

## PROGRAMME OF INQUIRY

Islamic Village School PYP



	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
	An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationship including families, communities, and cultures; rights and responsibilities; what it means to be human.	An inquiry into orientation in place and time; personal histories; and journeys; the discoveries, explorations and migrations of humankind; the relationship and the interconnectedness of individuals	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 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 interconnectedness of human-made system 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 relationship within and between them; access to equal opportunities; peace and conflict resolution.
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<b>PRE-K</b>	<p>Knowing ourselves will be able to recognize the environment around us.</p> <p><b>Key concepts:</b> form, change, responsibility</p> <p><b>Related concepts:</b> similarities and differences, adaption</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• What we look like</li> <li>• Alike and different</li> <li>• How to take care ourselves</li> </ul>		<p>Through colors and music we express our feelings and ideas.</p> <p><b>Key concepts:</b> Form, Function, perspective</p> <p><b>Related concepts:</b> properties, communication, opinion</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• Colors and music instrument exploration</li> <li>• Expressing through play and music</li> <li>• Colors and music influence our action</li> </ul>	<p>Water is useful for the survival of living things.</p> <p><b>Key concepts:</b> Function, connection, causation</p> <p><b>Related concepts:</b> Behavior, system</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• The source of water</li> <li>• The function of the water for living things</li> <li>• Activities for human to save the water</li> </ul>		<p>Human and pets interact in different ways</p> <p><b>Key concepts:</b> Form, Connection, Responsibility</p> <p><b>Related concepts:</b> system, behavior, well-being</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• Characteristics and needs of pet</li> <li>• How people take care for pet</li> <li>• Our responsibilities for the well-being of pet</li> </ul>

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K 1	<p>Family relationship have impact on shaping identity.</p> <p><b>Key concepts:</b> form, function, responsibility  <b>Related concepts:</b> Similarities and differences, belonging, rules</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Diversity of family characteristics</li> <li>The role and responsibility in my family</li> <li>How families influence who we become</li> </ul>		<p>Sharing our feelings and ideas can develop effective communication.</p> <p><b>Key concepts:</b> Perspective, Function  <b>Related concepts:</b> opinion, communication</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Ways in which we express our feelings and ideas</li> <li>Sharing our feelings and ideas</li> <li>Communicate our thoughts</li> </ul>	<p>Understanding weather patterns informs decision making.</p> <p><b>Key concepts:</b> change, form, causation  <b>Related concepts:</b> cycle, system</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Types and causes of weather (<b>sunny, rainy,</b> cloudy, snowy, windy, stormy)</li> <li>What changes happen during daily and seasonal cycles</li> <li>The effects of weather</li> <li></li> </ul>		<p>Plants impact our lives</p> <p><b>Key concepts:</b> form, causation, responsibility  <b>Related concepts:</b> Role, initiative, impact</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Caring for plants</li> <li>Products from plants</li> <li>How plants contribute to life</li> </ul>
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K 2	<p>Our unique characters influence how we interact with others.</p> <p><b>Key concepts:</b> form, perspective, causation  <b>Related concepts:</b> Identify, similarities, differences</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Our Characteristics, abilities and interest</li> <li>Similarities and differences between others</li> <li>How we can cooperate and interact with each other</li> </ul>		<p>Talent and interest affect their art choices.</p> <p><b>Key concepts:</b> form, perspective, connection  <b>Related concepts:</b> structure, communication, subjectivity</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Rhyme and rhythm as parts of language</li> <li>Songs and rhymes as a form of personal expression</li> <li>Stories that are based on life experiences</li> </ul>	<p>Living things undergo a process of change.</p> <p><b>Key concepts:</b> causation, change, connection  <b>Related concepts:</b> grow, cycle, pattern, similarities and differences</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Pattern of growth (human and animal : frog &amp; butterfly)</li> <li>How living things change over their lifetime</li> <li>Factors that can influence life cycle</li> </ul>		<p>The trash we produce and how we respond affects our environment.</p> <p><b>Key concepts:</b> form, causation, responsibility  <b>Related concepts:</b> classification, behavior</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Kinds of organic and an organic trash</li> <li>Our responsibility to reduce, reuse, recycle of trash</li> <li>The trash affects the environment</li> </ul>

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G - 1	<p>Exploring what makes us who we are helps us to connect to others.</p> <p><b>Key Concepts</b> : form, perspective, function  <b>Related Concepts</b> : identity, opinion, behaviour</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Who i am</li> <li>How i am similar to and different from others</li> <li>Habits and routines</li> </ul>		<p>Through different artistic processes, people show their creativity and relationship with each other, projects the way of life.</p> <p><b>Key Concepts</b> : connection, responsibility, perspective  <b>Related concepts</b> :</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Hobbies that we connect and appreciate</li> <li>Roles and behaviours within relationship</li> <li>Different point of view about ways to have a healthy lifestyle</li> </ul>	<p>All living things go through a process of change</p> <p><b>Key Concepts</b> : causation, change, connection  <b>Related Concepts</b> : cycles, transformation, similarities and differences</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Patterns of growth</li> <li>How living things change over their lifetime</li> <li>Factors that can influence life cycles</li> </ul>	<p>Nature goes through certain cycles to regulate life on earth.</p> <p><b>Key Concepts</b> : form, change, connection  <b>Related Concepts</b> : cycles, interaction, pattern</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Cycles in nature (night and day, weather patterns, seasons)</li> <li>Changes that happen within a cycle</li> <li>How the cycles influence living things.</li> </ul>	<p>The choices we make have an impact on the environment.</p> <p><b>Key Concepts</b> : form, function, responsibility  <b>Related Concepts</b> : impact, environment, initiative, management</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>What waste is</li> <li>How waste is managed</li> <li>Our choices as a consumer</li> </ul>
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G - 2	<p>Making balanced choices on daily routines enables us to have healthy lifestyles.</p> <p><b>Key Concepts</b> : Function, Causation, Responsibility  <b>Related Concepts</b> : Balance, well-being.</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Daily habits and routine (hygiene, sleep, play, eating)</li> <li>Consequences of choices</li> <li>Taking care of my self</li> </ul>	<p>Learning about the previous generation helps us to understand the relationship between past and present.</p> <p><b>Key Concepts</b> : change, connection, causation  <b>Related Concepts</b> : time, continuity, heredity, relationship</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Ways to find out about the past</li> <li>How aspects of the past still influence us today</li> <li>Why some behaviors and practices have changed or remained the same over time</li> </ul>	<p>Rituals and traditions enable people to express their culture.</p> <p><b>Key Concepts</b> :Form, Connection, Perspective  <b>Related Concepts</b> : Rituals, Traditions, Culture</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>The rituals and traditions in our cultures</li> <li>The similarities and differences between the way we express our cultures</li> <li>Ways in which we can show respect to other cultures</li> </ul>	<p>Living things have needs in order to grow and survive</p> <p><b>Key Concepts</b> : form, function, causation  <b>Related Concepts</b> : behavior, survival</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>What living things need to survive</li> <li>Ways living things protect themselves in their environment</li> <li>Why do rules keep our life in harmony?</li> </ul>	<p>Communities can provide interconnected services designed to meet people's needs.</p> <p><b>Key Concepts</b> : Causation, Function, Connection  <b>Related Concepts</b> : Role, Pattern, Relationship</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Reasons people live in a community</li> <li>Service needed to support a community</li> <li>House, services are connected to each other</li> </ul>	<p>Human interaction with the natural habitat have impact to other living thing</p> <p><b>Key Concepts</b> : causation, change, responsibility  <b>Related Concepts</b> : Habitat, adaptation, Interdependence, Behavioral, Diversity.</p> <p><b>Lines of Inquiry</b> :</p> <ul style="list-style-type: none"> <li>Balance between rights and responsibility when interacting with natural habitat,</li> <li>Human impact on natural habitats.</li> <li>How living things respond to environmental changes</li> </ul>

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<b>G - 3</b>	<p>All children have rights, and responsibilities towards others.</p> <p><b>Key Concepts:</b> Function, Responsibility, Perspective <b>Related Concepts :</b> Role, Rights, Beliefs.</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• What children’s rights are</li> <li>• How children’s rights impacts lives</li> <li>• Our responsibilities towards others</li> </ul>	<p>Explorations lead to discoveries, opportunities, and new understandings</p> <p><b>Key Concepts :</b> Change, Causation, Perspective <b>Related Concepts :</b> Chronology, Impact, Progress</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• Reasons for exploration</li> <li>• How explorations have taken place over time</li> <li>• Consequences of exploration</li> </ul>	<p>People use different forms of expression to convey their understanding of themselves and the world.</p> <p><b>Key Concepts:</b> Function, Connection, Perspective <b>Related Concepts:</b> force, cause and effect, interaction, measurement</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• There are diverse ways of self expression</li> <li>• The stages of creative process help self-expression</li> <li>• Many strategies can help represent and enhance meaning</li> </ul>	<p>The properties of matter determine how they can be used.</p> <p><b>Key Concepts:</b> Form, Change, Function <b>Related Concepts :</b> properties, transformation</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• The properties of matter</li> <li>• The different states of matter</li> <li>• How matter is used based on its properties</li> </ul>	<p>Technology is an integral element in our lives.</p> <p><b>Key Concepts:</b> Responsibility, Causation, Changes <b>Related Concepts :</b> Values, Impact, Adaptation</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• Responsible use of technology</li> <li>• The positive and negative aspects of current technology</li> <li>• How technology enables learning</li> </ul>	<p>Over time, living things need to adapt in order to survive.</p> <p><b>Key Concepts:</b> Form, Causation, Connection <b>Related Concepts :</b> Adaptation, Patterns, Interdependence</p> <p><b>Lines of inquiry :</b></p> <ul style="list-style-type: none"> <li>• Concept of adaptation</li> <li>• Circumstances that lead to adaptation</li> <li>• How human, plants and animals adapt or respond to environmental conditions</li> </ul>
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<b>G - 4</b>	<p>People express their beliefs and values in a variety of ways.</p> <p><b>Key Concepts :</b> form, connection, perspective. <b>Related Concepts :</b> beliefs, values, common characteristics, identity, differences</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• Exploring what beliefs and values are</li> <li>• Different beliefs and values that people have around the world</li> <li>• How beliefs and values influence our action</li> </ul>	<p>Inventions can support developmental activities and impact lifestyles.</p> <p><b>Key Concepts :</b> Form, Causations, Responsibility <b>Related Concepts :</b> Structure, Relationship, Value</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• Inventors and inventions</li> <li>• Reasons and impact of inventions</li> <li>• How to use and responsibility</li> </ul>	<p>Throughout history, people interact and communicate with each other using arts.</p> <p><b>Key Concepts :</b> change, connection, perspective <b>Related Concepts :</b> aesthetics, metaphor, Opinion</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• How people communicate through arts</li> <li>• How art works provide insight and information</li> <li>• The role of arts in different cultures, places and times.</li> <li>• Development of art forms over time</li> </ul>	<p>Energy may be converted, transformed and used to support human growth.</p> <p><b>Key Concepts:</b> form, causation, responsibility <b>Related Concepts:</b> conservation, transformation</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• Different forms of energy sources (renewable and non-renewable)</li> <li>• How energy is used (transformation)</li> <li>• Sustainable energy practices</li> </ul>	<p>Economic activity relies on systems of production, exchange and consumption of goods and services.</p> <p><b>Key Concepts :</b> Function, Connection, Responsibility <b>Related Concepts :</b> Systems, Networks, Consequences</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• The role of supply and demand</li> <li>• The distribution of goods and services</li> <li>• Our responsibility as consumers</li> </ul>	<p>Natural disasters affect surrounding communities.</p> <p><b>Key Concepts :</b> Form, Causation, Connection <b>Related Concepts :</b> Climate, Relationship, Interdependence, Regions, Citizenship</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>• The properties of natural disasters</li> <li>• The consequences of natural disasters</li> <li>• Communities and their relationships</li> </ul>

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G - 5	<p>The human body is a highly organized structure made up of different systems that work together to accomplish functions necessary to sustain life.</p> <p><b>Key Concepts :</b> Form, Function, Causation</p> <p><b>Related Concepts :</b> structure, system, impact</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The structure and function of systems and organs of the human body</li> <li>The relationship between organs within each system</li> <li>Factors contributing to good health</li> </ul>	<p>Challenges, risks and opportunities encourage human migration.</p> <p><b>Key Concepts :</b> Causation, change, connection</p> <p><b>Related Concepts :</b> consequences, Transformation, opportunity, challenge.</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The reason why people migrate</li> <li>Migration through history (local, national)</li> <li>Effects of migration on communities, culture and individuals</li> </ul>	<p>People's outward appearance can lead to perceptions and misconceptions</p> <p><b>Key Concepts :</b> Connection, perspective, responsibility</p> <p><b>Related Concepts :</b> identity, self-expression, diversity, stereotype, prejudice</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>Appearance and identity</li> <li>Assumptions we make based on people's appearance</li> <li>Ways we can overcome misconceptions about appearance</li> </ul>	<p>Scientific knowledge has impact on human life</p> <p><b>Key Concepts :</b> change, connection, responsibility</p> <p><b>Related Concepts :</b> ingenuity, progress, sustainability</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>An inquiry into scientific knowledge</li> <li>The role of technology in scientific understanding</li> <li>The effects of scientific advances on people and the environment</li> </ul>	<p>Government systems influence the lives of citizens</p> <p><b>Key Concepts :</b> function, perspective, responsibility</p> <p><b>Related Concepts :</b> equality, citizenship, governance, law</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The function of government systems</li> <li>How decision-making practices reflect human rights</li> <li>The rights and responsibilities of citizenship</li> </ul>	<p>Biodiversity relies on maintaining the interdependent balance of organisms within systems</p> <p><b>Key Concepts :</b> causation, connection, responsibility</p> <p><b>Related Concepts :</b> balance, biodiversity, interdependence</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>Ways in which ecosystems, biomes and environments are interdependent</li> <li>How human interaction with the environment can affect the balance of systems</li> <li>The consequences of imbalance within ecosystems</li> </ul>
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G - 6	<p>Throughout life, the changes in our bodies will affect us in many different ways.</p> <p><b>Key Concepts :</b> Change, function, responsibility</p> <p><b>Related Concepts :</b> Growth, puberty, values</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The life cycle of human beings</li> <li>Specific physical and emotional changes during puberty and how they will affect us.</li> <li>The process of making responsible decision and choices</li> </ul>	<p>Evidence of past civilizations can be used to make connections to present-day societies.</p> <p><b>Key Concepts :</b> Form, causation, connection</p> <p><b>Related Concepts :</b> Pattern, Transformation, Impact</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>Characteristics of civilizations and societies</li> <li>Connection between past and present societies</li> <li>Impact of the past civilization on today's world</li> </ul>	<p>People we admire can influence our actions, values, and relationships.</p> <p><b>Key Concepts :</b> Perspective, connection, responsibility</p> <p><b>Related Concepts :</b> Character, reflection, awareness</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The characteristics /traits of people we admire</li> <li>How individuals develop character traits to empower others</li> <li>How my actions and choices affect others</li> </ul>	<p>Electrical energy can be transferred, transformed and controlled.</p> <p><b>Key Concepts :</b> Form, Function, Causation</p> <p><b>Related concepts :</b> Transformation, Systems, Energy</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>Sources of electricity</li> <li>The ways electricity can be measured</li> <li>The impact of electricity on the world</li> </ul>	<p>The System of market place is determined by the communities in which they are located.</p> <p><b>Key Concepts :</b> Function, Causation, Connection</p> <p><b>Related Concepts :</b> System, Culture</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>How market places around the world operate</li> <li>Why the system of market places differ.</li> <li>How market places meet the needs of communities</li> </ul>	<p>The lack or availability of resources impacts human's lives.</p> <p><b>Key Concepts :</b> Causation, Connection, Responsibility</p> <p><b>Related Concepts:</b> Resources, Sustainability, Network.</p> <p><b>Lines of Inquiry :</b></p> <ul style="list-style-type: none"> <li>The availability and sustainability of resources over time</li> <li>The utilization and concerns associated with natural resources</li> <li>How the exchange of resources connects regions</li> </ul>