

## PWCS Aligned Programme of Inquiry for PYP Schools

	Who We Are An inquiry into identity as individuals and as part of a collective through:  Physical, emotional, and spiritual health and well-being;  Relationships and belonging;  Learning and growing	Where We Are In Place And Time An inquiry into histories and orientation in place, space, and time through:  Periods, events, and artifacts;  Communities, heritage culture, and environment  Natural and human drivers of movement, adaptation, and transformation	How We Express Ourselves An inquiry into the diversity of voice, perspectives, and expression through:  Inspiration, imagination, creativity;  Personal, social, and cultural notes and practices of communication;  Intentions, perceptions, interpretations, and responses	How The World Works An inquiry into the understandings of the world and phenomena through:  Patterns, cycles, and systems;  Diverse practices, methods, and tools;  Discovery, design, innovation, possibilities, and impacts	How We Organize Ourselves An inquiry into systems, structures, and networks through:  Interactions with and between social and ecological systems;  Approaches to livelihoods and trad practice- intended and unintended consequences  Representation, collaboration, and decision-making	Sharing The Planet An inquiry into the interdependence of human and natural worlds through:  Rights, responsibilities, and dignity of all;  Pathways to just, peaceful, and reimagined futures;  Nature, complexity, coexistence, and wisdom
K	<p><b>*REQUIRED PLANNER*</b></p> <p><b>1<sup>st</sup> quarter</b></p> <p><u>TI:</u> An inquiry into identity as individuals and as part of a collective through: relationships and belonging</p> <p><u>Central Idea:</u> Identity and experiences create our role in the world</p> <p><u>Specified Concepts:</u> Form, Function, Responsibility</p> <p><u>Lines of Inquiry:</u> Form: Diversity and communication help build community</p> <p>Function: Roles and Purpose create relationships</p> <p>Responsibility: Citizenship and choices help us collaborate</p> <p><u>ATLs:</u> Social, Communication, Self-Management</p> <p><u>LP:</u> Caring, Communicators, Principled</p>	<p><b>3<sup>rd</sup> quarter</b></p> <p><u>TI:</u> An inquiry into histories and orientation in place, space, and time through: natural and human drivers of movement, adaptation and transformation</p> <p><u>Central Idea:</u> Characteristics and interaction progress over time</p> <p><u>Specified Concepts:</u> Connection, Form, Change</p> <p><u>Lines of Inquiry:</u> Form: Change and development can be observed</p> <p>Connection: Interactions can build relationships to gain knowledge</p> <p>Change: Cycles and sequences can keep things balanced</p> <p><u>ATLs:</u> Thinking, Research</p> <p><u>LP:</u> Open-minded, Thinkers, Balanced</p>	<p><b>*REQUIRED PLANNER*</b></p> <p><b>4<sup>th</sup> quarter</b></p> <p><u>TI:</u> An inquiry into the diversity of voice, perspectives, and expressions through: personal, social, cultural notes and practices of communication</p> <p><u>Central Idea:</u> Discovery contributes to new ways to communicate thinking</p> <p><u>Specified Concepts:</u> Causation, Responsibility, Perspective</p> <p><u>Lines of Inquiry:</u> Causation: Exploration and experiences empower choices</p> <p>Responsibility: Interactions and values shape decisions</p> <p>Perspective: Inquiry increases understanding and engagement</p> <p><u>ATLs:</u> Communication, Self-Management</p> <p><u>LP:</u> Open-minded, Risk-takers, Communicators</p>		<p><b>2<sup>nd</sup> quarter</b></p> <p><u>TI:</u> An inquiry into systems, structures, and networks through: interactions with and between social and ecological systems</p> <p><u>Central Idea:</u> Relationships and patterns develop systems in our lives</p> <p><u>Specified Concepts:</u> Function, Connection, Causation</p> <p><u>Lines of Inquiry:</u> Function: Roles develop purpose in systems</p> <p>Connections: Interactions and structures drive communities</p> <p>Causation: Sequences and patterns produce outcomes</p> <p><u>ATLs:</u> Thinking, Research, Communication</p> <p><u>LP:</u> Inquirers, Knowledgeable, Communicators, Balanced</p>	

	<p><b>Who We Are</b> An inquiry into identity as individuals and as part of a collective through:</p> <p>Physical, emotional, and spiritual health and well-being;</p> <p>Relationships and belonging;</p> <p>Learning and growing</p>	<p><b>Where We Are In Place And Time</b> An inquiry into histories and orientation in place, space, and time through:</p> <p>Periods, events, and artifacts;</p> <p>Communities, heritage culture, and environment</p> <p>Natural and human drivers of movement, adaptation, and transformation</p>	<p><b>How We Express Ourselves</b> An inquiry into the diversity of voice, perspectives, and expression through:</p> <p>Inspiration, imagination, creativity;</p> <p>Personal, social, and cultural notes and practices of communication;</p> <p>Intentions, perceptions, interpretations, and responses</p>	<p><b>How The World Works</b> An inquiry into the understandings of the world and phenomena through:</p> <p>Patterns, cycles, and systems;</p> <p>Diverse practices, methods, and tools;</p> <p>Discovery, design, innovation, possibilities, and impacts</p>	<p><b>How We Organize Ourselves</b> An inquiry into systems, structures, and networks through:</p> <p>Interactions with and between social and ecological systems;</p> <p>Approaches to livelihoods and trad practice- intended and unintended consequences</p> <p>Representation, collaboration, and decision-making</p>	<p><b>Sharing The Planet</b> An inquiry into the interdependence of human and natural worlds through:</p> <p>Rights, responsibilities, and dignity of all;</p> <p>Pathways to just, peaceful, and reimagined futures;</p> <p>Nature, complexity, coexistence, and wisdom</p>
1 <sup>st</sup>	<p><b>Planner 1</b> <u>TI:</u> An inquiry into identity as individuals and as part of a collective through: physical, emotional and spiritual health and well-being</p> <p><u>Central Idea:</u> Choices reflect citizenship and community</p> <p><u>Specified Concepts:</u> Form, Connection, Perspective</p> <p><u>Lines of Inquiry:</u> Form: Rules create systems</p> <p>Connection: Organization provides similarities in how things and ideas are related</p> <p>Perspective: Position and place give information to build understanding</p> <p><u>ATLs:</u> Self-management, Social</p> <p><u>LP:</u> Caring, Reflective, Principled</p>	<p><b>Planner 2</b> <u>TI:</u> An inquiry into histories and orientation in place, space and time through: periods, events, artifacts</p> <p><u>Central Idea:</u> Characteristics help us to explore structures</p> <p><u>Specified Concepts:</u> Connection, Causation, Change</p> <p><u>Lines of Inquiry:</u> Connection: Evidence strengthens understanding</p> <p>Causation: Attributes affect organization</p> <p>Change: Position conveys meaning</p> <p><u>ATLs:</u> Thinking (I can analyze), Communication (I can interpret, reflect)</p> <p><u>LP:</u> Thinkers, Caring, Knowledgeable</p>	<p><b>YEAR LONG PLANNER(AUG-JUN)</b> <u>TI:</u> An inquiry into the diversity of voice, perspectives, and expression through: personal, social, and cultural notes and practices of communication</p> <p><u>Central Idea:</u> Maps and stories of changemakers help us explore the history of Virginia</p> <p><u>Specified Concepts:</u> Function, Perspective, Responsibility</p> <p><u>Lines of Inquiry:</u> Function: Events, celebrations, people and artifacts are tools to learn and become more knowledgeable citizens</p> <p>Perspective: Understanding the past helps us appreciate differences</p> <p>Responsibility: Learning from people in the past and today can help us make better choices</p> <p><u>ATL:</u> Thinking, Research</p> <p><u>LP:</u> Thinkers, Knowledgeable, Inquirers</p>	<p><b>Planner 5</b> <u>TI:</u> An inquiry into the understandings of the world and phenomena through: discovery, design, innovation, possibilities, and impact</p> <p><u>Central Idea:</u> Investigation and information inspire discoveries</p> <p><u>Specified Concepts:</u> Function, Connection, Perspective</p> <p><u>Lines of Inquiry:</u> Function: Roles and relationships help us understand purpose</p> <p>Connection: Interactions promote relationships</p> <p>Perspective: Experiences influence the lens through which we view the world</p> <p><u>ATLs:</u> Social, Self-management</p> <p><u>LP:</u> Open-minded, Caring, Inquirers</p>	<p><b>Planner 3</b> <u>TI:</u> An inquiry into systems, structures, and networks through: interactions with and between social and ecological systems</p> <p><u>Central Idea:</u> Understanding systems helps to make sense of the world</p> <p><u>Specified Concepts:</u> Form, Function, Connection</p> <p><u>Lines of Inquiry:</u> Form: Structures and patterns are present in our world</p> <p>Function: Roles support the structure of processes</p> <p>Connection: Interactions create relationships</p> <p><u>ATLs:</u> Communication, Research</p> <p><u>LP:</u> Open-minded, Caring, Inquirers</p>	<p><b>Planner 4</b> <u>TI:</u> An inquiry into the interdependence of human and natural worlds through: nature, complexity, coexistence, and wisdom</p> <p><u>Central Idea:</u> Decisions affect the world around us</p> <p><u>Specified Concepts:</u> Causation, Change, Responsibility</p> <p><u>Lines of Inquiry:</u> Causation: Our choices have effects on ourselves, others, and the world Change: Resources are affected by human use Responsibility: Actions create impact</p> <p><u>ATLs:</u> Thinking, Research, Communication</p> <p><u>LP:</u> Thinkers, Reflective, Communicators</p>

	<b>Who We Are</b> An inquiry into identity as individuals and as part of a collective through:  Physical, emotional, and spiritual health and well-being;  Relationships and belonging;  Learning and growing	<b>Where We Are In Place And Time</b> An inquiry into histories and orientation in place, space, and time through:  Periods, events, and artifacts;  Communities, heritage culture, and environment  Natural and human drivers of movement, adaptation, and transformation	<b>How We Express Ourselves</b> An inquiry into the diversity of voice, perspectives, and expression through:  Inspiration, imagination, creativity;  Personal, social, and cultural notes and practices of communication;  Intentions, perceptions, interpretations, and responses	<b>How The World Works</b> An inquiry into the understandings of the world and phenomena through:  Patterns, cycles, and systems;  Diverse practices, methods, and tools;  Discovery, design, innovation, possibilities, and impacts	<b>How We Organize Ourselves</b> An inquiry into systems, structures, and networks through:  Interactions with and between social and ecological systems;  Approaches to livelihoods and trad practice- intended and unintended consequences  Representation, collaboration, and decision-making	<b>Sharing The Planet</b> An inquiry into the interdependence of human and natural worlds through:  Rights, responsibilities, and dignity of all;  Pathways to just, peaceful, and reimagined futures;  Nature, complexity, coexistence, and wisdom
2 <sup>nd</sup>	<b>Planner 4-Feb-Mar (Mini PBL)</b> <u>TT:</u> An inquiry into identity as individuals and as part of a collective through: relationships and belonging  <u>Central Idea:</u> Exploration leads to opportunity, discovery, and understanding  <u>Specified Concepts:</u> Connection, Change, Perspective  <u>Lines of Inquiry:</u> Connection: Relationships build belonging  Change: Communication illuminates a vision  Perspective: Engagement transfers ideas  <u>ATLs:</u> Thinking, Research, Self-management  <u>LP:</u> Open-minded, Balanced	<b>Planner 3 Nov/Dec-Jan</b> <u>TT:</u> An inquiry into histories and orientation in place, space, and time through: natural and human drivers of movement, adaptations and transformation  <u>Central Idea:</u> Resources play a role in systems  <u>Specified Concepts:</u> Form, Function, Connection  <u>Lines of Inquiry:</u> Form: Location determines characteristics and choices  Function: Communities rely on relationships for balance  Connection: Resources impact the environment and community.  <u>ATLs:</u> Self-management, Communication, Thinking, Social  <u>LP:</u> Open-minded, Reflective, Balanced, Communicators	<b>Planner 2 Nov</b> <u>TT:</u> An inquiry into the diversity of voice, perspectives, and expression through: personal, social, and cultural notes and practices of communication  <u>Central Idea:</u> Past ideas, values, and beliefs lead to further experiences, innovation, and new discoveries  <u>Specified Concepts:</u> Function, Connection, Responsibility  <u>Lines of Inquiry:</u> Function: Belonging strengthens purpose  Connection: Interactions influence progress  Responsibility: Cooperation establishes community and fosters informed growth  <u>ATLs:</u> Social, Self-management, Communication  <u>LP:</u> Thinkers, Principles, Risk-takers	<b>Planner 1 Aug-October</b> <u>TT:</u> An inquiry into the understandings of the world and phenomena through: patterns, cycles, systems  <u>Central Idea:</u> Patterns contribute to understanding  <u>Specified Concepts:</u> Form, Function, Causation  <u>Lines of Inquiry:</u> Form: Characteristics shape how components are put together  Connection: Relationships interactions link ideas  Causation: Factors help predict results  <u>ATLs:</u> Thinker, Research, Communication  <u>LP:</u> Knowledgeable, Communicators, Inquirers	<b>Planner 6 June (PBL)</b> <u>TT:</u> An inquiry into systems, structures, and networks through: approaches to livelihood and trade practices-intended and unintended consequences  <u>Central Idea:</u> Resources affect our choices  <u>Specified Concepts:</u> Change, Causation, Responsibility,  <u>Lines of Inquiry:</u> Change: Modifying behavior influences outcomes  Causation: Consequences are both positive and negative  Responsibility: Choices impact resources  <u>ATLs:</u> Thinking, Research, Communication  <u>LP:</u> Thinkers, Knowledgeable, Inquirers	<b>Planner 5 Mar Apr</b> <u>TT:</u> An inquiry into the interdependence of human and natural worlds through: nature, complexity, coexistence, and wisdom  <u>Central Idea:</u> Characteristics influence interactions  <u>Specified Concepts:</u> Function, Connection, Change  <u>Lines of Inquiry:</u> Function: Properties and features develop patterns (movement develops patterns)  Connection: Relationships influence systems  Change: Transitions occur throughout processes  <u>ATLs:</u> Social, Research, Thinking  <u>LP:</u> Caring, Inquirer, Communicators

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3 <sup>rd</sup>	<p><b>Planner 6-QT 4</b> <u>TI:</u> An inquiry into identity as individuals and as part of a collective through: learning and growing</p> <p><u>Central Idea:</u> Force decides direction of an object or idea</p> <p><u>Specified Concepts:</u> Responsibility, Connection, Causation</p> <p><u>Lines of Inquiry:</u> Connection: Relationships between ideas and elements create interdependence</p> <p>Causation: Experiences influence perspectives</p> <p>Responsibility: Investigation of movement increases understanding</p> <p><u>ATLs:</u> Communication, Social, Self-management</p> <p><u>LP:</u> Open-minded, Caring, Communicators</p>	<p><b>Planner 4 Mid Dec-end of Jan</b> <u>TI:</u> An inquiry into histories and orientation in place, space, and time through: natural and human drivers of movement, adaptation, and transformation</p> <p><u>Central Idea:</u> Societies and environments evolve over time</p> <p><u>Specified Concepts:</u> Thinking, Communication, Research</p> <p><u>Lines of Inquiry:</u> Form: Surroundings impact populations</p> <p>Connection: Needs drive discovery</p> <p>Change: Behaviors can adjust development</p> <p><u>ATLs:</u> Thinking, Communication, Research</p> <p><u>LP:</u> Caring, Knowledgeable, Inquirers</p>	<p><b>Planner 5 QT 3</b> <u>TI:</u> An inquiry into the diversity of voice, perspectives, and expression through: personal, social, and cultural notes and practices of communication</p> <p><u>Central Idea:</u> Populations adapt over time</p> <p><u>Specified Concepts:</u> Form, Change, Causation</p> <p><u>Lines of Inquiry:</u> Form: Components influence stability and development</p> <p>Causation: Consequences impact adaptation</p> <p>Change: Growth produces modification</p> <p><u>ATLs:</u> Research, Communication</p> <p><u>LP:</u> Open-minded, Risk-takers</p>	<p><b>Planner 1 Aug-Sept</b> <u>TI:</u> An inquiry into the understandings of the world and phenomena through: patterns, cycles, and systems</p> <p><u>Central Idea:</u> Actions and interaction shape the world around us</p> <p><u>Specified Concepts:</u> Connection, Form, Causation</p> <p><u>Lines of Inquiry:</u> Form: Properties define structure</p> <p>Connection: relationships strengthen systems</p> <p>Causation: conditions impact outcomes</p> <p><u>ATLs:</u> Social (Interaction), Self-management (Action), Communication</p> <p><u>LP:</u> Thinkers, Knowledgeable, Reflective, Risk-takers, Principled</p>	<p><b>Planner 2 End of Sept-Beg on Nov</b> <u>TI:</u> An inquiry into systems, structures, and networks through: interactions with and between social and ecological systems</p> <p><u>Central Idea:</u> Systems and features influence organization</p> <p><u>Specified Concepts:</u> Form, Function, Change</p> <p><u>Lines of Inquiry:</u> Form: Features indicate position</p> <p>Function: Roles and purpose define systems</p> <p>Change: Process and position evolve over time</p> <p><u>ATLs:</u> Research, Self-management, Thinking</p> <p><u>LP:</u> Balanced, Risk-takers, Inquirers</p>	<p><b>Planner 3 Beg of Nov-Mid Dec</b> <u>TI:</u> An inquiry into the interdependence of human and natural worlds through: nature, complexity, coexistence, and wisdom</p> <p><u>Central Idea:</u> Choices determine the balance and relationships within our world</p> <p><u>Specified Concepts:</u> Connection, Function, Perspective</p> <p><u>Lines of Inquiry:</u> Function: Resources impact outcomes</p> <p>Connection: Roles and usage affect balance</p> <p>Perspective: Reflection creates choices</p> <p><u>ATLs:</u> Research, Self-management, Social</p> <p><u>LP:</u> Open-minded, Caring, Balanced, Principled</p>

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4 <sup>th</sup>	<b>Planner 6 May- June</b> <u>TI:</u> An inquiry into identity as individuals and as part of a collective through: learning and growing  <u>Central Idea:</u> Resources build understanding of location  <u>Specified Concepts:</u> Connection, Perspective, Change  <u>Lines of Inquiry:</u> Connection: Reflection on global knowledge generates innovation  Change: Choices impact (challenge) possibilities for development  Perspective: experiences shape global environment  <u>ATLs:</u> Social, Research, Communication  <u>LP:</u> Communicators, Caring, Reflective	<b>Planner 1 Aug-Sept</b> <u>TI:</u> An inquiry into histories and orientation in place, space, and time through: periods, events, and artifacts  <u>Central Idea:</u> Conditions impact development of communities  <u>Specified Concepts:</u> Connection, Form, Function  <u>Lines of Inquiry:</u> Form: Roles in systems establish purpose  Function: Relationships influence collaborative structures  Connection: Interdependence impacts organization  <u>ATLs:</u> Thinking, Communication, Self-Management  <u>LP:</u> Thinkers, Communicators, Principled	<b>Planner 4 Feb-Mar</b> <u>TI:</u> An inquiry into the diversity of voice, perspectives, and expression through: intentions, perceptions, interpretations, and responses  <u>Central Idea:</u> Values and beliefs shape actions when facing conflict  <u>Specified Concepts:</u> Responsibility, Perspective, Causation  <u>Lines of Inquiry:</u> Causation: Interdependent relations support growth and survival  Perspective: Roles and experiences define point of view  Responsibility: Compromise and empathy can lead to better outcomes  <u>ATLs:</u> Social, Research, Communication  <u>LP:</u> Balanced, Risk-takers, Principled	<b>Planner 2 Oct-Nov</b> <u>TI:</u> An inquiry into the understandings of the world and phenomena through: discovery, design, innovation, possibilities, and impacts  <u>Central Idea:</u> Relationships influence and shape patterns over time  <u>Specified Concepts:</u> Connection, Form, Causation  <u>Lines of Inquiry:</u> Form: Structures create order  Change: Conditions determine impact (will bridge into planner 3)  Causation: Interaction decides balance  <u>ATLs:</u> Thinking, Research, Self-management  <u>LP:</u> Knowledgeable, Open-minded, Inquirers	<b>Planner 3 Dec-Jan</b> <u>TI:</u> An inquiry into systems, structures, and networks through: interactions with and between social and ecological systems  <u>Central Idea:</u> Conflict can drive formation and adaptation  <u>Specified Concepts:</u> Function, Perspective, Change  <u>Lines of Inquiry:</u> Function: Systems provide structure, order and resources  Change: Organization demonstrates resilience and adaptability in the face of challenges  Perspective: Diverse parts and processes work together to sustain the whole  <u>ATLs:</u> Thinking, Social, Research  <u>LP:</u> Balanced, Risk-takers	<b>Planner 5 Mar-Apr</b> <u>TI:</u> An inquiry into the interdependence of human and natural worlds through: pathways to just, peaceful, and reimagined futures  <u>Central Idea:</u> Interdependence can lead to survival  <u>Specified Concepts:</u> Responsibility, Form, Function  <u>Lines of Inquiry:</u> Form: Environments are defined by characteristics  Function: Resilience and resistance cultivates change  Responsibility: Sustainable actions restore community  <u>ATLs:</u> Thinking, Social, Self-management  <u>LP:</u> Knowledgeable, Inquirers, Caring

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5 <sup>th</sup>	<b>Planner 5 PBL-Mid May to the EOY</b> <u>TT:</u> An inquiry into the diversity of voice, perspectives, and expression through: representation, collaboration, and decision-making  <u>Central Idea:</u> Innovation and sharing of ideas connect people and impact the world  <u>Specified Concepts:</u> Form, Connection, Perspective  <u>Lines of Inquiry:</u> Form: Passion and curiosity develop ideas to explore  Connection: Sharing our thinking creates collaboration  Perspective: Differing viewpoints challenge us and produce growth  <u>ATLs:</u> Thinking, Social, Communication  <u>LP:</u> Thinkers, Risk-takers	<b>Planner 1-1<sup>st</sup> Quarter</b> <u>TT:</u> An inquiry into histories and orientation in place, space, and time through: natural and human drivers of movement, adaptation, and transformation  <u>Central Idea:</u> The interplay of energy, movement, data, and matter shapes our world  <u>Specified Concepts:</u> Form, Function, Change  <u>Lines of Inquiry:</u> Form: Patterns and categories interpret and communicate complex information  Function: Purpose and systems bring order to our world  Change: Knowledge and structure of systems adapt to situations over time  <u>ATLs:</u> Thinking, Communication, Self-management  <u>LP:</u> Knowledgeable, Principled	<b>Planner 2-Quarter 2</b> <u>TT:</u> An inquiry into the diversity of voice, perspectives, and expression through: intentions, perceptions, interpretations, and responses  <u>Central Idea:</u> Structure supports relationships and discovery  <u>Specified Concepts:</u> Connection, Change, Causation, Perspective  <u>Lines of Inquiry:</u> Connection: Communication and interaction create relationships  Causation: Context, position, and patterns influence outcomes  Perspective: Similarities and differences generate discourse and innovation  <u>ATLs:</u> Thinking, Communication, Social  <u>LP:</u> Communicators, Open-minded, Thinkers	<b>Planner 3-Quarter 3</b> <u>TT:</u> An inquiry into the understandings of the world and phenomena through: discovery, design, innovation, possibilities, and impacts  <u>Central Idea:</u> Curiosity and investigation expand understanding and uncover phenomena  <u>Specified Concepts:</u> Form, Connection, Causation, Perspective (tie over from 2)  <u>Lines of Inquiry:</u> Form: Properties and resources shape identity  Connection: Relationships advance understanding of order  Causation: Factors and patterns justify systems  <u>ATLs:</u> Thinking, Self-management, Research  <u>LP:</u> Thinkers, Inquirers, Risk-takers	<b>Planner 4-Quarter 4</b> <u>TT:</u> An inquiry into systems, structures, and networks through: representation, collaboration, and decision making  <u>Central Idea:</u> Choices impact sustainability  <u>Specified Concepts:</u> Connection, Causation, Responsibility  <u>Lines of Inquiry:</u> Connection: Interrelationships foster understanding and collaboration.  Causation: Changing conditions call for action  Responsibility: Actions and efforts cultivate ownership  <u>ATLs:</u> Thinking, Communication  <u>LP:</u> Caring, Reflective, Balanced	<b>Planner 6-Ongoing October to Exhibition</b> <u>TT:</u> An inquiry into the interdependence of human and natural worlds thorough: pathways to just, peaceful, and reimagined futures  <u>Central Idea:</u> Interconnected actions impact the world, and we have an obligation to create a positive difference.  <u>Specified Concepts:</u> Connection, Change, Responsibility  <u>Lines of Inquiry:</u> Connection: Explore and investigate how our world is interconnected  Change: Causes and effects shape our lives and the environment  Responsibility: Positive roles and citizenship create responsible global citizens  <u>ATLs:</u> Research, Communication, Self-management  <u>LP:</u> Inquirers, Communicators