express and communicate Key Concepts :Form, Function, Connection, Perspective Related concepts: Communication, Expression Learner Profile: Thinker, Principled, Inquirer An inquiry into: 1. Signs and Symbols around us 2. Reasons for using signs and symbols 3. Designing and interpreting signs and symbols</p>	<p>Central Idea: Living things have needs in order to grow and survive Key Concepts: Connection, Causation, Change, Related concepts: Cycles, Transformation, Growth Learner Profile: Inquirer, Communicator, Thinker An inquiry into: 1. What living things need to survive 2. Ways to protect themselves in the environment. 3. Changes that happen as living things grow.</p>	<p>Central Idea: Water is a limited natural resource with unique characteristics Key Concepts : Form, Causation, Function, Responsibility Related concepts: Change of state, Pollution, Conservation, Properties and use of materials Learner Profile: Inquirer, Knowledgeable, Reflective. An inquiry into: 1. Properties of water 2. Uses of water 3. Our Responsibility towards water</p>		
GRADE 1	<p>Central Idea: Being aware of our body helps us take care of it. Key concepts: Form, function, responsibility/Perspective. Related concepts: similarities and differences, role, choice Learner Profile: Caring, knowledgeable, inquirer, balanced An inquiry into: 1. Parts of the body 2. Uses of various parts of the body. 3. Taking care of the body</p>	<p>Central Idea: The Physical features of the Earth have undergone a change over time Key Concepts : Change ,form, causation, Related concepts: Geography ,Places, & landscape Learner Profile : inquirer, knowledgeable, principled An inquiry into: 1. Evolution of the planet earth. 2. Physical features of the Earth and their location 3. Causes for change in the physical features.</p>	<p>Central Idea: Sound and light can help us understand and express ourselves. Key concepts: form, function, perspective Related concepts: sound, communication Learner Profile: thinker, inquirer, communicator An inquiry into: 1. Different sources of light and sound. 2. Expressing ourselves through light and sound. 3. People's responses to different light and sounds.</p>	<p>Central Idea: Understanding the properties of air allows people to make practical applications. Key concepts : Form, function, causation/connection. Related concepts : properties, behaviour, choice Learner Profile: Thinker, Reflective, Knowledgeable, inquirer An inquiry into: 1. Properties of air 2. Importance of air 3. Factors affecting the air around us.</p>		
GRADE 2	<p>Central Idea: People are inspired by the lives of others Key Concepts : Form, Connection, Perspective Related concepts: Perception, Opinion, Influence Learner Profile: Reflective, Open-minded, Communicators An inquiry into: 1. Qualities of leaders and role models 2. Stories of some great personalities 3. How are we inspired by the lives of others</p>	<p>Central Idea: Discoveries and inventions have brought about changes in the quality of life Key Concepts: Causation, Change, Perspective/Connection Related concepts- Migration & progress, Population & Settlement, Interconnectedness, Consequence Learner Profiles: Thinkers, Communicators, Knowledgeable An inquiry into: 1. Circumstances that led to inventions and discoveries 2. Discoveries and inventions 3. Impact of discoveries and inventions on human life</p>	<p>Central Idea: People belonging to different groups have unique culture which is expressed in different ways Key Concepts: Form, Function, Connection Related concepts: Similarities, Differences, Impact, Beliefs Learner Profile: Inquirer, communicator, open-minded An inquiry into: 1. Elements that define culture. 2. Exploring our own and other cultures. 3. How other cultures are similar or different from our own culture.</p>	<p>Central Idea: Weather and climate of a place are changing constantly and impact people's daily life Key Concepts : Form, Causation, Connection Related concepts: Adaptation, Lifestyle, Patterns Learner Profile: Knowledgeable, Inquirers, Thinkers An inquiry into: 1. Climatic zones of the world 2. Factors affecting the weather and climate of a place 3. Impact of severe weather conditions on human life</p>		
GRADE 3	<p>Central Idea: Children are a unique part of our society who have specific rights. Key Concepts : Form, Responsibility & Causation Related concepts: Rights, Responsibility, consequences Learner Profile: Caring, open minded, Balanced, Reflective An inquiry into: 1. Child rights 2. Rights and responsibilities of children. 3. Importance of child rights.</p>	<p>Central Idea: Monuments represent people and events that are significant to the heritage of a place. Key Concepts: Form, Change/Connection ,Responsibility Related concepts: Monuments, Chronology, History, Conservation Learner Profile: Inquirer, Thinker, communicator An inquiry into: 1. Famous Monuments of the World 2. What do monuments tell us 3. Conservation of the Heritage and Restoration of Monuments</p>	<p>Central Idea: We can express ourselves in many different ways. Key Concepts: Form, Change and Perspective Related concepts: Transformation, Communication, Subjectivity Learner Profile: Thinker, communicator, Open-minded An inquiry into: 1. Different forms of expression (verbal, non-verbal and art form) 2. Other modes of communication(Past to Present) 3. Forms of expressions we choose to express our feelings/ideas</p>	<p>Central Idea: Earth is a part of the immense system called the universe. Key Concepts : Form/Function, Causation & Connection Related concepts: structure, atmosphere, movement, seasons Learner Profile: Inquirer, Knowledgeable, communicator An inquiry into: 1. Relationship between Earth and Celestial Bodies 2. Reasons for earth being a unique planet 3. How the earth's movements affect life on the planet</p>		
GRADE 4	<p>Central Idea: Different systems function in coordination to keep the body healthy. Key Concepts : Form & Function, Connection, Responsibility Related concepts: Structure, Systems, Interdependence, Health, Responsibility Learner Profile: Inquirers, Knowledgeable, Reflective, balanced An inquiry into: 1. Functions of human body systems 2. Interdependence of human body systems. 3. Health & hygiene of my body.</p>	<p>Central Idea: Human Migration is a response to challenges, risks and opportunities Key Concepts: Form, Causation, Change, Connection Related concepts- Migration & progress, Population & Settlement, Interconnectedness, Consequence Learner Profile: Inquirers, knowledgeable, Caring, Principled, Openminded An inquiry into: 1. Types and reasons of migration 2. Migration throughout history. 3. Effects of migration on communities, culture and tradition.</p>	<p>Central Idea: Conflict management skills help us express our feelings to move towards peaceful resolution. Key concepts: Form, causation, perspective, Responsibility Related concepts: Conflict, communication, settlement Learner Profile: Communicator, Thinker, Inquirers, Caring, Principled, Openminded An inquiry into: 1. Types of conflicts (interpersonal and intrapersonal) (form) 2. Causes and effects of conflicts 3. Conflict resolution and management</p>	<p>Central Idea: Energy may be converted, transformed and used to support human progress. Key Concepts: Form & Function, Change, Responsibility. Related concepts: Conservation & transformation Learner Profile: Inquirers, knowledgeable, thinkers, communicators, reflective An inquiry into: 1. Different forms of energy 2. How energy is used (transformation) 3. Sustainable energy practices</p>		
GRADE 5	<p>Central Idea: Changes in our body depend upon the choices we make. Key concepts: Connection, Causation, Change and Responsibility Learner Profile: Reflective, Knowledgeable, Inquirer An inquiry into: 1. Factors influencing growth and development . 2. Causes and prevention of ill-health and diseases. 3. Changes we undergo.</p>	<p>Central Idea: Evidence of past civilizations can be used to make connections to present-day societies Key concepts: Form, Connection, Causation, Change, Function Learner Profile: Inquirer, Open-minded, Communicator, Thinker An inquiry into: 1. Characteristics of civilizations and societies. 2. Connections between past and present. 3. Processes involved in collecting, analyzing and validating evidence.</p>	<p>Central Idea : Media is a powerful tool which impacts our perception of the world around us. Key Concepts : Form, Function, Perspective Learner Profiles : Thinker, Open-Minded, Communicator An inquiry into: 1. Types of Media 2. The impact of images & language. 3. Responsible use of Media.</p>	<p>Central Idea: Humans use their understanding of principles of force and simple machines to make their life easier. Key concepts: Form, Function, Connection, Change, Causation Learner Profile: Inquirer, Thinker, Communicator, Knowledgeable An inquiry into: 1. Types of forces 2. The six simple machines. 3. The relationship between force and motion.</p>		