

## PYP Programme of Inquiry for grades 1–4 Miina Härma Gümnaasium



	CHNAASIN	Milna Harma Gumnaasium					
	Who we are	Where we are in time and place	How we express ourselves	How the world works	How we organise ourselves	Sharing the planet	
	An inquiry into identity as individuals and as part of a collective:  · relationships and belonging · learning and growing	An inquiry into histories and orientation in place, space and time:  · periods, events and artefacts	An inquiry into the diversity of voice, perspectives, and expression: · inspiration, imagination, creativity	An inquiry into understandings of the world and phenomena:  · patterns, cycles, systems	An inquiry into systems, structures and networks: · representation, collaboration and decision-making	An inquiry into the interdependence of human and natural worlds: • rights, responsibilities and dignity of all	
Grade 1	Central Idea: The capability to behave gives me advantages in different situations. Inquiry into -the ways how people are different -how are people connected -how do we act in different situations Key concepts: connections, responsibility, perspective Related concepts Choices, behaviour, differences Learner profile: Communicator, open-minded, thinker Approaches to learning (ATL): self-management and social skills	Central Idea: Knowing my personal history enables me to find out who I am. Inquiry into -growing up is my history -families can be different and alike -family trees represent family history Key concepts: connections, change Related concepts System, family, self-awareness Learner profile: Knowledgeable, open-minded, communicator Approaches to learning (ATL): Thinking, communication and research skills	Central Idea: People use their imagination and creativity to express their ideas and emotions. Inquiry into -feelings, their essence and expressing them -positive and negative feelings and noticing them -different forms of art, artists, writers Key concepts: reflection, form, perspective Related concepts Self-expression, culture, tolerance Learner profile: Open-minded, risk-taker, knowledgeable Approaches to learning (ATL): Research, communication and	Central Idea: Natural cycles happen according to a specific rhythm. Inquiry into -the differences and similarities of natural cycles and life-cycles -the life cycle of a butterfly, a bird, a bug and a plant -the cycle of day and night and seasons -how natural cycles affect humans Key concepts: causation, connection, change Related concepts: System, influence Learner profile: Communicator, open-minded, thinker Approaches to learning (ATL): self-management and social skills	Central Idea: People work together in order to create services that we all need Inquiry into -necessary jobs around us -the connections between occupations -the jobs that are needed for the school to operate Key concepts: responsibility, form, function Related concepts Choices, network, role Learner profile: Caring, thinker, communicator Approaches to learning (ATL): Thinking, self-management and communication skills	Central Idea: People take responsibility for the sustainability of forest and its biodiversity. Inquiry into -what makes a forest -the importance of forests The changes happening for animal and plants due to seasons Key concepts: responsibility, form, change Related concepts System, ecological footprint Learner profile: Inquirer, thinker, knowledgeable Approaches to learning (ATL): Research and communication skills	
	Who we are	Where we are in time and place	self-management skills <b>How we express ourselves</b>	How the world works	How we organise ourselves	Sharing the planet	
	An inquiry into identity as individuals and as part of a collective:  · relationships and belonging · learning and growing	An inquiry into histories and orientation in place, space and time:     communities, heritage, culture and environment     natural and human drivers of movement, adaptation, and transformation	An inquiry into the diversity of voice, perspectives, and expression:  • personal, social and cultural modes and practices of communication	An inquiry into understandings of the world and phenomena:     diverse practices, methods and tools     discovery, design, innovation:     possibilities and impacts	An inquiry into systems, structures and networks:  · interactions within and between social and ecological systems	An inquiry into the interdependence of human and natural worlds:  · pathways to just, peaceful and reimagined futures  · nature, complexity, coexistence and wisdom	
Grade 2	Central Idea: We have rights and responsibilities that provide for out well-being. Inquiry into -the importance of rights and responsibilities -my personal role in achieving group well-being and working - using right attitudes helps us to achieve learner profile attributes Key concepts: Causation, connection, responsibility Related concepts Values, perception Learner profile: Principled, caring, open-minded Approaches to learning (ATL): Self-management and thinking skills	Central Idea: The homes of people depend on their needs, possibilities and way of life. Inquiry into -what makes a home -how people choose their homes based on their needs and way of life -reasons why people change their place of living Key concepts: causation, perspective, connection Related concepts Change Learner profile: Open-minded, risk-taker, thinker Approaches to learning (ATL): Communication, thinking and social skills	Central Idea: We can express our ideas and use fantasy while telling stories. Inquiry into -different ways of self-expression through fairy tales -what fairy tales are about -the importance of fairy tales Key concepts: Perspective, function, form Related concepts Introduction, summary, feedback Learner profile: Communicator, open-minded, risk-taker Approaches to learning (ATL): self-management, communication, thinking and social skills	Central Idea: Weather is a measurable natural phenomenon that affects the world around us and influences our daily lives. Inquiry into -describing weather by measurements -the connections between time and weather -people's choices depend on weather and seasons -natural phenomena that are connected to water cycle -extreme weather conditions influence our lives Key concepts: change, causation, connection Related concepts Observation, cause-effect Learner profile: Inquirer, thinker, communicator Approaches to learning (ATL): Thinking, research and communication skills	Central Idea: Following safety regulations helps to create a safer environment. Inquiry into -reasons why accidents happen -everyone's behavior influences our safety -the occupations and people who work to keep us safe -the ways to act in case of danger Key concepts: responsibility, connection, causation Related concepts: Safety Learner profile: Thinker, risk-taker, balanced Approaches to learning (ATL): self-management, communication, thinking and social skills	Central Idea: Plants provide for life and we care for them. Inquiry into -the conditions plants need to grow and develop -the ways in which plants are essential for humans and other living beingsthe ways how plants provide for life on Earth Key concepts: causation, change, connection Related concepts Responsibility, ecological footprint Learner profile: Inquirer, communicator, caring Approaches to learning (ATL): Research, thinking, communication and self- management skills	

communication skills

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	An inquiry into identity as individuals and as part of a collective: • physical, emotional, social and spiritual health and well-being	An inquiry into histories and orientation in place, space and time:  · periods, events and artefacts	An inquiry into the diversity of voice, perspectives, and expression: · intentions, perceptions, interpretations and responses	An inquiry into understandings of the world and phenomena: • patterns, cycles, systems • discovery, design, innovation: possibilities and impacts	An inquiry into systems, structures and networks:	An inquiry into the interdependence of human and natural worlds:  nature, complexity, coexistence and wisdom
Grade 3	Central Idea: Lifestyle choices influence our future path. Inquiry into -how our food choices influence our health -how healthy diet consists of varied food -how exercise as a part of healthy life -how our choices influence the quality of our lives Key concepts: change, responsibility, form Related concepts: Well-being, development, family Learner profile: Balanced, reflective, principled Approaches to learning (ATL): Self-management and thinking skills	Central Idea: People have invented technologies to explore the world. Inquiry into -different devices that help us to find our way in the world and their development over time -different purposes for using a map -the common rules and symbol used on maps Key concepts: form, function, change Related concepts: system, orienteering, technology Learner profile: Open-minded, risk-taker, inquirer Approaches to learning (ATL): Thinking skills	Central Idea:  Media uses different means to influence our thoughts and behaviour.  Inquiry into -different types of media -the ways how to convince and persuade people -how information is essential to people and communities -how to understand advertisements and make choices  Key concepts: function, responsibility, perspective  Related concepts: Media, network, choices  Learner profile: Thinker, communicator, openminded  Approaches to learning (ATL): Thinking, research and communication skills	Central Idea: Understanding natural forces enables us to use them for our benefit. Inquiry into -there are different forces in nature -the laws that explain how natural forces work -how natural forces can be harnessed to do work Key concepts: causation, function, change Related concepts: Pattern, force, motion Learner profile: Thinker, risk-taker, knowledgeable Approaches to learning (ATL): Thinking and self-management skills	Central Idea: Human-made systems shape the individual characteristics of a country. Inquiry into -how are countries set up to make them work -what are the connections and differences between countries and nationalities -how can history influence the development of a country -the traditions of different nationalities  Key concepts: form, connection, perspective Related concepts: Process, governance, equity Learner profile: Principled, thinker, open-minded Approaches to learning (ATL): Social and communication skills	Central Idea: The ability to adapt to different habitats protects the balance of nature. Inquiry into -the characteristics and classification of animals -how living beings are connected to one another -the connections between the way of life and the appearance to the adaptations of the animalshow human activity influences ecological communities and habitats  Key concepts: Causation, connection, responsibility Related concepts: Interdependence, adaptation, habitat, balance Learner profile: Inquirer, thinker, open-minded Approaches to learning (ATL): Self-management, research and thinking skills
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	An inquiry into identity as individuals and as part of a collective:  · physical, emotional, social and spiritual health and well-being	An inquiry into histories and orientation in place, space and time:  · natural and human drivers of movement, adaptation, and transformation	An inquiry into the diversity of voice, perspectives, and expression:     inspiration, imagination, creativity     personal, social and cultural modes and practices of communication	An inquiry into understandings of the world and phenomena:  • patterns, cycles, systems  • discovery, design, innovation: possibilities and impacts	An inquiry into systems, structures and networks:  · approaches to livelihoods and trade practices: intended and unintended consequences	An inquiry into the interdependence of human and natural worlds:  · rights, responsibilities and dignity of all  · pathways to just, peaceful and reimagined futures  · nature, complexity, coexistence and wisdom
Grade 4	Central Idea: The human body is a system, which consists of interrelated organs, and organ systems and changes over time. Inquiry into -what an organ system is -how different organ systems are connected -how the body changes during life Key concepts: connection, form, change Related concepts: Interdependence, system, development Learner profile: Inquirer, thinker, balanced Approaches to learning (ATL): Research, thinking, communication and social skills	Central Idea: The Solar System operates according to specific laws. Inquiry into - how technology helps us to understand the Solar System, its structure and beginning -different objects in the solar system and their motion -the possibility of life on Earth -the influence of the astral bodies to Earth  Key concepts: connection, causation, form Related concepts: technology, system, motion Learner profile: Knowledgeable, open-minded, inquirer Approaches to learning (ATL): Research, thinking and self-management skills	Central Idea: We can express ourselves though different types of literature. Inquiry into -writing is a visible expression of our thinking process -different ways of writing can help us to express ourselves in different ways -different types of literature that can be used when writing a book Key concepts: form, perspective, Related concepts: Audience, process, genre Learner profile: Open-minded, reflective, risk-taker Approaches to learning (ATL): Self-management, communication and thinking skills	Central Idea: Earth's structure and the movements in it shape the living environments. Inquiry into -the structure of Earth -the change and movement inside Earth -how the changes inside the Earth influence people Key concepts: Change, connection, causation Related concepts: Habitat, movement, geology Learner profile: Inquirer, thinker, communication Approaches to learning (ATL): Thinking, research and communication skills	Central Idea: We need to consider economic, cultural and environmental diversity while planning a trip and making our choices. Inquiry into -how to plan a trip -how to consider different living environments and cultures while travelling Key concepts: causation, perspective Related concepts: culture, resources Learner profile: Thinker, knowledgeable, reflective, open-minded Approaches to learning (ATL): Self-management, research, social and thinking skills	EXHIBITION  Our interests lead to solutions that are useful for the community.  Lines of inquiry, key and related concepts, learner profile attributes and approaches to learning will be developed based on the unit of inquiry developed by a specific student group.