



Shirakatsy Lyceum Primary School
PROGRAMME OF INQUIRY
2020-2021 academic year

Theme	WHO WE ARE	WHERE WE ARE IN PLACE AND TIME	HOW WE EXPRESS OURSELVES	HOW THE WORLD WORKS	HOW WE ORGANISE OURSELVES	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 of famous people and families; journeys and discoveries, explorations and migrations of humankind; the relationships and the interconnectedness among 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.

3-4 years-old	<p>Central idea Children grow up and change day by day.</p> <p>Key concepts Function, change, form</p> <p>Related concepts Growth, Self-recognition</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • My physical self • I am able to do more as I grow up • Things that I like <p>ATL Thinking, Research</p> <p>IB Learner Profile Reflective, open-minded</p> <p>Subject Areas Language, Social Studies, PSPE</p>		<p>Central idea Colors and sounds allow us to imagine</p> <p>Key concepts Connection, perspective</p> <p>Related concepts Imagination, expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Colors that surround us • We express ourselves through colors • Sounds create mood <p>ATL Research, communication</p> <p>IB Learner Profile Risk-taker, communicator</p> <p>Subject Areas Language, arts, maths</p>	<p>Central idea Animals need conditions for living</p> <p>Key concepts Form, causation, change</p> <p>Related concepts Impact, growth</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Features of animals • Animals needs for survival <p>ATL Thinking, research, communication</p> <p>IB Learner Profile Thinker, inquirer</p> <p>Subject Areas Language, science</p>	<p>Central idea The environment suggests how to behave</p> <p>Key concepts Responsibility, causation</p> <p>Related concepts Independence, behaviour</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Rules of etiquette; • We follow rules in every place • Rules in my group/class <p>ATL Self management, social</p> <p>IB Learner Profile Balanced, principled, caring</p> <p>Subject Areas Language, social studies</p>	
Duration	<p><i>I</i></p> <p><i>15.09-13.11.2020</i></p> <p><i>8 weeks</i></p>		<p><i>II</i></p> <p><i>16.11-22.01.2021</i></p> <p><i>8 weeks</i></p>	<p><i>IV</i></p> <p><i>16.03-22.05.2021</i></p> <p><i>8 weeks</i></p>	<p><i>III</i></p> <p><i>25.01-19.03.2021</i></p> <p><i>8 weeks</i></p>	

4-5 years old	<p>Central idea Family is a part of our life</p> <p>Key concepts Function, form</p> <p>Related concepts Role, interconnection</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Families are different • Each member of a family has a role. • My family in my eyes. <p>ATL Thinking, communication</p> <p>IB Learner Profile Caring, open-minded</p> <p>Subject Areas Language, mathematics, social studies</p>	<p>Central idea People choose clothes for different environments</p> <p>Key concepts Connection, causation</p> <p>Related concepts Choice, convenience</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Change of clothes depends on the season. • Change of clothes depends on the place of residence. • Choice of clothes for different events and professions. <p>ATL Thinking, self management</p> <p>IB Learner Profile Thinker, principled, reflective</p> <p>Subject Areas Language, science, social studies</p>	<p>Central idea Play is a way to relax, have fun and learn.</p> <p>Key concepts Function, perspective</p> <p>Related concepts Activity, impact</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • We use toys to play. • Games lead to communication, cooperation and competition. • We can create games using materials we have. <p>ATL Communication, social, self management</p> <p>IB Learner Profile Communicative, open-minded, risk-taker</p> <p>Subject Areas Language, social studies, arts, and PSPE</p>		<p>Central idea Daily habits and our action affect our health.</p> <p>Key concepts Causation, responsibility</p> <p>Related concepts Schedule, hygiene, diet</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • We choose our daily habits and actions (hygiene, sleep, game, food). • The balance of choices • Choice has its consequences. <p>ATL Self management, thinking</p> <p>IB Learner Profile Balanced, reflective, principled</p> <p>Subject Areas Language, mathematics, science, PSPE</p>	<p>Central idea Plants are source of life and beauty.</p> <p>Key concepts Connection, responsibility, form</p> <p>Related concepts Duty, initiative</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Each plant is unique. • The plants play important role in our life. • We take care of plants. <p>ATL Research, thinking</p> <p>IB Learner Profile Knowledgeable, inquirer, caring</p> <p>Subject Areas Language, mathematics, science, social studies</p>
	Duration	<p><i>I</i> 15.09-30.10.2020 7 weeks</p>	<p><i>IV</i> 01.03-23.04.2021 7 weeks</p>	<p><i>II</i> 09.11-25.12.2020 7 weeks</p>		<p><i>III</i> 11.01-26.02.2021 7 weeks</p>

5-6 years old	<p>Central idea The senses help to understand the world</p> <p>Key concepts Function, connection</p> <p>Related concepts System, sense</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Our senses and their functions: • Care for eyes, ears, mouth, skin, and nose • Understanding of the world <p>ATL Research, self management, thinking</p> <p>IB Learner Profile Inquirer, balanced</p> <p>Subject Areas Language, mathematics,</p>		<p>Central idea Thoughts and feelings can be expressed through drama</p> <p>Key concepts Form, change</p> <p>Related concepts Creativity, feelings, means of expression</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Basic elements of drama. • Script • We express feelings and thoughts of characters through playing roles <p>ATL Social, communication</p> <p>IB Learner Profile Risk-taker, open-minded, communicator</p> <p>Subject Areas Language, social studies, arts</p>	<p>Central idea Living things adapt to the changes of nature.</p> <p>Key concepts Change, connection, causation</p> <p>Related concepts Phases, adaptation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Living and non-living things • Seasons. • Living things adapt to seasons. <p>ATL Thinking, research</p> <p>IB Learner Profile Inquirer, knowledgeable, reflective</p> <p>Subject Areas Language, mathematics,</p>	<p>Central idea Working in a team helps us to reach shared goals.</p> <p>Key concepts Responsibility, perspective</p> <p>Related concepts Collaboration, support, self-reflection</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What is a team? Examples. • Teamwork specifics • Responsibilities of members within a team <p>ATL Communication, self management, social</p> <p>IB Learner Profile Caring, risk-taker, principled, balanced</p> <p>Subject Areas Social studies, arts, PSPE</p>	<p>Central idea Humans and domestic animals impact on the life of each other.</p> <p>Key concepts Responsibility, causation</p> <p>Related concepts Conditions, interconnectedness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Features of domestic animals • People and domestic animals coexist • People are responsible for domestic animals <p>ATL Thinking, research, communication</p> <p>IB Learner Profile Thinker, caring, inquirer</p> <p>Subject Areas Language, science</p>
	Duration	<p><i>I</i></p> <p><i>15.09-23.10.2020</i></p> <p><i>6 weeks</i></p>		<p><i>V</i></p> <p><i>19.04-28.05.2021</i></p> <p><i>6 weeks</i></p>	<p><i>II</i></p> <p><i>26.10.-18.12.2020</i></p> <p><i>7 weeks</i></p>	<p><i>III</i></p> <p><i>21.12-19.02.2021</i></p> <p><i>7 weeks</i></p>

6-7 years old, 1-st grade	<p>Central idea We build relationships in school.</p> <p>Key concepts Connection, responsibility</p> <p>Related concepts Friendship, rules, relationships</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • What makes a good friend • What does it mean to be a school student • My responsibilities as a student <p>ATL Self management, social</p> <p>IB Learner Profile Communicator, open-minded</p> <p>Subject Areas Language, social studies, arts</p>	<p>Central idea Houses are featured by place and people</p> <p>Key concepts Form, causation</p> <p>Related concepts Convenience, safety</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Commonalities and differences of houses/places • Environment, places and houses • Humans and design of houses <p>ATL Research, thinking</p> <p>IB Learner Profile Knowledgeable, inquirer</p> <p>Subject Areas Language, science, social studies, arts</p>	<p>Central idea Fairy tales are a way of expression</p> <p>Key concepts Perspective, change</p> <p>Related concepts Imagination, self-reflection</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Fairytales express feeling and thoughts • Fairytales brighten our imagination. • We learn from fairytales <p>ATL Communication, thinking</p> <p>IB Learner Profile Risk-taker, thinker, reflective</p> <p>Subject Areas Language, arts</p>	<p>Central idea Light and shadow help to understand the world.</p> <p>Key concepts Function, change, connection</p> <p>Related concepts Opportunity, exploration</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Sources of light • Shadows and how they are created • Light and nature <p>ATL Research, communication</p> <p>IB Learner Profile Inquirer, knowledgeable, communicator</p> <p>Subject Areas Language, science, social studies</p>	<p>Central idea The operation of the transport system makes our lives easy.</p> <p>Key concepts Function, connection, form</p> <p>Related concepts System, chain, safety, responsibility</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Transportation system of our school • Types of transportation • We as passengers <p>ATL Self management, communication</p> <p>IB Learner Profile Balanced, principled</p> <p>Subject Areas Language, mathematics, PSPE</p>	<p>Central idea Humans and the nature influence on each other.</p> <p>Key concepts Connection, form, responsibility</p> <p>Related concepts Change, nature</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • I am a part of the nature • Our actions have impact on nature • My responsibilities to protect nature <p>ATL Social, research</p> <p>IB Learner Profile Caring, principled</p> <p>Subject Areas Language, science</p>
	Duration	<p><i>I</i></p> <p><i>15.09-16.10.2020</i></p> <p><i>5 weeks</i></p>	<p><i>II</i></p> <p><i>19.10-27.11.2020</i></p> <p><i>5 weeks</i></p>	<p><i>V</i></p> <p><i>22.02-09.04.21</i></p> <p><i>5 weeks</i></p>	<p><i>IV</i></p> <p><i>18.01-19.02.2021</i></p> <p><i>5 weeks</i></p>	<p><i>III</i></p> <p><i>30.11-25.12.20</i></p> <p><i>4 weeks</i></p>

7-8 years old, 2nd grade	<p>Central idea Many factors affect relationships between people</p> <p>Key concepts Perspective, causation, form</p> <p>Related concepts Respect, communication, responsibility</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Human beings have similarities and differences, which influence their relationships • There are different ways to solve conflicts <p>ATL Thinking, social</p> <p>IB Learner Profile Open-minded, communicator</p> <p>Subject Areas Languages, PSPE</p>	<p>Central idea The environment shapes a citizen.</p> <p>Key concepts Responsibility, perspective, causation</p> <p>Related concepts Development, architecture, responsibility, citizenship</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Environments and places people live in have similarities and differences • The place I live in • People have rights and responsibilities as citizens <p>ATL Research, self management</p> <p>IB Learner Profile Knowledgeable, principled, inquirer</p> <p>Subject Areas Language, mathematics, arts,</p>	<p>Central idea Signs and symbols are a means of communication.</p> <p>Key concepts Connection, function, change</p> <p>Related concepts Culture, communication, media, symbol</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Signs and symbols • The importance of the signs and symbols • The role of the signs and symbols in local and global communication <p>ATL Thinking, communication</p> <p>IB Learner Profile communicator, inquirer, open-minded</p> <p>Subject Areas Language, science, arts</p>	<p>Central idea Natural and artificial materials are vital for humans.</p> <p>Key concepts Function, change, responsibility</p> <p>Related concepts Type, saving, recycling</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Nature grants different types of materials • The materials can be processed and changed • People use materials for different purpose <p>ATL Research, thinking</p> <p>IB Learner Profile thinker, reflective, caring</p> <p>Subject Areas Mathematics, science, arts</p>	<p>Central idea Human lives improve through hard work</p> <p>Key concepts Function, connection, change</p> <p>Related concepts Roles and responsibilities, creativity</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Hard work creates products • Products of hard work improve human lives • Professions help to do specific work <p>ATL Social, thinking</p> <p>IB Learner Profile risk-taker, balanced, reflective</p> <p>Subject Areas Language, social studies</p>	<p>Central idea Natural ecosystems' components are inseparable</p> <p>Key concepts Causation, change, connection</p> <p>Related concepts Environment, needs, responsibilities, interconnectedness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Natural ecosystems • Causes of change of ecosystems • Forests, rivers and lakes as ecosystems <p>ATL Self management, thinking</p> <p>IB Learner Profile Caring, balances, thinker</p> <p>Subject Areas Language, science, and PSPE</p>	
	Duration	<p><i>I</i> 15.09 – 16.10.20</p> <p><i>5 weeks</i></p>	<p><i>II</i> 19.10 – 27.11.20</p> <p><i>5 weeks</i></p>	<p><i>VI</i> 5.04-14.05.21</p> <p><i>6 weeks</i></p>	<p><i>III</i> 30.11 – 25.12.20</p> <p><i>4 weeks</i></p>	<p><i>IV</i> 11.01 – 19.02.21</p> <p><i>6weeks</i></p>	<p><i>V</i> 22.02– 26.03.21</p> <p><i>5 weeks</i></p>

8-9 years old, 3rd grade	<p>Central idea Lifestyle and health are interrelated</p> <p>Key concepts Function, causation, responsibility</p> <p>Related concepts System, consistency, choice</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Human body is a system. • Factors affecting health • Our health is in our hands <p>ATL Self management, research</p> <p>IB Learner Profile Principled, balanced, knowledgeable</p> <p>Subject Areas Arts, languages, Maths, PSPE, Science</p>	<p>Central idea Children can build traditions together</p> <p>Key concepts Form, connection, perspective</p> <p>Related concepts Initiative, leadership, collaboration</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • The interests of children • The rights of children • Shared goals and cooperation • Actions to achieve shared goals <p>ATL Social, communication</p> <p>IB Learner Profile Open-minded, communicator, reflective</p> <p>Subject Areas Arts, Languages, PSPE, science</p>	<p>Central idea People express themselves through arts</p> <p>Key concepts Form, causation, perspective</p> <p>Related concepts Values, styles, interpretation</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Purpose for self-expression • Self-expression through literature, dance, music, visual arts • Self-expression and individual preferences <p>ATL Research, communication</p> <p>IB Learner Profile Open-minded, communicator, risk-taker</p> <p>Subject Areas Language, arts, and PSPE</p>	<p>Central idea Changes of the Solar System affect the Earth</p> <p>Key concepts Connection, change, function</p> <p>Related concepts System, phase, interconnectedness</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Solar System as part of Galaxy • The Earth in Solar System • Factors affecting the Earth <p>ATL Research, thinking</p> <p>IB Learner Profile Inquirer, reflective, knowledgeable</p> <p>Subject Areas Language, mathematics, science, PSPE</p>	<p>Central idea International organizations contribute to the solution of the existing problems in the</p> <p>Key concepts Change, function, responsibility</p> <p>Related concepts Organization, goal, project, product</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • International organizations in Armenia • Cooperation of Armenian government and international organizations • Impact made by international organizations on communities <p>ATL Social, communication</p> <p>IB Learner Profile Communicator, thinker, principled</p> <p>Subject Areas Language, mathematics, science, PSPE</p>	<p>Central idea Access to water affects human life</p> <p>Key concepts Causation, change, responsibility</p> <p>Related concepts Saving, resource, needs</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Water resources and accessibility • Use of water • Our responsibilities to save water <p>ATL Self management, thinking</p> <p>IB Learner Profile Caring, principled</p> <p>Subject Areas Language, math, science, arts, and PSPE</p>
	Duration	<p><i>I</i> <i>15.09 – 16.10.20</i> <i>6 weeks</i></p>	<p><i>IV</i> <i>08.01 – 12.02.21</i> <i>5 weeks</i></p>	<p><i>II</i> <i>19.10 – 27.11.20</i> <i>5 weeks</i></p>	<p><i>VI</i> <i>05.04 – 14.05.21</i> <i>6 weeks</i></p>	<p><i>V</i> <i>15.02 – 26.03.21</i> <i>6 weeks</i></p>

9-10 years old 4th grade	<p>Central idea Traditions have impact on individuals.</p> <p>Key concepts Responsibility, form, connection</p> <p>Related concepts Diversity, traditions</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • An individual's story begins with the ancestors of his/her family. • Different generations in the same family have common and different features. • Role of individuals in keeping traditions and history <p>ATL Research, social</p> <p>IB Learner Profile Caring, balanced</p> <p>Subject Areas Arts, Languages</p>	<p>Central idea Exploration and inquiry lead to discovery</p> <p>Key concepts Causation, change, function</p> <p>Related concepts Discovery, creativity, technologies</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Explorations can have different purposes • Inquiry process • Role of explorations in our lives <p>ATL Research, thinking</p> <p>IB Learner Profile Inquirer, reflective, thinker</p> <p>Subject Areas Science, Languages, Math, Arts</p>	<p>PYP Exhibition</p> <p>Central idea Key concepts Lines of Inquiry ATI.</p> <p>Developed per students' interests</p>	<p>Central idea Media provides access to information in the world.</p> <p>Key concepts Connection, function, perspective</p> <p>Related concepts Media, system</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Transfer of information through media • Ways of transferring information • Role of Media Literacy in schools <p>ATL Self management, communication, social</p> <p>IB Learner Profile Communicator, knowledgeable,</p> <p>Subject Areas Social Studies, Arts</p>	<p>Central idea Humans have a role in supply-demand-consumption cycle</p> <p>Key concepts Function, causation, responsibility</p> <p>Related concepts Supply, demand, consumption</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Trade and how it is organized: • Evolution of monetary systems over time • Our choices for shopping <p>ATL Self management, social</p> <p>IB Learner Profile Knowledgeable, risk-taker</p> <p>Subject Areas Math, Social Studies</p>	<p>Central idea Saving and waste of natural resources depends on humans actions</p> <p>Key concepts Responsibility, causation, form</p> <p>Related concepts Life style, resources, choice</p> <p>Lines of Inquiry</p> <ul style="list-style-type: none"> • Resources on The Earth are limited • Use of natural resources • Recycling and saving have a big role in preserving our planet <p>ATL Research, thinking</p> <p>IB Learner Profile Caring, balanced, principled</p> <p>Subject Areas Science, Languages</p>
	Duration	<p><i>I</i> 15.09-16.10.20 5 weeks</p>	<p><i>III</i> 30.11-22.01.21 6 weeks</p>	<p><i>VI</i> 22.03-21.05.21 8 weeks</p>	<p><i>V</i> 22.02-19.03.21 4 weeks</p>	<p><i>IV</i> 25.01-19.02.21 4 weeks</p>