

## PYP of the IB: Program of Inquiry

Warren T. Jackson Elementary

August 2009

| Age                       | An inquiry into<br><b>WHO WE ARE</b>  | An inquiry into<br><b>WHERE WE ARE IN PLACE AND TIME</b>   | An inquiry into<br><b>HOW WE EXPRESS OURSELVES</b>   | An inquiry into<br><b>HOW THE WORLD WORKS</b>  | An inquiry into<br><b>HOW WE ORGANIZE OURSELVES</b>  | An inquiry into<br><b>SHARING THE PLANET</b>  |
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|                           | An exploration of the nature of self; of our beliefs and personal values; of personal, mental, social, and spiritual health; of our families, friends, communities and cultures; of our rights and responsibilities; of what it means to be human.  | An exploration of our orientations in place and time; of our personal histories; of history and geography from local and global perspectives; of our homes and journeys; of the discoveries, explorations, and migrations of humankind; of the contributions of individuals and civilizations.   | An exploration of the way in which we discover and express our nature, ideas, feelings, beliefs, and values through language and the arts.   | An exploration of the physical and material world; of natural and human made phenomena; of the world of science and technology.  | An exploration of human systems and communities; of the world of work, its nature and its value; of employment and unemployment and their impact.  | An exploration of our rights and responsibilities as we try to share finite resources with other people and other living things; of the communities and of the relationships within and between them.   |
| 5-6<br>(K)                | <p style="text-align: center;"><b>ALL ABOUT ME</b></p> <p><b>Subject:</b> PSE, SS, Science<br/><b>Central Idea:</b> Everyone is unique and special.<br/><b>Inquiry into:</b><br/>-physical characteristics<br/>-different abilities<br/>-how we grow and change<br/>-our families<br/>-how we use our 5 senses</p> <p style="color: red;">Key Concept- Reflection – “How do we know?”</p>                               | <p style="text-align: center;"><b>ME ON A MAP</b></p> <p><b>Subject:</b> SS<br/><b>Central Idea:</b> We are a part of many communities.<br/><b>Inquiry into:</b><br/>-different communities (neighbourhood, city, state, country, continent, world)<br/>-where we live<br/>-map skills</p> <p style="color: red;">Key Concept- Connection “How is it connected to other things?”</p> | <p style="text-align: center;"><b>CELEBRATIONS AND SYMBOLS</b></p> <p><b>Subject:</b> SS<br/><b>Central Idea:</b> Celebrations and symbols help us understand the traditions and beliefs of a people.<br/><b>Inquiry into:</b><br/>-types of celebrations<br/>-similarities and differences of celebrations<br/>-how beliefs influence celebrations<br/>- Celebrations have symbols<br/>-Cultures have patriotic symbols</p> <p style="color: red;">Key Concept- Change “How is it changing?”</p>                | <p style="text-align: center;"><b>ON THE MOVE</b></p> <p><b>Subject:</b> Science<br/><b>Central Idea:</b> Objects around us move in a predictable way.<br/><b>Inquiry into:</b><br/>-the day and night sky<br/>-the effect of gravity on objects<br/>-different types of motion</p> <p style="color: red;">Key Concept- Form “What is it like?”</p>  | <p style="text-align: center;"><b>HELPING HANDS</b></p> <p><b>Subject:</b> SS, PSE<br/><b>Central Idea:</b> People within a community take on different roles and responsibilities.<br/><b>Inquiry into:</b><br/>-the roles and responsibilities within a</p> <ul style="list-style-type: none"> <li>• Family</li> <li>• Classroom</li> <li>• School</li> <li>• City</li> </ul> <p style="color: red;">Key Concept- Responsibility “What is our responsibility?”</p> | <p style="text-align: center;"><b>PRECIOUS PLANET EARTH</b></p> <p><b>Subject:</b> Science<br/><b>Central Idea:</b> The Earth consists of a variety of interdependent organisms.<br/><b>Inquiry into:</b><br/>- The difference between living and non-living<br/>- Similarities and differences in various animals<br/>- Similarities and differences in various plants</p> <p style="color: red;">Key Concept- Form “What is it like?” Connection “How is it connected to other things?”</p> |
| 6-7<br>(1 <sup>st</sup> ) | <p style="text-align: center;"><b>A BALANCING ACT</b></p> <p><b>Subject:</b> SS, PSE<br/><b>Central Idea:</b> All humans share the same basic needs in order to live a balanced life.<br/><b>Inquiry into:</b><br/>-basic needs of all humans<br/>-safe practices<br/>-the importance of relationships</p> <p style="color: red;">Key Concept- Form “What is it like?” Responsibility “What is our responsibility?”</p> | <p style="text-align: center;"><b>LONG AGO AND TODAY</b></p> <p><b>Subject:</b> SS, History<br/><b>Central Idea:</b> The way people live changes over time.<br/><b>Inquiry into:</b><br/>-how people lived in the past<br/>-changes in technology<br/>-how and why life is different today</p> <p style="color: red;">Key Concept- Change “How is it changing?”</p>                  | <p style="text-align: center;"><b>OH, THE PLACES YOU’LL GO!</b></p> <p><b>Subject:</b> Language Arts<br/><b>Central Idea:</b> Authors express their ideas in creative ways through a variety of texts.<br/><b>An inquiry into:</b><br/>-Dr. Seuss author study<br/>-expressing yourself creatively through writing<br/>-factors that influence an author<br/>-the role of language in writing a story</p> <p style="color: red;">Key Concept- Reflection “How do we know?” Causation “Why is it like it is?”</p> | <p style="text-align: center;"><b>WEATHER ROCKS</b></p> <p><b>Subject:</b> Science, Math<br/><b>Central Idea:</b> Weather affects the environment and the way we live.<br/><b>Inquiry into:</b><br/>-seasonal changes in weather<br/>-tools used to measure weather conditions<br/>-how temperature affects water<br/>-how weather and temperature affect people</p> <p style="color: red;">Key Concept- Connection “How is it connected to other things?”</p> | <p style="text-align: center;"><b>GLOBAL AWARENESS</b></p> <p><b>Subject:</b> SS, Geography<br/><b>Central Idea:</b> Our world is organized by continents and oceans.<br/><b>Inquiry into:</b><br/>-continents and oceans<br/>-landforms<br/>-my location in the world</p> <p style="color: red;">Key Concept- Form “What is it like?”</p>   | <p style="text-align: center;"><b>WHERE THE WILD THINGS ARE</b></p> <p><b>Subject:</b> Science<br/><b>Central Idea:</b> Plants and animals have characteristics that are essential to their survival.<br/><b>Inquiry into:</b><br/>-how plants and animals look, grow, and move<br/>-how plant and animal characteristics aid in survival<br/>-factors that threaten survival</p> <p style="color: red;">Key Concept- Function “How does it work?”</p>  |

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| 7-8<br>(2 <sup>nd</sup> ) | <p><b>GEORGIA, ON MY MIND</b><br/><b>Subject:</b> PSE, History<br/><b>Central Idea:</b><br/>Influential people in a region impact the lives of its citizens.<br/><b>Inquiry into:</b><br/>- Influential people past and present<br/>- connections between influential people and IB attitudes<br/>-Features of non-fiction text to gather information<br/><br/><b>Key Concept- Connection</b><br/>“How is it connected to other things?”</p> | <p><b>OUR PRECIOUS PAST</b><br/><b>Subject:</b> SS, History<br/><b>Central Idea:</b> The lifestyle of the first people of a region is both similar to and different from those of present cultures.<br/><b>Inquiry into:</b><br/>-how people used their local resources<br/>-the relationship between place and lifestyle<br/>-the similarities and differences of cultures of the past and of today<br/><br/><b>Key Concepts- Causation</b><br/>“Why is it like it is?”</p> | <p><b>CLUES TO A CULTURE</b><br/><b>Subject:</b> SS, Language<br/><b>Central Idea:</b> Cultures around the world express themselves differently.<br/><b>Inquiry into:</b><br/>-cultures revealed through writing<br/>-culture found in fables<br/>-culture found legends and myths<br/>-components needed to write your own fable, myth, or legend<br/><br/><b>Key Concept- Perspective</b><br/>“What are the points of view?”</p> | <p><b>ROUND AND ROUND</b><br/><b>Subject:</b> Science, Math<br/><b>Central Idea:</b> Cycles are constantly occurring around us.<br/><b>Inquiry into:</b><br/>-life cycles of plants and animals<br/>-seasonal changes<br/>-the cycles of the Earth and the moon<br/><br/><b>Key Concept- Function</b> “How does it work?” <b>Change</b> “How is it changing?”</p>   | <p><b>WHERE IN THE WORLD AM I?</b><br/><b>Subject:</b> SS, Civics<br/><b>Central Idea:</b> The people, their leaders and the laws shape a community.<br/><b>Inquiry into:</b><br/>-different communities<br/>-the need for rules and laws within a community<br/>-the role of the people and their leaders within a community<br/>- the behaviour of citizens in various communities<br/><br/><b>Key Concept- Function</b> “How does it work?”</p>                             | <p><b>CRAFTY CONSUMERS</b><br/><b>Subject:</b> Economics, SS<br/><b>Central Idea:</b> People must make informed economic choices because of limited resources.<br/><b>Inquiry Into:</b><br/>-the relationship between scarcity and opportunity cost<br/>-allocation of goods and services (consumers and producers)<br/>-spending and saving choices<br/>-trading and bartering<br/>-wants vs. needs<br/><br/><b>Key Concept- Responsibility</b><br/>“What is our responsibility?”</p> |
| 8-9<br>(3 <sup>rd</sup> ) | <p><b>LAW AND ORDER</b><br/><b>Subject:</b> SS, Civics<br/><b>Central Idea:</b> Societies are governed by a system that makes laws and keeps order.<br/><b>An inquiry into:</b><br/>-different levels of government<br/>-the role of citizens in their governments<br/>-the purpose of rules and laws<br/><b>Key Concept- Function</b><br/>“How does it work?”</p>   | <p><b>HEROES OF OUR HISTORY</b><br/><b>Subject:</b> PSE, SS- History<br/><b>Central Idea:</b> Historical role models display positive character traits.<br/><b>An inquiry into:</b><br/>-positive character traits<br/>-historical role models<br/>-effects of conflict and change<br/><br/><b>Key Concepts- Responsibility</b><br/>“What is our responsibility?”</p>  | <p><b>PERSONAL MEMOIRS</b><br/><b>Subject:</b> Language Arts<br/><b>Central Idea:</b> We read and write about what matters to us.<br/><b>An inquiry into:</b><br/>-different genres<br/>-reasons people read and how to select a book<br/>-reasons people write and how to select a topic<br/>-personal narratives<br/><br/><b>Key Concepts- Reflection</b> “How do we know?”</p>  | <p><b>CAN YOU DIG IT?</b><br/><b>Subject:</b> SS, Science<br/><b>Central idea:</b> A relationship exists between the Earth’s landforms and where communities are formed.<br/><b>Inquiry into:</b><br/>-characteristics of rocks, mineral, fossils, and soil<br/>-factors that cause change<br/>-the relationship between landforms and communities<br/><b>Key Concepts- Causation</b><br/>“Why is it like it is?”</p> | <p><b>IT’S ALL GREEK TO ME</b><br/><b>Subject:</b> SS, Civics, Art, LA<br/><b>Central Idea:</b> The culture of Greek civilization has influenced societies around the world..<br/><b>Inquiry into:</b><br/>-types of influences of Greeks on societies (architecture, law/government, Olympics, myths)<br/>-the roots of democracy<br/>-locations on a map where Greece has influenced<br/><br/><b>Key Concepts- Connection</b><br/>“How is it connected to other things?”</p> | <p><b>HOME SWEET HOME</b><br/><b>Subject:</b> Science<br/><b>Central idea:</b> Plants and animals depend on their habitat for survival.<br/><b>Inquiry into:</b><br/>-characteristics of animals that allow them to survive.<br/>-the effects of interruptions to a habitat<br/>-ways to protect and conserve a habitat<br/>-connections between a region and an animal’s adaptations<br/><b>Key Concept- Form</b> “What is it like?” <b>Change</b> “How does it change?”</p>          |



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| 9-10 (4 <sup>th</sup> ) | <p><b>RIGHTS AND RESPONSIBILITIES</b><br/> <b>Subject:</b> Social Studies, PSE<br/> <b>Central Idea:</b> Nations have structural systems that define the rights and responsibilities of citizens.<br/> <b>Inquiry Into:</b><br/>         -how nations determine the rights of its citizens<br/>         -rights vs. responsibilities<br/>         -governing documents<br/>         -different functions of a government<br/> <b>Key Concept- Function</b> "How does it work?" and <b>Responsibility</b> "What is our responsibility?"</p> | <p><b>A WHOLE NEW WORLD</b><br/> <b>Subject</b> SS, Science<br/> <b>Central Idea:</b> People seek new discoveries to improve their lives.<br/> <b>Inquiry into:</b><br/>         -reasons why people explore new places<br/>         -the obstacles people face as they explore and settle<br/>         -how exploration and settlement directly and indirectly affect societies<br/>         -relationships with the native people and its impact on settlement<br/> <b>Key Concept- Perspective</b> "What are the points of view?" <b>Connection</b> "How is it connected to other things?"</p> | <p><b>THE TALES WE TELL</b><br/> <b>Subject:</b> Language Arts<br/> <b>Central Idea:</b> The values and beliefs of a culture are reflected in the stories of its people.<br/> <b>Inquiry into:</b><br/>         -stories originating from various places, times, and perspectives<br/>         -why people share stories<br/>         -techniques story tellers use<br/> <b>Key Concept- Form</b> "What is it like?" <b>Connection</b> "How is it connected to other things?"</p> | <p><b>SIMPLE MACHINES</b><br/> <b>Subject:</b> Science<br/> <b>Central Idea:</b> Throughout time, machines have allowed humans to become more efficient.<br/> <b>Inquiry into:</b><br/>         -force and motion<br/>         -how simple machines work<br/>         -the role of machines over time<br/> <b>Key Concept- Function</b> "How does it work?"</p> | <p><b>13 COLONIES</b><br/> <b>Subject:</b> SS, Economics<br/> <b>Central Idea:</b> Lifestyles within a region are influenced by geography and interests of the people.<br/> <b>Inquiry Into:</b><br/>         -factors that shape the lifestyle of a region<br/>         -specialization<br/>         -trade and exchange among regions<br/> <b>Key Concept- Causation</b> "Why is it like it is?" <b>Perspective</b> "What are the points of view?"</p> | <p><b>ECOSYSTEMS</b><br/> <b>Subject:</b> Science<br/> <b>Central Idea:</b> There is a relationship between the flow of energy in an ecosystem and the survival of organisms.<br/> <b>An Inquiry into:</b><br/>         -relationships among organisms within an ecosystem<br/>         -how changes in the environment affect organisms<br/>         -how organisms adapt to the environment<br/> <b>Key Concept- Change</b> "How does it change?"</p> |



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| <p>10-11<br/>(5<sup>th</sup>)</p> | <p><b>5<sup>th</sup> GRADE EXHIBITION</b></p> <p><b>Subject:</b></p> <p><b>Central Idea:</b></p> <p><b>Inquiry Into:</b></p> <p>-Key Concept- Changes each year.</p> | <p><b>MOVERS AND SHAKERS</b></p> <p><b>Subject:</b> SS</p> <p><b>Central Idea:</b> People can work together to affect change.</p> <p><b>Inquiry into:</b></p> <ul style="list-style-type: none"> <li>-reasons people take action</li> <li>-actions that effectively bring about change</li> <li>-contributions of individuals</li> </ul> <p>Key Concept- Causation<br/>"Why is it like it is?"</p> | <p><b>LET YOUR VOICE BE HEARD</b></p> <p><b>Subject:</b> Language Arts, PSE</p> <p><b>Central Idea:</b> People use various techniques to persuade.</p> <p><b>Inquiry into:</b></p> <ul style="list-style-type: none"> <li>-creating and supporting a position</li> <li>-the role of media in forming opinions</li> <li>-written, visual, and oral techniques</li> </ul> <p>Key Concepts- Perspective<br/>"What are the different points of view?" Reflection "How do we know?"</p> | <p><b>ROCKIN'AND ROLLIN'</b></p> <p><b>Subject:</b> Science</p> <p><b>Central Idea:</b> Natural processes cause change to the Earth's surface.</p> <p><b>Inquiry into:</b></p> <ul style="list-style-type: none"> <li>-constructive forces and destructive forces</li> <li>-the effects of natural processes</li> <li>-human intervention in controlling and monitoring natural processes</li> </ul> <p>Key Concept- Function "How does it work?" Responsibility "What is our responsibility?"</p> | <p><b>MONEY, MONEY, MONEY</b></p> <p><b>Subject:</b> SS</p> <p><b>Central Idea:</b> The state of the economy affects how people live.</p> <p><b>Inquiry into:</b></p> <ul style="list-style-type: none"> <li>-reasons why an economy flourishes or declines</li> <li>-how people respond during time of economic prosperity and difficulty</li> <li>-how the state of the economy influences cultural development</li> <li>-government's role in the economy</li> </ul> <p>Key Concept- Connection "How is it connected to other things?" Change "How is it changing?"</p> | <p><b>IT'S A SMALL WORLD</b></p> <p><b>Subject:</b> SS, History</p> <p><b>Central Idea:</b> Conflict affects relationships, decisions, and actions.</p> <p><b>Inquiry into:</b></p> <ul style="list-style-type: none"> <li>-reasons people have conflict</li> <li>-effects of conflict</li> <li>-ways people attempt to resolve conflict</li> </ul> <p>Key Concept- Perspective "What are the points of view?" Responsibility "What is our responsibility?"</p> |
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