

IB PYP SCHOOL

Riverhills Elementary Magnet School - Programme of Inquiry

	An inquiry into: Who we are	An inquiry into: Where we are in place and time	An inquiry into: How we express ourselves	An inquiry into: How the world works	An inquiry into: How we organize ourselves	An inquiry into: Sharing the planet
	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
Kindergarten	<p>Everyone is Special</p> <p>Central idea: Self-awareness can be a part of understanding others.</p> <p>Key concepts: Reflection, Responsibility, Connections</p> <p>Related concepts: Identity, Family, Rules</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ The importance of communication ◦ We are special ◦ Understanding that others are different ◦ Understanding social and emotional characteristics ◦ Observing the world using the five senses 		<p>Exploring Stories</p> <p>Central idea: We discover different ways to express ourselves.</p> <p>Key concepts: Perspective, Form</p> <p>Related concepts: Genre, Expression</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Stories and poems as a form of creative expression ◦ Storytelling comes in many forms ◦ Expression for different purposes 	<p>Patterns All Around Us</p> <p>Central idea: Patterns help us understand the world.</p> <p>Key concepts: Causation, Change, Function</p> <p>Related concepts: Patterns, Repetition</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Patterns in nature ◦ How to show patterns in different ways ◦ Knowing number patterns to 100 ◦ Word patterns- word families and rhymes 	<p>Our Communities</p> <p>Central idea: Unity and teamwork builds a community.</p> <p>Key concepts: Form, Function, Connection</p> <p>Related concepts: Community, Roles</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ The importance of community helpers ◦ Parts of a community that work together ◦ Similarities and differences of communities ◦ The function of transportation in a community ◦ Role of community helpers 	<p>Caring for Living Things</p> <p>Central idea: Living things have needs to be met for survival.</p> <p>Key concepts: Responsibility, Causation,</p> <p>Related concepts: Nature, Wants/Needs, Impact</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Living things have needs ◦ Plants and animals have many characteristics ◦ Effects of human activity on environment and living things ◦ Wants vs Needs

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1 First Grade	<p>A Balanced Life</p> <p>Central idea: Decisions could drive economic systems.</p> <p>Key concepts: Responsibility, Connection, Reflection</p> <p>Related concepts: Conflict resolution, Cause and Effect, Impact</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ The difference between positive and negative choices ◦ The impact of positive and negative choices ◦ Ways to problem solve ◦ Aspects of a balanced life 	<p>Looking into our Past</p> <p>Central idea: The world can be influenced through personal histories.</p> <p>Key concepts: Change, Perspective</p> <p>Related concepts: Tradition, History, Time</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Examining the personal history of different people ◦ Comparing life now with life in the past ◦ Examine how life experiences have an impact on others 	<p>Celebrations Around the World</p> <p>Central idea: Celebrations can express beliefs and values of diverse communities.</p> <p>Key concepts: Perspective, Form, Function</p> <p>Related concepts: Beliefs/Values, Experiences</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Features of celebrations ◦ The value of celebrations ◦ Comparisons of various celebrations ◦ How and why people celebrate 	<p>Changes in our World</p> <p>Central idea: Populations can be impacted by Earth's natural changes.</p> <p>Key concepts: Causation, Function, Change</p> <p>Related concepts: Impact, Transformation</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Types of change ◦ Impact of change ◦ The causes of natural change 	<p>The System of Economics</p> <p>Central idea: Choices can drive economic systems.</p> <p>Key concepts: Connection, Form, Causation</p> <p>Related concepts: Systems, Economics</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Types of systems ◦ Interactions between systems ◦ Goods and Services ◦ Needs and Wants ◦ Economic Choices 	<p>Sharing the Resources</p> <p>Central idea: Sharing resources can promote equity.</p> <p>Key concepts: Function, Responsibility, Perspective</p> <p>Related concepts: Opinion, Resources</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Uses of resources ◦ Stewardship of resources ◦ Accessibility to resources ◦ Actions to promote access to resources

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2	We Make a Difference	World of Diversity	Fables and Fairy Tales	Weather Systems	Producers and Consumers	Life Cycles
Second Grade	<p>Central idea: Relationships and responsibilities can shape the ways we interact with others.</p> <p>Key concepts: Responsibility, Causation, Change</p> <p>Related concepts: Community, Volunteerism, Contribution</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Responsible citizenship ◦ Positive contributions ◦ Volunteerism ◦ Fostering positive relationships ◦ Importance of family and friends 	<p>Central idea: Diversity explores cultural actions and ideas.</p> <p>Key concepts: Form, Function, Responsibility</p> <p>Related concepts: Immigration, Traditions, Diversity</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Similarities and differences of cultural contributions ◦ The relationships between cultures ◦ Culture is shared wherever people go ◦ Population is made up of various cultures 	<p>Central idea: Life lessons can be found in historical stories.</p> <p>Key concepts: Responsibility, Perspective, Connection</p> <p>Related concepts: Cultural Diversity, Beliefs- Values, Traditions</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Communicating traditions in various ways: oral, symbols, written, etc. ◦ Traditions help us learn about others ◦ The writing process shares messages ◦ Recounting fables and folktales from diverse cultures 	<p>Central idea: Earth's weather patterns can affect how we live.</p> <p>Key concepts: Connection, Causation, Change</p> <p>Related concepts: Challenges, Necessity, Survival</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ The sun's role in weather ◦ Impact of weather on how we survive ◦ How regions of the world are alike and different ◦ Weather changes 	<p>Central idea: Location can affect what communities produce to meet their needs.</p> <p>Key concepts: Perspective, Causation, Function</p> <p>Related concepts: Production, Location, Geography</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Elements of a map/globe ◦ Location influences our role as producers and consumers ◦ Relationship between producers and consumers 	<p>Central idea: Living organisms depend on the interactions within life cycles.</p> <p>Key concepts: Form, Connection</p> <p>Related concepts: Interdependence, Survival, Cycles</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Life cycles of plants and animals ◦ How organisms depend on each other ◦ Compare and contrast survival needs of living things

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3	Through Our Eyes Central idea: Perception and communication can contribute to points of view within communities. Key concepts: Reflection, Responsibility, Perspective Related concepts: Identity, Rules An Inquiry Into: <ul style="list-style-type: none"> ◦ Understand perceptions ◦ Importance of respecting different perspectives ◦ Experiences influence viewpoints ◦ Effective ways to reflect and communicate 	Innovation in Motion Central idea: Discoveries and inventions shape the progress of history. Key concepts: Perspective, Causation, Function Related concepts: Progress, History An Inquiry Into: <ul style="list-style-type: none"> ◦ Past discoveries impact the present ◦ Discoveries and inventions stem from ideas ◦ Sharing ideas can have global impact 	Signs and Symbols Central idea: Signs and symbols can be used for communication. Key concepts: Form, Perspective, Causation Related concepts: Interpretation, Communication An Inquiry Into: <ul style="list-style-type: none"> ◦ Reasons for signs and symbols ◦ Specialized systems of communications ◦ Importance of signs and symbols ◦ Effects of non-verbal expressions 	Survival of Plants and Animals Central idea: Communities may adapt to their environments. Key concepts: Connection, Change, Causation Related concepts: Interaction, Survival, Nature An Inquiry Into: <ul style="list-style-type: none"> ◦ Classification of living things ◦ How living things interact with their environment and humans ◦ Physical and behavioral adaptations 	Why Organize? Central idea: Organization can provide order in many aspects of life. Key concepts: Form, Causation, Function Related concepts: Order, Structure, Systems An Inquiry Into: <ul style="list-style-type: none"> ◦ Purpose of organization ◦ Organization in different settings – home, school and community ◦ Consequences of presence or absence of organization ◦ Societies' use of organization 	Geographical Influences Central idea: Reflective advocates show agency in the greater community. Key concepts: Connection, Responsibility, Change Related concepts: Choice, identity, relationships An Inquiry Into: <ul style="list-style-type: none"> ◦ Understanding how we impact others ◦ Using our voices to advocate ◦ Taking ownership in your role

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4	Ready for the World	Global Experiences	Communication Through Forms of Writing	Exploring Tools	Individuals Impact Society	Resource Round-Up
Fourth Grade	<p>Central idea: Life paths could be influenced by personal strengths and interests.</p> <p>Key concepts: Connection, Function</p> <p>Related concepts: Choice, Roles</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Our strengths and interests ◦ Positive decision making ◦ Types of careers ◦ Responsibilities of different careers 	<p>Central idea: Historical events can alter the perspective of individuals personally and collectively.</p> <p>Key concepts: Causation, Change, Perspective</p> <p>Related concepts: Impact, Coping</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Historical events shape perspectives ◦ Historical events impact people's lives differently ◦ Historical events have global impact 	<p>Central idea: Forms of writing are used to express and communicate ideas.</p> <p>Key concepts: Form, Function, Perspective</p> <p>Related concepts: Communication</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Explore different purposes for writing ◦ Planning and creating different types of writing ◦ How writing expresses ideas and perspectives ◦ Analyzing the structure and elements of writing 	<p>Central idea: Innovations can propel societies forward.</p> <p>Key concepts: Change, Causation, Function</p> <p>Related concepts: Technology, Innovation</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Use of basic and advanced tools ◦ How tools have changed over time ◦ How tools help solve problems or meet a need ◦ Choice of tool depends on the problem 	<p>Central idea: citizens may generate change through their decisions.</p> <p>Key concepts: Connection, Responsibility, Causation</p> <p>Related concepts: Impact, Point of View</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Importance of consensus and voting ◦ How citizens work together to influence government ◦ Differences in the role of citizens in government ◦ How citizens work together to solve societal problems 	<p>Central idea: The Earth can be impacted by the use of resources.</p> <p>Key concepts: Causation, Responsibility, Change</p> <p>Related concepts: Survival, Resources</p> <p>An Inquiry Into:</p> <ul style="list-style-type: none"> ◦ Responsible of renewable and nonrenewable resources ◦ Personal responsibility with their environment ◦ Effects of human action on the environment

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5 Fifth Grade	Riverhills Leaders Today and Beyond Central idea: Beliefs and values influence leaders to create change. Key concepts: Change, Form, Responsibility Related concepts: Impact, Metacognition An Inquiry Into: <ul style="list-style-type: none"> ◦ Beliefs and values ◦ Qualities of leaders – positive and negative ◦ Impact of leaders ◦ Personal roles as leaders 	People on the Move Central idea: Migration can be a response to human circumstances. Key concepts: Causation, Perspective, Connection Related concepts: Movement, Impact An Inquiry Into: <ul style="list-style-type: none"> ◦ Reasons for migration ◦ Impact of migration on surroundings ◦ Challenges encountered by immigrants 	Seeing the Beauty Around Us Central idea: Perspective influences personal interpretation of aesthetics. Key concepts: Form, Perspective Related concepts: Communication, Aesthetics An Inquiry Into: <ul style="list-style-type: none"> ◦ Personal appreciation of art ◦ Forms of art ◦ Interpreting the message expressed in art ◦ The impact of personal perspective 	Systems- Inside and Out Central idea: Science adds to the growing knowledge of systems. Key concepts: Connection, Function, Causation Related concepts: Systems, Balance, Interdependence An Inquiry Into: <ul style="list-style-type: none"> ◦ Characteristics and properties of systems ◦ How parts of a system affect the whole ◦ Organs and functions of body systems in living things ◦ Decisions are affected by our knowledge of scientific principles 	Checks and Balances Central idea: Financial decisions can effect economic activities. Key concepts: Responsibility, Function, perspective Related concepts: Balance, choices, finance An Inquiry Into: <ul style="list-style-type: none"> ◦ Financial literacy and personal finances ◦ Various economic structures ◦ Roles and responsibilities of members of economic structures 	Path to Peace Central idea: Peace can flourish from thoughtful interactions. Key concepts: Perspective, Responsibility Related concepts: Peace, Kindness, Relationships An Inquiry Into: <ul style="list-style-type: none"> ◦ Reflecting on and fostering peaceful relationships ◦ Impact of effective teamwork ◦ Responsibility to others ◦ Strategies to resolve conflict