

Blythe Elementary IB World School Programme of Inquiry (POI)

Bookmarks	Kindergarten	1st Grade	2nd Grade	3rd Grade	4th Grade	5th Grade
PYP Transdisciplinary Themes	Who We Are	How We Organize Ourselves	Where We are in Place and Time	How the World Works	Sharing the Planet	How We Express Ourselves
Theme Description	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 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.	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 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 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.

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<p>Kindergarten 5-6 years</p>	<p>Central Idea: Knowing and respecting ourselves and others helps create responsible members of a community.</p> <p>Key Concepts: responsibility, function</p> <p>Related Concepts: behavior, communication, pattern, role, systems, consequences, sequences, impact, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry: -People are the same and different. -Citizens have responsibilities in their community. -Everyone plays an active role in their community. -There are routines, rules, and procedures that need to be followed in a community. -There are consequences and rewards for following rules.</p>	<p>Kindergarten only explores 4 themes</p>	<p>Kindergarten only explores 4 themes</p>	<p>Central Idea: Weather affects the choices we make and the world around us.</p> <p>Key Concepts: Function, Change, Connection</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -What is weather? -What are the different types of weather? -Do seasons affect the weather? -What is weather like around the world? -What kind of choices do I have to make that are affected by the weather? -How does weather affect people emotionally and physically?</p>	<p>Central Idea: All things are either living or nonliving.</p> <p>Key Concepts: Causation, Change, Connection</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -How do we know that something is living? -What do all living things need to live and grow? -How do living things depend on trees to meet their needs? -What patterns can we observe in how living things meet their needs?</p>	<p>Central Idea: People use nature as an inspiration to create.</p> <p>Key Concepts: Function, Perspective, Responsibility</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -How do people enjoy nature? -How does nature inspire people to create? -How and why are trees important to us and our communities? -How can we inspire others to appreciate and enjoy trees? -How can we preserve nature? -What would happen if we mistreated our environment? -What can people do to improve our environment? -What can we do to make the world more aesthetically pleasing?</p>

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<p>1st Grade 6-7 years</p>	<p>Central Idea: Our knowledge of the past and collaborative skills can change our current views and beliefs.</p> <p>Key Concepts: Function, Change, Connection, Perspective</p> <p>Related Concepts: communication, pattern, adaption, growth, cycles, sequences, transformation, systems, relationship, subjectivity, truth, beliefs, opinion, prejudice</p> <p>Lines of Inquiry: -Patterns we see in nature affect how we live. -Our perspectives affect how we feel and communicate. -Important people and inventions have shaped how we live today, both past and present.</p>	<p>Central Idea: Humans organize their communities in order to make their society work well and function fairly.</p> <p>Key Concepts: Form, Function, Connection, Responsibility</p> <p>Related Concepts: similarities, differences, behavior, communication, pattern, role, systems, relationships, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry: -Why are tools important? -How do people use tools? -How do habits of character help us do work? -How do I use tools in my daily life? -How do people around the world use tools? (compare/contrast) -What are rules and laws? -Why do we need rules and laws? -What are rights and responsibilities? -What strategies help me do work faster? -How does planning help me do work?</p>	<p>Central Idea: Observation and experimentation leads to understanding how we, as people, can affect the world for the better.</p> <p>Key Concepts: Function, Causation, Change, Responsibility</p> <p>Related Concepts: patterns, systems, sequences, relationships, beliefs, values</p> <p>Lines of Inquiry: -Causes and effects of supply and demand and economic concepts -Causes and effects of human actions on animals/birds -Relationship between humans/objects and their environment/ animals</p>	<p>Central Idea: Our knowledge of earth's natural laws help us understand how they impact our environment.</p> <p>Key Concepts: Form, Function, Perspective</p> <p>Related Concepts: properties, similarities, differences, patterns, systems, truth, beliefs, opinion</p> <p>Lines of Inquiry: -Patterns we see in nature affect how we live. -Knowing physical properties of earth's materials help us use them effectively. -Understanding different cultures helps us have more respect for others.</p>	<p>Central Idea: Humans can change the natural environment in ways that are beneficial or detrimental to all living things.</p> <p>Key Concepts: Change, Connection, Responsibility</p> <p>Related Concepts: adaption, transformation, interdependence, citizenship, initiative</p> <p>Lines of Inquiry: -Humans affect our environments in positive and negative ways. -Relationship between humans and animals.</p>	<p>Central Idea: Physical environment affects living things and surrounding objects.</p> <p>Key Concepts: Form, Causation</p> <p>Related Concepts: similarities, differences, consequences, sequences, impact, systems</p> <p>Lines of Inquiry: -Relationships between different types of organisms -Organisms adapt to their environment -Characteristics of different types of organisms</p>

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<p>2nd Grade 7-8 years</p>	<p>Central Idea: Global citizens respect and understand each other.</p> <p>Key Concepts: Connection, Perspective</p> <p>Related Concepts: structure, similarities, differences, systems, growth, values, justice</p> <p>Lines of Inquiry: -Location can impact education. -Cultural events and historical figures impact citizens. -Government provides structure to a community. -Schools are an important resource to communities around the world. -Communities come together to solve problems.</p>	<p>Central Idea: People make decisions based on the available resources.</p> <p>Key Concepts: Form, Change, Connection</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -How does scarcity affect economic decisions? -How do historic events influence the availability of goods and services? -How do we make decisions on what we spend our money on?</p>	<p>Central Idea: Change can be understood by studying the past.</p> <p>Key Concepts: Causation, Change, Connection</p> <p>Related Concepts: systems, pattern, cycle, beliefs</p> <p>Lines of Inquiry: -Change takes place all around us. -Scientists work together to learn about the past. -All people are individuals with different values and beliefs. -Problems can be solved and represented in different ways.</p>	<p>Central Idea: In the natural world, systems rely (depend) on each other to survive and grow. (laws of nature)</p> <p>Key Concepts: Form, Change, Connection</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -Observing the position of the sun and the earth helps us to understand the earth's natural cycle. -Weather patterns impact people around the world. -Living things rely on systems to grow and survive. -Some animals use sound to survive.</p>	<p>Central Idea: Living things adapt or change in response to what happens in our world.</p> <p>Key Concepts: Function, Causation, Connection, Responsibility</p> <p>Related Concepts: structure, behavior, role, pattern, relationships, values</p> <p>Lines of Inquiry: -Humans can impact the balance of the environment and its systems. -People make decisions on where to live based on different things. -Living things change in order to survive and grow.</p>	<p>Central Idea: Community members collaborate and share resources with each other.</p> <p>Key Concepts: Causation, Connection, Responsibility</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -What is one way humans and plants can communicate with each other? -What are the different forms of communication? -How can we help and protect pollinators? -How do people conserve resources? -How do global and local events impact supply and demand?</p>

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<p>3rd Grade 8-9 years</p>	<p>Central Idea: Human body systems are essential for survival.</p> <p>Key Concepts: Connection, Perspective, Responsibility</p> <p>Related Concepts:</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -What are the functions of the muscular system and how does it help humans survive? -What are the functions of the skeletal system and how does it help humans survive? -What are the functions of the nervous system and how does it help humans survive? 	<p>Central Idea: Location affects the ways in which people live.</p> <p>Key Concepts: Form, Function, Responsibility</p> <p>Related Concepts: properties, structure, similarities, differences, patterns, behavior, communication, role, systems, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -The sun, moon, stars have a relationship -The parts of the solar system move in predictable patterns working with citizens in communities. -The government solves problems 	<p>Central Idea: Humans develop their point of view through their experiences; discoveries, explorations, migrations, and relationships.</p> <p>Key Concepts: Causation, Change, Perspective, Responsibility</p> <p>Related Concepts: structure, similarities, differences, behavior, communication, consequences, pattern, impact, transformation, systems, relationships, subjectivity, truth, beliefs, opinion, prejudice, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -What kind of things could cause you to change your point of view? -What steps can be taken to change a stereotype /point of view? 	<p>Central Idea: People explore and experiment to understand how materials in our world can change.</p> <p>Key Concepts: Causation, Change, Connection</p> <p>Related Concepts:</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -The changes in velocity -The properties of matter -The movement of energy 	<p>Central Idea: Organisms interact with and adapt to their environment in order to survive.</p> <p>Key Concepts: Causation, Change, Connection, Responsibility</p> <p>Related Concepts:</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -Why are the world's freshwater sources threatened? -How does geography affect water usage around the world? -How do people persuade others to take action to contribute to a better world? 	<p>Central Idea: People express their values, beliefs, and culture in many ways.</p> <p>Key Concepts: Connection, Perspective, Responsibility</p> <p>Related Concepts:</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> -What are the characteristics that determine my culture? -What are the characteristics that reflect other cultures? -What are characteristics that are similar and different among cultures?

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<p>4th Grade 9-10 years</p>	<p>Central Idea: The interactions between people will change the economy, policies, and culture of a community. Being human makes us the same but our experiences and perspectives give us each a personal story.</p> <p>Key Concepts: Change, Responsibility, Causation</p> <p>Related Concepts: consequences, impact, rights, sequences</p> <p>Lines of Inquiry: -Different perspectives can help us be open-minded. -Conflicts can lead to many changes. -Multiple actions contribute to a whole.</p>	<p>Central Idea: Humans and the environment are impacted by societal and financial influences.</p> <p>Key Concepts: Change, Perspective, Function</p> <p>Related Concepts: structure, role, rights</p> <p>Lines of Inquiry: -How does the Women's Suffrage Act impact the perspective of gender roles in society? -How can I classify shapes using knowledge of angles and sides? -How does the earth's axis affect our day and night pattern? -How does scarcity affect supply and demand?</p>	<p>Central Idea: Perspectives change over time based on experiences and discoveries.</p> <p>Key Concepts: Change, Responsibility, Causation</p> <p>Related Concepts: consequences, impact, rights, sequences</p> <p>Lines of Inquiry: -Different perspectives can help us be open-minded. -Conflicts can lead to many changes. -Multiple actions contribute to a whole.</p>	<p>Central Idea: Connections to our world inspires our thinking and changes our mindsets.</p> <p>Key Concepts: Connection, Form, Perspective</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -Opinions can change over time -People are inspired by the ideas that surround them</p>	<p>Central Idea: The interactions of animals can impact behavior and how they adapt.</p> <p>Key Concepts: Change, Responsibility, Causation</p> <p>Related Concepts: consequences, impact, rights, sequences</p> <p>Lines of Inquiry: -Different perspectives can help us be open-minded. -Conflicts can lead to many changes. -Multiple actions contribute to a whole.</p>	<p>Central Idea: Global citizens are inspired to create change in order to make the world a better place .</p> <p>Key Concepts: Connection, Form, Perspective</p> <p>Related Concepts:</p> <p>Lines of Inquiry: -Where can we find inspiration in the world we live in today? -How do we use action to create change? -How did Jack change over time?</p>

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<p>5th Grade 10-11 years</p>	<p>Central Idea: System communications can affect function.</p> <p>Key Concepts: Function, Connection, Perspective</p> <p>Related Concepts: consequences, sequences, pattern, impact, adaption, growth, cycles, transformation</p> <p>Lines of Inquiry: - The contributions of individuals and groups (Connection/Perspective) - Developing an understanding of self (Connection/Perspective) - Comparing characteristics between offspring and their parents (Function/Connection)</p>	<p>Central Idea: Systems help us organize ourselves and impact our lives.</p> <p>Key Concepts: Function, Connection, Responsibility</p> <p>Related Concepts: properties, structure, similarities, differences, patterns, consequences, sequences, impact</p> <p>Lines of Inquiry: -Structures & functions of living organisms -Interconnectedness of branches (checks/balances) -Similarities and differences of traits -The effects of practicing learned behaviors -Civic responsibilities of citizens -Cooperation and compromise in government</p>	<p>Central Idea: Change occurs when multiple perspectives conflict.</p> <p>Key Concepts: Causation, Change, Connection, Perspective</p> <p>Related Concepts: properties, structure, similarities, differences, patterns, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry: -Analyzing and evaluating various perspectives -Positive and negative consequences -How change and conflict are related</p>	<p>Central Idea: Discovering and understanding natural laws allow humans to make an impact.</p> <p>Key Concepts: Causation, Change, Perspective</p> <p>Related Concepts: systems, relationships, networks, homeostasis, interdependence, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry: -The Civil Rights Movement and the "color-barrier" -Action and reaction relationships -Influencers</p>	<p>Central Idea: Choices can create change within global systems.</p> <p>Key Concepts: Form, Change, Responsibility</p> <p>Related Concepts: behavior, communication, pattern, role, systems, consequences, sequences, pattern, impact, relationships, networks, homeostasis, interdependence</p> <p>Lines of Inquiry: -Components of weather systems -Human, environmental, animal, and plant interactions and changes -Food chains and food webs and transfer of energy in an ecosystem -Various forms of adaptation</p>	<p>Central Idea: Perspectives influence action.</p> <p>Key Concepts: Change, Connection, Perspective</p> <p>Related Concepts: consequences, sequences, pattern, impact, adaption, growth, cycles, transformation, subjectivity, truth, beliefs, opinion, prejudice, rights, citizenship, values, justice, initiative</p> <p>Lines of Inquiry: -Identity and culture -Overcoming struggles -Push/pull factors in making choices -Mobile societies</p>

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