

IWIA IB PYP Program of Inquiry

Age	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
	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 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 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 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 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 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.
<b>Titles:</b>	<b>Senses</b>	<b>Seasons</b>	<b>Celebrations</b>	<b>Habitats</b>	<b>Jobs and Transportation</b>	<b>Growth and Life Cycles</b>
<b>K (5-6)</b>	<p><b>Central Idea:</b> People use five senses to understand their surroundings, but those understandings differ.</p> <p><b>Key Concepts:</b> Reflection, Function, Perspective</p> <p><b>Related Concepts:</b> Senses</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• 5 senses and their functions</li> <li>• Using senses for safety</li> <li>• Similarities and differences between people</li> </ul>	<p><b>Central Idea:</b> The world is divided into countries and then into cities and neighborhoods profoundly affected by physical and environmental conditions.</p> <p><b>Key Concepts:</b> Change, Connection, Perspective</p> <p><b>Related Concepts:</b> Seasons, Location</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• How maps help us find our way and represent our world</li> <li>• How differently the world we live in is described</li> <li>• The physical characteristics of our environment</li> <li>• Seasonal changes in environment</li> </ul>	<p><b>Central Idea:</b> People all around the world use traditions and celebrations to express cultural unity and diversity.</p> <p><b>Key Concepts:</b> Connection, Form, Causation</p> <p><b>Related Concepts:</b> Celebrations, Culture</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Traditions celebrated here and elsewhere around the world in the winter and at the turn of the year</li> <li>• Origins of traditions and celebrations</li> <li>• What traditions and celebrations express</li> </ul>	<p><b>Central Idea:</b> People share the world with plants and animals that thrive in areas that meet their needs.</p> <p><b>Key Concepts:</b> Function, Form, Connection</p> <p><b>Related Concepts:</b> Habitats</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Types of habitats</li> <li>• Differences between habitats</li> <li>• Similarities and differences between living and non-living things</li> </ul>	<p><b>Central Idea:</b> To live together people must have different jobs and responsibilities, which rely on transportation and distribution.</p> <p><b>Key Concepts:</b> Connection, Function, Responsibility</p> <p><b>Related Concepts:</b> Jobs, Transportation</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways people work</li> <li>• Ways People get around</li> <li>• Systems of distribution</li> </ul>	<p><b>Central Idea:</b> People, plants and animals have unique life stages and share the planet Earth.</p> <p><b>Key Concepts:</b> Change, Perspective, function</p> <p><b>Related Concepts:</b> Growth, Life cycles</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Growth of organisms</li> <li>• Differences between Plants and animals</li> <li>• Life cycles of Plants and animals</li> </ul>
<b>Titles:</b>	<b>Heroes</b>	<b>Landforms and Migration</b>	<b>Inventions</b>	<b>Weather</b>	<b>Needs and Wants</b>	<b>Living Things</b>
<b>1<sup>st</sup> (6-7)</b>	<p><b>Central Idea:</b> Literary and real life heroes have helped shape human history and taught us many lessons.</p> <p><b>Key Concepts:</b> Causation, Change, Form</p> <p><b>Related Concepts:</b> Heroes, Biography</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Types and features of Heroes</li> <li>• A heroes deeds and actions</li> <li>• Changes heroes make within a community</li> </ul>	<p><b>Central Idea:</b> Landforms across the world influence human migration and settlement.</p> <p><b>Key Concepts:</b> Form, Causation, Change</p> <p><b>Related Concepts:</b> Landforms, Migration, Building</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Types of landforms</li> <li>• Connecting landforms to places</li> <li>• How landforms affect communities</li> </ul>	<p><b>Central Idea:</b> Through discovery, invention, and innovation humans improve lifestyles, solve problems, and express creativity.</p> <p><b>Key Concepts:</b> Causation, Perspective, Reflection</p> <p><b>Related Concepts:</b> Inventions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways we rely on inventions</li> <li>• Characteristics of inventors</li> <li>• Process of designing inventions</li> </ul>	<p><b>Central Idea:</b> The weather cannot be controlled, so people dress, live and work according to weather conditions.</p> <p><b>Key Concepts:</b> Form, Causation, Connection</p> <p><b>Related Concepts:</b> Weather</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Types of weather</li> <li>• Observing and measuring weather</li> <li>• Effects of weather</li> </ul>	<p><b>Central Idea:</b> Human needs and wants are met through production and consumption, which relies on a system of money.</p> <p><b>Key Concepts:</b> Function, Connection, Perspective</p> <p><b>Related Concept:</b> Needs/Wants, Production, Money</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• What makes a producer/consumer</li> <li>• Differences between needs and wants</li> <li>• How needs and wants are filled</li> <li>• Uses of money</li> </ul>	<p><b>Central Idea:</b> Most living things require water, food and a place to thrive, but humans have many additional needs.</p> <p><b>Key Concepts:</b> Function, Connection, Responsibility</p> <p><b>Related Concepts:</b> Living things</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Needs of Living things</li> <li>• Differences between plants and animals</li> <li>• Ways living things meet their needs</li> </ul>
<b>Titles:</b>	<b>Citizenship</b>	<b>Civilizations</b>	<b>Modes of Communication</b>	<b>Movements of stars, sun &amp; moon</b>	<b>Leadership</b>	<b>States of Matter</b>
<b>2<sup>nd</sup> (7-8)</b>	<p><b>Central Idea:</b> As humans, we have the responsibility to demonstrate positive citizenship locally and globally.</p> <p><b>Key Concepts:</b> Reflection, Connection, Responsibility</p> <p><b>Related Concepts:</b> Citizenship, conservation</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Qualities of a good citizen</li> <li>• Similarities and differences between cultures</li> <li>• Our responsibilities to take care of living things</li> </ul>	<p><b>Central Idea:</b> Past and present civilizations develop to meet the same human needs.</p> <p><b>Key Concepts:</b> Form, change, connection</p> <p><b>Related Concepts:</b> Civilizations, Time Change continuity, Resources</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Characteristics of a civilization</li> <li>• Changes in civilizations overtime</li> <li>• Similarities and differences between past and present civilizations</li> </ul>	<p><b>Central Idea:</b> People use many different forms to communicate feelings, ideas and messages.</p> <p><b>Key Concepts:</b> Function, change, Causation</p> <p><b>Related Concepts:</b> Verbal/Nonverbal Communication, Emotions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways people communicate feelings, ideas, and messages</li> <li>• Changes in communication over time</li> <li>• Effects of communication in society</li> </ul>	<p><b>Central Idea:</b> Life depends on the consistent patterns of space.</p> <p><b>Key Concepts:</b> Connection, Function, Perspective</p> <p><b>Related Concepts:</b> Time, Moon Phases, Sun/Stars</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways of calculating the time using the sky</li> <li>• How phases of the moon connect to the Earth</li> <li>• How the sky has led to myths and discoveries</li> </ul>	<p><b>Central Idea:</b> A leader's values and character affects the decisions he/she makes, creating consequences for everyone.</p> <p><b>Key Concepts:</b> Responsibility, Causation, Reflection</p> <p><b>Related Concepts:</b> Leadership, politics</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Attributes of a leader</li> <li>• Interactions between people and leaders</li> <li>• How local leaders affect global issues</li> </ul>	<p><b>Central Idea:</b> Everything is made of matter which is in constant flux between three states, and the world depends on the stability of the states of matter.</p> <p><b>Key Concepts:</b> Form, Function, Causation</p> <p><b>Related Concepts:</b> States of Matter, Sustainability</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• States of matter</li> <li>• Uses of energy</li> <li>• Ways that energy can be conserved</li> </ul>

Age	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
	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 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 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 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 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 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.
<b>Titles:</b>	<b>Community</b>	<b>Forms of government</b>	<b>Advertising</b>	<b>Scientific method</b>	<b>Trade</b>	<b>Adaptation</b>
3 <sup>rd</sup> (8-9)	<p><b>Central Idea:</b> A community grows or declines based on its ability to provide education, safety, and jobs to its people</p> <p><b>Key Concepts:</b> From, Change, Causation</p> <p><b>Related Concepts:</b> Education, Economic Networks, Roles in Society</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Characteristics of a community</li> <li>Reasons people form communities</li> <li>Connections between education and community</li> <li>Effect of the community on an individual</li> </ul>	<p><b>Central Idea:</b> Forms of government differ in terms of participation, constitutions and powers, which can shape the quality of life.</p> <p><b>Key Concepts:</b> Function, Perspective, Connection</p> <p><b>Related Concepts:</b> Government, Participation, Founders, Constitutions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Connection between forms of government and participation</li> <li>Effect of government on culture</li> <li>Strengths and weaknesses of a form of government</li> </ul>	<p><b>Central Idea:</b> Advertisements shape people's opinions and choices which in turn shape popular culture.</p> <p><b>Key Concepts:</b> Form, Connection, responsibility</p> <p><b>Related Concepts:</b> Forms of expression,</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Types of advertisements</li> <li>Connections between advertisements and choices/options</li> <li>Advertisement as a responsibility</li> <li>Popular culture</li> </ul>	<p><b>Central Idea:</b> People have developed methods and ways to find out more about the world around.</p> <p><b>Key Concepts:</b> Function, Causation, reflection</p> <p><b>Related Concepts:</b> Scientific Method</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How inquiry in science conducted</li> <li>Hypothesis as explaining causation</li> <li>Role of evidence to prove hypothesis</li> </ul>	<p><b>Central Idea:</b> Natural resources, goods, and services, have a vital role in the local and global economy.</p> <p><b>Key Concepts:</b> Function, Connection</p> <p><b>Related Concepts:</b> Trade, Natural Resources</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Ways we use resources, goods and services</li> <li>How resources, goods and services address human needs</li> <li>Connection between economy and goods, services and resources</li> <li>Connections between local and global economies</li> </ul>	<p><b>Central Idea:</b> Organisms adapt over time to changing conditions of their surroundings in order to prosper.</p> <p><b>Key Concepts:</b> Causation, Connection, Change</p> <p><b>Related Concepts:</b> Individual Responsibility,</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Evolution</li> <li>Changes and adaptations in plants and animals</li> <li>How organisms adapt or respond to environmental conditions</li> </ul>
<b>Titles:</b>	<b>Indigenous People</b>	<b>Planets</b>	<b>Autobiography</b>	<b>Motion</b>	<b>Revolutions</b>	<b>Balance of Ecosystems</b>
4 <sup>th</sup> (9-10)	<p><b>Central Idea:</b> Indigenous Peoples have unique cultures closely connected with their native lands which have survived to the present day.</p> <p><b>Key Concepts:</b> Connection, Perspective, Responsibility</p> <p><b>Related Concepts:</b> Multiculturalism, Autobiography</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Connections in biographies of indigenous people around the world</li> <li>Similarities and differences between our culture and the cultures of others</li> </ul>	<p><b>Central Idea:</b> Revolution leads to change in the structure of government.</p> <p><b>Key Concepts:</b> Causation, Change</p> <p><b>Related Concepts:</b> Revolution, Systems, Government structures</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Nature and purpose of rules and laws</li> <li>Effects of Revolution</li> <li>The American Revolution</li> <li>Changes produced by revolution</li> </ul>	<p><b>Central Idea:</b> Personal Experiences shape the ways we express ourselves and our autobiographies.</p> <p><b>Key Concepts:</b> Perspective, Causation, Reflection</p> <p><b>Related Concepts:</b> Autobiography, dialects</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Differences in perspectives of autobiographies and biographies.</li> <li>Effects of childhood experiences</li> <li>Writing an autobiography</li> </ul>	<p><b>Central Idea:</b> Natural laws are universal and constant and should be studied and understood.</p> <p><b>Key Concepts:</b> Form, Function, Causation, Connection</p> <p><b>Related Concepts:</b> Motion, gravity, forces</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Properties of light</li> <li>Ways sounds are produced and changed</li> <li>Ways people use simple machines</li> </ul>	<p><b>Central Idea:</b> Our galaxy is composed of solar systems made of planets, which rotate around stars that we can only observe from afar.</p> <p><b>Key Concepts:</b> Function, Causation, Change, Reflection</p> <p><b>Related Concepts:</b> Planets, Orbit</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Physical features of the planets</li> <li>Connections between the moon and the earth</li> <li>Similarities and differences between constellations</li> <li>Uses of constellations</li> </ul>	<p><b>Central Idea:</b> In an ecosystem all parts need to be and remain in a balance to best survive.</p> <p><b>Key Concepts:</b> Connection, Responsibility, Perspective</p> <p><b>Related Concepts:</b> Ecosystems, Balance of Nature</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Causes of changes in ecosystems balance</li> <li>Consequences of ecosystem imbalance</li> <li>Connections between organisms</li> </ul>
<b>Titles:</b>	<b>Genetics</b>	<b>Civil Rights</b>	<b>Poetry</b>	<b>Natural Disasters</b>	<b>Cells</b>	<b>Laws</b>
5 <sup>th</sup> (10-11)	<p><b>Central Idea:</b> Humans are shaped by physical traits inherited from parents and learned behaviors not controlled by heredity.</p> <p><b>Key Concepts:</b> Connection, Function</p> <p><b>Related Concepts:</b> Generations, Traits,</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How cells determine who or what organisms are</li> <li>How genes influence human traits</li> <li>How traits are passed through generations</li> </ul>	<p><b>Central Idea:</b> Conflict is based on cultural, economic and political differences and causes drastic change in societies.</p> <p><b>Key Concepts:</b> Causation, Change, Perspective</p> <p><b>Related Concepts:</b> Civil Rights, Conflict &amp; Change</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Causes of conflict between or within nations</li> <li>Changes in society and government as a result of conflict</li> <li>Evaluating change resulting from conflict</li> </ul>	<p><b>Central Idea:</b> Poetry helps us better connect with issues we face in life.</p> <p><b>Key Concepts:</b> Change, Connection, Reflection</p> <p><b>Related Concepts:</b> Expression, Poetic Devices</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Connections between poetry and intercultural awareness</li> <li>Ways poetry has led to change in society</li> <li>Ways poetry can help people become more sensitive global citizens</li> </ul>	<p><b>Central Idea:</b> There are destructive and constructive forces working on Earth which constantly change the features of our planet.</p> <p><b>Key Concepts:</b> Form, Causation, Connection</p> <p><b>Related Concepts:</b> Natural Disasters</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Changing features of the Earth</li> <li>Effects of natural disasters on land</li> <li>Effects of natural disasters on people</li> </ul>	<p><b>Central Idea:</b> All living things are made of cells which have share common features and functions.</p> <p><b>Key Concepts:</b> Form, Function, Causation</p> <p><b>Related Concepts:</b> Cells, Organization, Grouping, Structure</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Parts of the cell</li> <li>How cells work</li> <li>How single cell organisms benefit/harm people</li> </ul>	<p><b>Central Idea:</b> A government can address societal problems through creating laws.</p> <p><b>Key Concepts:</b> Responsibility, function, perspective</p> <p><b>Related Concepts:</b> Legislation</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>How problems in society lead to laws</li> <li>How an bill becomes a law</li> <li>Effects of laws on society</li> <li>Responsibilities of law makers</li> </ul>