

ST. JAMES C.G.L.C. IB-PYP PROGRAMME OF INQUIRY

Grade	WHO WE ARE	WHERE WE ARE IN PLACE AND TIME	HOW THE WORLD WORKS	HOW WE ORGANIZE OURSELVES	HOW WE EXPRESS OURSELVES
	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>	<i>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.</i>
FDK Year 1 (3 – 6 yrs)	<p style="text-align: center;">Central Idea: We play to express feelings and ideas in order to come to new understandings</p> <p>Key Concepts: -Function -Connection -Perspective</p> <p>Related Concepts: -Relationships - nature play - well-being</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - Ways we discover and develop our interests - How we learn about others through play - Promoting positive feelings through play 	<p style="text-align: center;">Central Idea: Journeys create change and lead to new opportunities</p> <p>Key Concepts: -Form -Connection</p> <p>Related Concepts: - geography - exploration and discovery</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - Types of journeys people make - Choices and decisions involved in making a journey - Changes experienced because of a journey 	<p style="text-align: center;">Central Idea: Space is filled with mysterious wonders</p> <p>Key Concepts: -Form -Connection</p> <p>Related Concepts: -astronomy - technology</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - The origin of space - Systems of the universe - Exploration of space 	<p style="text-align: center;">Central Idea: Transportation provides a way for people and things to move from one location to another</p> <p>Key Concepts: -Function -Connection</p> <p>Related Concepts: -Travel - Systems that transport</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - The different forms of transportation around the world - The purpose of the different forms of transportation - Rules of the road and why they are important to follow 	<p style="text-align: center;">Central Idea: Stories are expressions of who we are and the world around us.</p> <p>Key Concepts: -Form -Perspective</p> <p>Related Concepts: - oral storytelling/literacy - Fairytales</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - What we can learn from stories - My favourite stories - How we can retell stories - IB attitudes expressed through literature
FDK Year 2 (3 – 6 yrs)	<p style="text-align: center;">Central Idea: Unique characteristics and abilities form people’s identities</p> <p>Key Concepts: -Connection -Perspective</p> <p>Related Concepts: -Relationships - Empathy - Collaboration - problem-solving</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - Similarities and differences amongst friends - Ways of making and keeping friends - Characteristics that make people unique and special - Respecting the uniqueness of others 	<p style="text-align: center;">Central Idea: People grow and change over time.</p> <p>Key Concepts: -Function -Form - Change</p> <p>Related Concepts: -Biology - Growth Mindset</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - How bodies grow and change - How the five senses help people learn - How abilities grow and change - How feelings grow and change 	<p style="text-align: center;">Central Idea: Animals adapt to their environmental throughout the seasons</p> <p>Key Concepts: -Form -Change -Causation</p> <p>Related Concepts: -Relationships - nature play - well-being</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - How seasons affect living things and their environment - Different kinds of habitats - The ways animals adapt to seasonal changes 	<p style="text-align: center;">Central Idea: Patterns can be seen all around us.</p> <p>Key Concepts: -Function -Form -Change</p> <p>Related Concepts: - time - nature patterns</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - What makes a pattern - Different kinds of patterns - The effect of patterns on our lives 	<p style="text-align: center;">Central Idea: Creativity can be expressed through colour</p> <p>Key Concepts: -Function -Perspective</p> <p>Related Concepts: - TBD</p> <p style="text-align: center;">Lines of Inquiry</p> <ul style="list-style-type: none"> - How colour is used to express feelings - How colours are made - The impact of colour on how we see the world.

<p>Grade 1 (6 - 7 yrs)</p>	<p>Central Idea: Learners apply their unique understandings and grow by facing challenges and taking actions</p> <p>Key Concepts: -Perspective -Change</p> <p>Related Concepts: -Self Advocacy -Participation -Growth Mindset</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Everyone experiences the world differently - Seeing oneself as an IB Learner - Challenges are an opportunity for growth - Multiple forms of actions (group participation, social justice, advocacy) 	<p>Central Idea: The roles of individuals shape a community</p> <p>Key Concepts: -Form -Responsibility -Connection</p> <p>Related Concepts: -Community</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Roles and responsibilities change over time - Roles and responsibilities develop identity - TBD 	<p>Central Idea: Changes in daily and seasonal cycles affect living things</p> <p>Key Concepts: -Causation -Change -Connection</p> <p>Related Concepts: - habitats -patterns - environment</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - To be co-created with the students 	<p>Central Idea: Structures and community influence each other</p> <p>Key Concepts: -Function -Connection</p> <p>Related Concepts: -Structures</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Different types of materials are used to build structures - Structures are built for a specific purpose - Community services meet the needs of people who live and work there - Communities provide for our social and physical needs - Signs and symbols in the community 	<p>Central Idea: The natural world inspires artists to create and share ideas</p> <p>Key Concepts: -Perspective -Connection -Form</p> <p>Related Concepts: -Art -Expression -Natural World</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Through art forms we express ideas and feelings - Through art we have a deeper understanding of the natural world
<p>Grade 2 (7 - 8 yrs)</p>	<p>Central Idea: Every person is unique and shares a common human nature with each other.</p> <p>Key Concepts: -Connection -Change</p> <p>Related Concepts: -Relationships - Uniqueness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Appreciation of our gifts of others - Acknowledge our feelings and understanding others' feelings - Bonds of family and friendship are central to human life and shape human identity and development 	<p>Central Idea: Cultures are made of a group's beliefs and traditions.</p> <p>Key Concepts: -Function -Perspective -Change</p> <p>Related Concepts: -Traditions -Celebrations -Cultures</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Celebrations and traditions within cultures - The contribution of cultures to the community - How traditions are developed and passed on 	<p>Central Idea: Simple machines and mechanisms make life easier for humans</p> <p>Key Concepts: -Connection -Causation -Function</p> <p>Related Concepts: -Simple Machines -Structures</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Machines are made up of more than one mechanism - Inquiry into inventions of the past - The use of simple machines in past civilizations 	<p>Central Idea: The world is made up of many different regions that have distinct characteristics which affect how people in that region live</p> <p>Key Concepts: -Function -Perspective -Change</p> <p>Related Concepts: -Regions -Impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - How people around the world meet their needs - People use their regions' resources in order to meet their needs - The impact of physical features and climate on the ways people live 	<p>Central Idea: Fairy tales allow for an understanding about people and their ways of life</p> <p>Key Concepts: -Form -Connection -Perspective</p> <p>Related Concepts: -Literacy -Reflection</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Why we tell fairy tales - Fairy tales from around the world - Fairy tales have a set structure - Similarities and differences between fairy tales
<p>Grade 3 (8 – 9 yrs)</p>	<p>Central Idea: Interests, experiences and family connections shape/impact who we are</p> <p>Key Concepts: -Connection -Responsibility -Perspective</p> <p>Related Concepts: -Interests -Relationships</p> <p>Lines of Inquiry</p>	<p>Central Idea: Early settlers and past communities have shaped our society today</p> <p>Key Concepts: -Change -Perspective -Responsibility</p> <p>Related Concepts: -History Global Awareness</p> <p>Lines of Inquiry</p>	<p>Central Idea: Forces causing and changing movement can have an impact on humans and the natural environment</p> <p>Key Concepts: -Form -Causation -Connection</p> <p>Related Concepts: -impact -Cause and Effect -Environmental</p> <p>Lines of Inquiry</p>	<p>Central Idea: Landform regions impact the development of communities</p> <p>Key Concepts: -Change -Responsibility</p> <p>Related Concepts: --Community -Environmental</p> <p>Lines of Inquiry</p>	<p>Central Idea: The arts provides opportunities for expression, communication, reflection and creativity</p> <p>Key Concepts: -Form -Perspective</p> <p>Related Concepts: -Arts</p> <p>Lines of Inquiry</p>

	<ul style="list-style-type: none"> - Activities we explore expand our interests 	<ul style="list-style-type: none"> - Early settlers use the earth to create communities - Early Settlers worked in partnership with Indigenous people - Compare and contrasts lifestyles then and now - Outline challenges faces by migratory patterns. 	<ul style="list-style-type: none"> - Forces in nature impact humans and the environment - Types of forces that cause movement - Using force to work and manipulate objects 	<ul style="list-style-type: none"> - Distinguishing features of urban and rural communities - Relationships between communities and natural environments - A variety of social and environmental issues - Compare and contrast how human interactions and needs are met in urban and rural communities 	<ul style="list-style-type: none"> - L of I's to be co-constructed with the students
Grade 4 (10 - 11 yrs)	<p>Central Idea: Understanding strengths and weaknesses encourage personal growth</p> <p>Key Concepts: -Form -Perspective</p> <p>Related Concepts: -Personal Growth -Goal Setting -Diversity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Setting goals help build strong successful foundation to our learning - Acknowledging our weakness will help us improve our learning - Accepting one another for our differences promotes acceptance and diversity 	<p>Central Idea: Events of an era can shape features of a society</p> <p>Key Concepts: -Change -Connection -Perspective</p> <p>Related Concepts: -Ancient Civilizations -Simple Machines -Impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - The interrelationship between ancient civilizations and their environment - How various human, physical and social needs were met - How modern societies have been influenced by ancient civilizations - Pulley and gears have an impact on society 	<p>Central Idea: Habitats and communities support the basic needs of living things</p> <p>Key Concepts: -Connection -Function</p> <p>Related Concepts: -Survival -Conservation -Interrelationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Factors affecting habitats and communities of plants and animals - Interrelationships of living things within a specific habitat - Plants and animals within a specific habitat 	<p>Central Idea: Each country is unique in terms of its physical characteristics and natural resources</p> <p>Key Concepts: -Perspective -Function</p> <p>Related Concepts: -Natural Resources -</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Natural resources and how to get them - Interdependence between living things and their environment (natural and human impacts) - Ways in which industrial development and the natural environment affect each other 	<p>Central Idea: Light and sound are used as a means to express a culture's heritage and traditions around the world</p> <p>Key Concepts: -Responsibility -Perspective -Function</p> <p>Related Concepts: -Traditions -Cultures -Expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Light is used as a means of expression - How light is used around the world to impact personal safety and society - Light and sound impact artistic expression
Grade 5 (11 - 12 yrs)	<p>Central Idea: Choices we make and our behaviours affect our organ systems and, in turn, our overall health</p> <p>Key Concepts: -Change -Responsibility -Function</p> <p>Related Concepts: -Healthy Living</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Various systems in the body and how they interact - Our responsibility to make good choices to maintain healthy body systems - How medicine and technology work to help keep us healthy - How disease and illness can impact the body 	<p>Central Idea: Cooperation and conflict are inherent aspects of human interactions and relationships</p> <p>Key Concepts: -Causation -Change -Perspective</p> <p>Related Concepts: -Relationships</p> <p>PYP EXHIBITION</p>	<p>Central Idea: Science and technology shapes society and the environment</p> <p>Key Concepts: -Function -Change -Causation</p> <p>Related Concepts: -Structures -Impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Structures and mechanisms throughout our environment - Forces that act on structures and mechanisms - Natural forces have an effect on society and the environment - How people in present time work less due to technological developments 	<p>Central Idea: There are many forms of government that attempt to structure a society</p> <p>Key Concepts: -Form -Function -Connection</p> <p>Related Concepts: -Government</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - The purpose and creation of gov't - The characteristics of different systems of government - The connections between Canada's three levels of government - The electoral process 	<p>Central Idea: Understanding that cultural diversity can be expressed through the arts</p> <p>Key Concepts: -Perspective -Form</p> <p>Related Concepts: -Diversity -Expression -Relationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> - Relationships between French and the First Nations - Cooperation and conflict are inherent aspects of human interactions/relationships - Different perspectives of various communities

