International School of Tallinn

International School of Tallinn- Programme of Inquiry (POI)

		Who we are	Where we are in Place and Time	How we express ourselves	How the world works	How we organize 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; 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.	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 organisations; 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.
Preschool- Early Years 1	Central Idea	Understanding myself and others helps me grow		Creativity is expressed in many ways	Habitats support Animal life		Plants are important for the planet and for our lives
	Lines of Inquiry	 The five senses Family We are all different My physical body Feelings 		 Creativity expressed through stories Creativity expressed through music and dance Creativity expressed through arts 	 Different kinds of habitats and its animals Product that obtained from the animals 		 The responsibility of caring for plants Characteristic and needs of plants Products obtained from plants How seasons affect plants
	Key Concepts	ConnectionPerspectiveForm		PerspectiveForm	ChangeConnectionResponsibility		ResponsibilityChangeFunction
	Related Concepts	Relationship, family, well being, identity, feelings		Story telling, fairy tales, music, dance, arts	Habitat, animals		Plants,living things, seasons
	Learner Profile	CaringRisk-taker		CommunicatorOpen minded	KnowledgeableInquirer		ThinkerKnowledgeable
	Approaches to Learning	 Thinking skills Social skills Communication skills Self-management skills Research skills 		 Thinking skills Social skills Communication skills Self-management skills Research skills 	 Thinking skills Social skills Communication skills Self-management skills Research skills 		 Thinking skills Social skills Communication skills Self-management skills Research skills
		Who we are Unique characteristics	Where we are in Place and Time	How we express ourselves The natural world	How the world works Space is filled with	How we organize ourselves Transportation provides	Sharing the planet We have a responsibility
Preschool- Early Years 2	Central Idea	and abilities form people's identities		inspires artists to create and share ideas	mysterious wonders	a way for people and things to move from one location to another	to care for animals in our environment.
	Lines of Inquiry	 Similarities and differences among friends Characteristics that make people unique and special Respecting the uniqueness of others Our needs and wants (we have different needs and wants) 		 Through art forms we express ideas and feelings Through art we have a deeper understanding of the natural world 	 Systems of the Universe Constellations Exploration of Space 	 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 	 Animal classifications (mammals, amphibians, insects, reptiles) Human impact on animals How we can care for animals. Animal needs
	Key Concepts	 Connection Perspective 		 Form Perspective Reflection 	 Form Connection Function 	 Connection Function 	 Causation Connection Perspective Responsibility
	Related Concepts	Empathy, Collaboration, Problem-solving		Art, Expression, Nature	Astronomy, Technology	Travel, Transport Systems	Responsibility, Needs, Animals
	Learner Profile	CaringOpen-minded		 Communicator Risk-taker Reflective 	KnowledgeableInquirer	InquirerRisk-taker	ThinkerCaring
	Approaches to Learning	 Thinking skills Comprehension Acquisition of knowledge Social skills Accepting responsibility Resolving conflicts Communication skills Listening Viewing Self-management skills Gross motor skills Spatial Awareness Research skills Formulating questions Observing 		 Thinking skills Evaluation Synthesis Social skills Adopting a variety of group roles Respecting others Communication skills Speaking Presenting Self-management skills Spatial awareness Research skills Collecting data Interpreting data 	Thinking skills Analysis Comprehension Social skills Accepting responsibility Cooperating Communication skills Presenting Viewing Self-management skills Organisation Fine motor skills Research skills Interpreting data Organising data	Thinking skills Metacognition Dialectical thinking Social skills Group decision making Resolving conflicts Communication skills Listening Speaking Self-management skills Informed choices Codes of behaviour Research skills Observing Formulating questions 	Thinking skills Application Comprehension Social skills Accepting responsibility Respecting others Communication skills Viewing Non-verbal communication Self-management skills Safety Informed choices Research skills Planning Presenting research findings
		Who we are	Where we are in Place and Time Documenting personal	How we express ourselves	How the world works	How we organize ourselves	Sharing the planet
Preschool- Early Years 3	Central Idea	Taking responsibility and being caring to others	histories allows us to celebrate who we are and where we've come from.	Systems are created to communicate information.	Experimentation can lead to discoveries that impact the world	Society has system	Being a responsible member of the community involves conserving resources
	Lines of Inquiry	 How do we develop relationships Ways of making and keeping friends Responsibilities in relationships 	 Ways of documenting personal history Personal change from birth to present. Physical changes 	 Flags Country symbols Traditions Traditional clothing 	 Technology & inventions How scientific investigation can lead to new discoveries Discoveries that impact the world 	 Rules provide structures Community helpers (doctor, nurse, police, fireman, etc) 	 Reasons to reduce, recycle, reuse and upcycle everyday resources Our use of resources
	Key Concepts	PerspectiveChange	ChangeConnection	 Form Function Perspective 	CausationChangeConnection	 Responsibility Connection Form 	 Change Responsibility Connection
	Related Concepts	Self-advocacy, participation, growth mindset	Development (growth), Family	Traditions, cultures, Symbols	Inventions, Technology, Time	Community helpers, Occupations	Planet Earth, natural resources, recycling
	Learner Profile	CaringCommunicator	Communicator	InquirerOpen Minded	ThinkerCaring	 Knowledgeable 	 Knowledgeable Risk-taker Principled
	Approaches to Learning	 Thinking skills Application Acquisition of knowledge Social skills Accepting responsibility Resolving conflicts Communication skills Writing Non-verbal communication Self-management skills Gross motor skills Healthy lifestyle Research skills Formulating questions Observing 	Thinking Skills Acquisition of knowledge Synthesis Social Skills Respecting others Cooperating Communication Skills Speaking Viewing Self-Management Fine motor skills Time management Research Skills Collecting data Recording data 	 Thinking skills Evaluation Synthesis Social skills Adopting a variety of group roles Respecting others Communication skills Non-verbal communication Presenting Self-management skills Fine motor skills Spatial awareness Research skills Collecting data Interpreting data 	 Thinking skills Analysis Comprehension Social skills Accepting responsibility Cooperating Communication skills Presenting Viewing Self-management skills Safety Organisation Research skills Interpreting data Organising data 	 Thinking skills Metacognition Dialectical thinking Social skills Group decision making Resolving conflicts Communication skills Listening Speaking Self-management skills Informed choices Codes of behavior Research skills Observing Formulating questions 	 Thinking skills Application Comprehension Social skills Accepting responsibility Respecting others Communication skills Viewing Non-verbal communication Self-management skills Safety Informed choices Research skills Planning Presenting research findings

Grade 1	Central Idea	The choices people make affect their health and well-being.	Homes reflect cultural influences and local conditions.	Stories inform and provoke us and give us pleasure.	Understanding the properties of matter allows people to make practical applications.	Transportation systems are directly related to the needs of the community.	Characteristics and habit of animals depend on the habitats and evolutionar process
	Lines of Inquiry	 How to live a balanced lifestyle How the choices we make affect our health Different sources of information that help us make choices 	 What constitutes a home How homes reflect family values How homes reflect local culture Factors that determine where people live 	 What a story is How stories are created and shared Feelings and emotions that stories evoke Non-verbal communication 	 The evidence of the existence of air Properties of air The relationship between air, light and sound What are states of matter 	 Specific purposes of different transportation systems Transportation has developed over time Relationship between transportation systems and the environment 	 Living and non- living things around us. Children carry the features of their parents Domestic and will animals Classification of animals
	Key Concepts	Responsibility Function	Form Perspective Change	Perspective Causation Connection	Function Causation Change	Form Connection Responsibility	Form Change Connection
	Related Concepts	Choice, influence, balance	Culture, needs, ownership, locality	Communication	Force, energy	Systems	Interdependence, system
	Learner Profile Approaches	Caring Balanced Thinking Skills	Open-minded Reflective Thinking Skills	Communicators Principled Thinking Skills	Inquirers Knowledgeable Thinking Skills	Thinkers Risk takers Thinking Skills	Caring Knowledgeable Thinking Skills
	to Learning	AnalysisComprehensionSocial Skills	 Acquisition of knowledge Comprehension 	metacognitionevaluationSocial Skills	EvaluationSynthesisSocial Skills	ApplicationDialectical thoughtSocial Skills	 Analysis Metacognition Social Skills
		 Resolving conflict Respecting other Communication Skills 	 Social Skills Adopting variety of group roles Respecting others 	 Cooperating Adopting variety of group roles 	 Resolving conflict Accepting Responsibility 	 Group decision making Accepting Responsibility 	 Group decision making Cooperating
		 Listening Speaking Self Management 	Communication Skills Listening Speaking 	Communication Skills Viewing Writing 	Communication Skills • Viewing • Writing	Communication Skills • Reading • Non verbal	Communication Skills Viewing Presenting
		 Safety Informed Choices Research Skills Formulating 	Self Management • Codes of behavior	Self Management Gross motor Organization Research Skills	Self Management • Fine Motor • Organization Research Skills	communication Self Management • Spatial	 Self Management Healthy Lifestyle Time manageme Research Skills
		Tornalating questionsObserving	 Informed choices Research Skills Formulating questions Observing 	 Planning Interpreting data 	 Presenting research findings Recording Data 	awareness • Time management Research Skills • Organizing data	 Planning Collecting data
Grade 2	Central Idea	Relationships are affected by our choices and actions.	Our solar system is part of a larger universe which affects life on earth	Imagination is a powerful tool for extending our ability to think, create and express ourselves.	Behind every movement is a force	• Collecting data A community is impacted by the involvement of its members.	Human action can preserve or endanger ou planet.
	Lines of Inquiry	 Similarities and differences between others How society influences our choices Responsibilities within relationships 	 Components of the universe Characteristics of the solar system Earth's position in the solar system helps sustain life on earth 	 How we demonstrate and enjoy our imagination How our imagination helps us to consider other perspectives How imagination helps us to solve problems The value of imagination 	 What causes movement Forces and motion in our environment Nature can influence movement 	 Student roles and contributions in the home, school, and other environments. The process of decision-making. *social perspective, making friends. Understanding and meeting the needs of the community. 	 Human impact o the environment How water affect the landscape Our responsibilit towards living thing
	Key Concepts	Perspective Responsibility	Connection Form Responsibility	Causation Perspective	Function Form Change	Function Responsibility,	Connection Causation
	Related Concepts	Communication, empathy, open- mindedness, Perception, Discovery	Cooperation, ownership	Empathy, invention, transformation	Behavior, prediction	Community, environment, participation, access	Characteristics, relationships, needs
	Learner Profile Approaches to Learning	Caring Balanced Thinking Skills • Comprehension • Evaluation	Open-minded Reflective Thinking Skills • Application • Analysis	Communicators Principled Thinking Skills • Acquisition of knowledge • Metacognition	Inquirers Knowledgeable Thinking Skills • Synthesis • dialectical thought	Thinkers Risk takers Thinking Skills • Analysis • Metacognition	Caring Knowledgeable Thinking Skills • Dialectical thought • Acquisition of knowledge
		Social Skills respecting others cooperating 	Social Skills accepting responsibility adopting a 	Social Skills • resolving conflict • group-decision	Social Skills • accepting responsibility	Social Skills Group decision making Accepting 	Social Skills • Resolving conflic • Cooperating
		Communication Skills listening non-verbal communication 	variety of group roles Communication Skills	making Communication Skills • speaking	group-decision making Communication Skills	responsibility Communication Skills • Listening	Communication Skills • Writing • Speaking
		Self Management Skills • organisation • codes of	 reading viewing Self Management Skills 	 writing Self Management Skills spatial awareness 	viewingpresentingSelf Management Skills	Non verbal communication Self Management	Self Management Codes of behavio Informed choices
		behaviour Research Skills • observing • interpreting data	 gross motor skills safety Research Skills Formulating 	 time management Research Skills planning 	 fine motor skills informed choices Research Skills observing 	 Healthy lifestyle Spatial awareness Research Skills 	Research Skills • Recording data • Observing
Grade 3	Central Idea	Our beliefs and values shape who we are.	 questions Collecting data Exploration leads to discoveries, opportunities and new 	Organising data Signs and symbols facilitate local and global communication.	 presenting research findings The design of buildings and THE IMPACT ON THE ENVIRONMENT ARE 	 Organizing data Collecting data Marketplaces depend on the ability to produce 	Over time, living things need to adapt in order t survive.
	Lines of Inquiry	 What we believe and value 	Reasons for exploration	 Signs and symbols 	Considerations to take into account	 goods and supply services that can be exchanged. The role of supply and demand 	 Concept of adaptation /
		 How beliefs influence the way we behave The impact of religion and family traditions on society 	 (historical and personal) How explorations have taken place over time The consequences of explorations 	 Reasons for the development of communication systems Specialized systems of communication 	 How building a structure How building impacts on the environment How we reduce the environmental impact of building and create more sustainable communities 	 The distribution of goods and services Outcomes of being responsible consumers 	 Classification Circumstances the lead to adaptation How plants and animals adapt or respond to environmental conditions
	Key Concepts Related	Change Perspective Reflection Perception, diversity	Causation Perspective Connection Impact, navigation,	Causation Connection Function Culture, media, pattern	Connection Responsibility Form Structure, sustainability,	Function Form Responsibility Interdependence, supply	Change Connection Causation Adaptation, evolution
	Concepts Learner Profile	Caring Balanced	Colonialism, power Open-minded Reflective	Communicators Principled	transformation Inquirers Knowledgeable	and demand Thinkers Risk takers	Caring Knowledgeable
	Approaches to Learning	Thinking Skills	Thinking Skills Acquisition of knowledge Comprehension 	Thinking Skills	Thinking Skills Analysis Dialectical thought 	Thinking Skills Application Dialectical thought 	Thinking Skills • Comprehension • Evaluation
		Social Skills Respecting others Adopting a variety of group 	Social Skills • Accepting responsibility	Social Skills • Respecting others • Cooperating		Social Skills • Cooperating • Adopting a	Social Skills Accepting responsibility Resolving conflict
		roles Communication Skills Listening	Group-decision making Communication Skills	Communication Skills Speaking Non-verbal communication 	making Communication Skills • Reading	variety of group roles Communication Skills	Communication Skills • Viewing • Presenting
		 Presenting Self Management Skills Codes of behavior Informed choices 	 Reading Writing Self Management Skills Organisation 	Self Management Skills Spatial awareness Healthy lifestyle 	 Presenting Self Management Skills Fine motor skills Safety 	 Speaking Non-verbal communication Self Management Skills 	Self Management Skills Healthy lifestyle Codes of behavior
		 Research Skills Formulating questions Interpreting data 	 Time management Research Skills Planning Presenting 	Research Skills • Observing • Recording data	Research Skills Planning Collecting data	 Gross motor skills Time management Research Skills Formulating 	Research Skills Collecting data Interpreting data
Grade 4	Central Idea	The Human Body Systems- The effective interactions	research findings Natural forces change the world around us	Creating and responding to art develops understanding of	Matter exists in different forms that can be changed to meet	 questions Organising data Economic activity relies on systems of production, exchange 	Energy may be converted transformed, and used support human progress
	Lines of	 between human body systems contribute to health and survival Body systems 	What natural	 ourselves and the world around us. How arts can be 	 peoples' needs What are the 	 and consumption of goods and services. Medium of 	 Different forms
	Inquiry	 and how they work How body systems are connected Impact of lifestyle choices on the human body systems 	 forces have been discovered Inventions and discoveries of past civilizations that we use today How have the discoveries How modern societies continue to use and modify inventions 	 a reflection of values and issues The contexts in which artworks were created How learning about arts develops appreciation Personal preference in appreciation of arts 	 states of matter and their properties How and why does matter change How scientific methods can be used to answer questions How is matter used in its different forms 	 exchange in various marketplaces Ethics of the marketplace How and in what way we depend on people in other places How global movement and communication affect availability of goods and 	energy sources (renewable and non-renewable) • How energy is u (transformation) • Sustainable ener practices
	Key Concepts	Function Change Connection	Function Change Perspective	Function Perspective Reflection	Form Causation Change	Function Connection Responsibility	Form Causation Responsibility
	Related Concepts	Interdependence, health	Continuity, progress, technology	Creativity, perception, bias/interpretation	Structure, Evidence, Transformation	Interdependence, inequity, fair trade	Conservation, transformation
	Learner Profile Approaches to Learning	Caring Balanced Thinking Skills • Acquisition of knowledge • Metacognition Social Skills • Cooperating • Resolving conflict	Open-minded Reflective Thinking Skills • Analysis • Synthesis Social Skills • Respecting other • Group-decision making	Communicators Principled Thinking Skills • Analysis • Comprehension Social Skills • Respecting other • Adopting a variety of group	Thinker Inquirer Thinking Skills • Application • Synthesis Social Skills Communication Skills	Thinkers Risk takers Thinking Skills • Dialectical thought • Comprehension Social Skills • Cooperating • Adopting a	Inquirers Knowledgeable Thinking Skills • Application • Synthesis Social Skills • Accepting responsibility • Group-decision
		Communication Skills • Listening • Writing	Communication Skills • Reading • Viewing	roles Communication Skills • Speaking • Non-verbal	Self Management	variety of group roles Communication Skills • Reading	making Communication Skills • Viewing • Presenting
		Self Management codes of behaviour informed choices 	Self Management • Fine motor skills • Organisation Research Skills	communication Self Management • Spatial	Research Skills • Observing	 Presenting Self Management Time 	 Presenting Self Management Safety Healthy lifestyle
		Research Skills Planning Interpreting data 	 Formulating questions Collecting data 	awareness • Time management Research Skills • Observing • Organising data	 Observing Organising Data 	management • Safety Research Skills • Planning • Interpreting data	Research Skills Recording data Presenting research finding
Grade 5	Central Idea	Unit 6 Puberty ushers in changes within our body systems and is celebrated to mark a	Unit 2 Plants have evolved to access and use available resources.	• Organising data Unit 5, PYP EXHIBITION Central idea generated by students	Unit 4 Understanding the nature of matter allows us to transform and use it.	Unit 1 The responsibilities of individuals and governments are directly connected to children's viewtre	Unit 3 Human migration is a response to challenges, risks, and opportunities
	Lines of Inquiry	 passage in our lives. Body systems and how they work 	 The characteristics and needs of 	• Lines of inquiry generated by students	 Matter undergoes physical and 	 rights. The challenges, risks, and opportunities that 	 The reasons why people migrate Migration
		 Work Celebrations of passage What puberty means to us 	 and needs of plants Plants' place in ecosystems The ways plants have changed over time 	students	 physical and chemical changes Observable characteristics of chemical reactions The ways that people have used their knowledge of chemical reactions to impact human lives 	 Opportunities that children face Different types of governments and their relationship to citizens The role of school democracy in advocating for students' rights 	 Migration throughout histo Effects of migrat on communities, cultures, and individuals
	Key Concepts Related Concepts	Function Change Perspective Systems, identity, rituals, transformation	Form Function Structure, adaptation, energy, history,		Form Change Interaction, transformation, matter,	Function Causation Responsibility Rights, Justice, Role	Connection Perspective Causation Resilience, movement, reaction, culture
	Learner	Balanced	sequence Knowledgeable	Inquirers Bisk Takors	properties, information, comparison, procedure, properties, evidence	Communicator	Open-minded
	Approaches to Learning	Communicators Social Skills • Cooperating	Reflective Research Skills • Observing	Risk-Takers Communication Skills • Listening	Thinkers Research Skills • Formulating	Principled Social Skills • Respecting others	Caring Research Skills • Planning
		 Adopting a variety of group roles Self-Management Skills 	 Recording data Presenting research findings Communication Skills 	 Speaking Presenting Self Management Skills Organisation 	questions Collecting and interpreting data Thinking Skills	 Group decision- making Accepting responsibility Self-Management 	 Organising data Thinking Skills Analysis Dialectical thoug
		Skills Healthy lifestyle 	Communication Skills	 Organisation Time 	 Thinking Skills Acquisition of 	 Self-Management Skills 	