



PYP Program of Inquiry
Revised September 2013

Grade level (Age)	Who We Are 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	Where We Are In Time & Place An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; relationships between and interconnectedness of individuals and civilization, from local to global perspectives	How We Express Ourselves An inquiry into the ways in which we discover and express our ideas, feelings, nature, culture, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic	How the World Works 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	How We Organize Ourselves 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	Sharing the Planet An inquiry into the 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
5 (10–11)	Central Idea Different systems and outside dynamics are at work in Humans Key Concepts Connection Responsibility Reflection Related Concepts Systems Initiative Evidence Lines of inquiry <ul style="list-style-type: none"> • Purpose of cells and organs in a human • Humans differences from other living things • Organ systems at work in Humans • Physical activities and habits that benefit humans 	Central Idea Interconnectedness of civilizations can create cooperation or conflict Key Concepts Perspective Causation Change Related Concepts Beliefs Conflict Adaptation Lines of inquiry <ul style="list-style-type: none"> • Reason & technology that aided early exploration & colonization • Relationships between settlers & natives to the area • Which groups caused conflicts, and which groups encouraged cooperation 	Central Idea Print, other visual media, and sound can create, alter, or manipulate images or perceptions Key Concepts Perspective Causation Reflection Related Concepts Opinions Impact Interpretation Lines of inquiry <ul style="list-style-type: none"> • Perspectives and opinions in speech, media, computers and advertising • Reflection on devices that cause perceptions • Impact and causes of sources of information with various results 	Central Idea Understanding the composition of matter helps us understand our world Key Concepts Change Causation Form Related Concepts Transformation Structure Lines of inquiry <ul style="list-style-type: none"> • Effects of change & transformation on molecules • Forms and structures of matter • Changes that result in new matter • Chemical reactions and the products they produce 	Exhibition	Central Idea Earth has limited resources that are unequally distributed Key Concepts Function Causation Responsibility Related Concepts Systems Impact Rights Lines of inquiry <ul style="list-style-type: none"> • Resource found on earth, their cycles, and how they influence global communities • Resources and their connection to various locations and the uneven distribution • Effects of uneven resource distribution on Earth and its human population



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<p>4 (9–10)</p>	<p>Central Idea A balance between nutrition, exercise and recreation contribute to human health</p> <p>Key Concepts Function Connection Responsibility</p> <p>Related Concepts Behavior Relationships Initiative</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Choices and behavior in daily life contribute to the function of our health • Connection between the relationships of nutrition, exercise, and good health • Making responsible choices and taking the initiative to maintain and improve health 	<p>Central Idea Migrating cultures influence and can change native cultures</p> <p>Key Concepts Causation Change Perspective</p> <p>Related Concepts Consequences Adaptation Subjectivity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Motivation, causes and consequences of global and continental exploration • Perspectives of explorers and native cultures • Changes, adaptations and influences of cultures with other cultures 	<p>Central Idea Humans express themselves in a variety of ways</p> <p>Key Concepts Form Connection Reflection</p> <p>Related Concepts Structure Relationships Evidence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Form follows function • Function dictates form • Literacy is a uniquely human form of expression • Communication has a variety of forms 	<p>Central Idea Electric and Magnetic forces are everywhere and used in everyday life</p> <p>Key Concepts Form Causation Function</p> <p>Related Concepts Properties Sequences Networks</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Forms and properties of electricity and magnetism • Electricity and magnetism are connected • Electricity and magnetism with in sequence (circuits) • Electricity and magnetism’s impact on our lives 	<p>Central Idea People form communities and customs based on the natural resources in the region where they reside</p> <p>Key Concepts Form Reflection Connection</p> <p>Related Concepts Structure Impact Systems</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Structures and forms of the environment that help create customs • Connection between economic systems and the region a culture lives • Weather and regions impact on cultures’ diversity 	<p>Central Idea Organisms that interact with each other form an ecosystem</p> <p>Key Concepts Causation Change Responsibility</p> <p>Related Concepts Consequences Systems Rights</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Structure of an ecosystem is determined by geographic regions including weather patterns • Change in weather patterns and climate affect ecosystems • There are specific threats to individual ecosystems
<p>3 (8–9)</p>	<p>Central Idea Our values are reflected in our culture in different ways.</p> <p>Key Concepts Form Connection Perspective</p> <p>Related Concepts Similarities Differences Relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Global values derive from many cultures • Cultures impact personal values • Similarities and differences in cultures through their stories 	<p>Central Idea The natural environment shapes our lives and gives insight into other civilizations</p> <p>Key Concepts Causation Change Connection</p> <p>Related Concepts Consequences Adaptation Interdependence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Civilizations of the past • The ways the natural environment affected lives in the past • The ways the natural environment affects our lives today 	<p>Central Idea Expressions of places, things, experiences and impressions can take various forms</p> <p>Key Concepts Form Perspective Reflection</p> <p>Related Concepts Perception Interpretation Communication</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Expression can take many forms • Our senses can intensify our insights • Expressions come from our own unique viewpoint and can take many forms. • Careful word choices can increase emotional impact • People create meaning from their own experiences 	<p>Central Idea Parts of natural systems exist and interact</p> <p>Key Concepts Function Connection Responsibility</p> <p>Related Concepts Order Cycles Values</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • The role of the Sun and Moon and their interactions with our planet • How constellations have been viewed over time • Discoveries of space and exploration • Our responsibility for the future discoveries and explorations 	<p>Central Idea Humans create systems of government to organize themselves</p> <p>Key Concepts Function Responsibility Reflection</p> <p>Related Concepts Systems Consequences Responsibility</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Rules evolve into laws that uphold the constitution • Government systems and balance or power • National symbols reflect national ideas. • Responsibility of citizenships 	<p>Central Idea Human choices and actions can affect the environment and how finite resources are shared</p> <p>Key Concepts Causations Change Responsibility</p> <p>Related Concepts Adaptation Systems Patterns</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Environmental change happens over time • Environmental change has causes • Changes can affect an animal habitat in both a positive and negative ways
<p>Grade level (Age)</p>	<p>Who We Are An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families,</p>	<p>Where We Are In Time & Place An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and</p>	<p>How We Express Ourselves An inquiry into the ways in which we discover and express our ideas, feelings, nature, culture, beliefs and values; the ways in which we</p>	<p>How the World Works An inquiry into the natural world and its laws; the interaction between the natural world (physical and</p>	<p>How We Organize Ourselves An inquiry into the interconnectedness of human-made systems and communities; the structure and function of</p>	<p>Sharing the Planet An inquiry into the rights and responsibilities in the struggle to share finite resources with other people and with</p>



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	friends, communities, and cultures; rights and responsibilities; what it means to be human	migrations of humankind; relationships between and interconnectedness of individuals and civilization, from local to global perspectives	reflect on, extend and enjoy our creativity; our appreciation of the aesthetic	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	organizations; societal decision-making; economic activities and their impact on humankind and the environment	other living things; communities and the relationships within and between them; access to equal opportunities; peace and conflict resolution
2 (7-8)	<p>Central Idea Families share common elements across time and culture</p> <p>Key Concepts Connection Perspective Reflection</p> <p>Related Concepts Relationships Beliefs Evidence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Relationship and connections to ancestors Reflective on and evidence of different cultural backgrounds and traditions How our ancestors shape our perspectives 	<p>Central Idea Products create global and local relationships between people and the environment</p> <p>Key Concepts Connection Perspective Responsibility</p> <p>Related Concepts Relationships Opinions Rights</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Global perspectives of producers and consumers in their uses of natural resources Connection between producers and consumers Responsibility and rights of consumers and producers 	<p>Central Idea Humans have various ways to preserve important life experiences</p> <p>Key Concepts Causation Perspective Reflection</p> <p>Related Concepts Impact Belief Evidence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Sharing perspectives and beliefs Reflection and evidence of our life experiences Impact of relationships to personal stories 	<p>Central Idea Some life forms have interactions that affect the lives of others</p> <p>Key Concepts Function Change Connection</p> <p>Related Concepts Cycles Interdependence Interaction</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Interdependence between different living creatures Changes of form within life cycles of various living things The basic needs for living things to have a productive life 	<p>Central Idea Economic opportunities and decisions about land in our community are based on available resources and environmental needs</p> <p>Key Concepts Form Function Responsibilities</p> <p>Related Concepts Structure Communication Rights</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Essential elements and function of maps Producers and consumers Common land and water forms 	<p>Central Idea Actions of people can inspire us to create peace and resolve conflict.</p> <p>Key Concepts Causation Reflection Perspective</p> <p>Related Concepts Consequences Relationships Beliefs</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Reflection upon our behavior and the behavior of those who came before us. Causation of the struggles and challenges of people Perspectives of people who have made lives better for others
1 (6-7)	<p>Central Idea Traditions reflect personal identity and local culture</p> <p>Key Concepts Form Connection</p> <p>Related Concepts Relationships Similarities and Differences</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Discovering our own personal cultures Connections between cultural traditions Similarities and differences amongst cultures 	<p>Central Idea Living things adapt to their environments in order to survive</p> <p>Key Concepts Causations Change</p> <p>Related Concepts Impact Adaptation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Location impacts life Regions require unique skills for survival Interconnectedness of living things 	<p>Central Idea Stories share common elements that help express ideas, feelings, and values</p> <p>Key Concepts Function Perspective</p> <p>Related Concepts Communication Opinions</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Importance of narrators and their perspectives Different ways stories are communicated People tell children stories to explain the world 	<p>Central Idea Our world is made up of materials that have different properties</p> <p>Key Concepts Form Reflection</p> <p>Related Concepts Properties Evidence</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> The properties of solids, liquids, and gasses Classifying matter based on properties and evidence Properties of matter affect it's usage 	<p>Central Idea Cooperation and organization influences the success of a community</p> <p>Key Concepts Responsibility Perspective</p> <p>Related Concepts Initiative Subjectivity</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> Social skills help people work together Self management Using thinking skills to solve problems effectively Effective communication 	<p>Central Idea Living things share common characteristics and common resources that aid in survival</p> <p>Key Concepts Form Change</p> <p>Related Concepts Properties Structures Cycles</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> All living things have life cycles Living things can be grouped together by characteristics Living things share resources; the access to them determines their survival



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<p>K (5-6)</p>	<p>Central Idea Appreciation for self identity and connectedness to family, friends and community</p> <p>Key Concepts Connection Change Function</p> <p>Related Concepts Relationships Growth Behavior</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Living things grow and change • Our behavior affects ourselves and others • Myself as part of my communities and the world 	<p>Central Idea Reflection on the past and present reveals similarities and differences</p> <p>Key Concepts Connection Reflection Change</p> <p>Related Concepts Relationships Homeostasis Review</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Life is connected by time and place • Similarities between the way people live and work • Students reflect on the similarities of the past and present 	<p>Central Idea Communication can be expressed through various art forms</p> <p>Key Concepts Form Perspective Reflection</p> <p>Related Concepts Properties Subjectivity Interpretation</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Reflection between art and communication • Art has properties • Art can be looked at differently 	<p>Central Idea The Earth gives us some important resources that we use in everyday life.</p> <p>Key Concepts Function Change Connection</p> <p>Related Concepts Role Transformation Relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Wood can be transformed and changed • Paper and wood are related • Wood and paper have a purpose 	<p>Central Idea The services provided in a community contribute to the stability of the community</p> <p>Key Concepts Form Function Connection</p> <p>Related Concepts Structure Cycles Relationships</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Different jobs available in the community • The function and role of different jobs • The connection between different jobs and the community 	<p>Central Idea The choices of our citizens have consequences</p> <p>Key Concepts Causation Responsibility Connection</p> <p>Related Concepts Consequences Citizenship Justice</p> <p>Lines of inquiry</p> <ul style="list-style-type: none"> • Actions cause consequences • Being a responsible citizen of the world • Why we have rules
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