



NORLIGHTS
INTERNATIONAL SCHOOL
Oslo



Program of Inquiry 2018-2019

Grade Level	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.	Ourselves 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.
PYP 1	<p>Central Idea: Being aware of what we look like, our interests and abilities allows us to develop an identity.</p> <p>Concepts: Form, Perspective, Connection</p> <p>Related Concepts: Family, Similarities and Differences</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Our physical characteristics • Our personal abilities and interests • Our identity 		<p>Central Idea: Through play we express our feelings and ideas and come to new understandings.</p> <p>Concepts: Function, Connection, Perspective</p> <p>Related Concepts: Exploration, Opinion</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Communicating through play • Imaginative use of materials • The role of toys in play 	<p>Central Idea: Living things respond to Earth's natural cycles.</p> <p>Concepts: Causation, Change, Connection</p> <p>Related Concepts: Seasons, Patterns</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The Earth's natural cycles • The changing pattern of the Earth's cycle • Responses to the Earth's natural cycle 		<p>Central Idea: Animals live in habitats that suit their needs.</p> <p>Concepts: Connection, Perspective, Responsibility</p> <p>Related Concepts: Classification, Initiative</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Where animals live • What animals need to survive • Human responsibility to protect animal habitat
PYP 2	<p>Central Idea: Actions we take and choices we make effects our relationships.</p> <p>Concepts: Form, Connection, Causation</p> <p>Related Concepts:</p>	<p>Central Idea: Our host country has its own unique identity.</p> <p>Concepts: Causation, Connection, Perspective</p> <p>Related Concepts:</p>	<p>Central Idea: Sound and light helps us to express emotions.</p> <p>Concepts: Form, Change, Perspective</p> <p>Related Concepts: Forms of Energy (light, sound), Perception,</p>	<p>Central Idea: Technology has changed the role of games.</p> <p>Concepts: Form, Function, Connection</p> <p>Related Concepts: Technological</p>	<p>Central Idea: People create systems of measurement to meet their needs in daily life.</p> <p>Concepts: Function, Connection, Causation</p>	<p>Central Idea: Plants sustain life on Earth and play a role in our lives.</p> <p>Concepts: Form, Connection, Responsibility</p> <p>Related Concepts:</p>

	<p>Communication, Self-Awareness, Mindfulness, Conflict, Diversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Words, thoughts and choices Positive and negative choices The consequences of my choices on relationships 	<p>Diversity, Traditions, Amenities, Borders, Geography</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Host country culture Host country geography The responsibility of visitors towards host country 	<p>Constructing Meaning, Artistic Development</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Properties of sound and light Manipulation of sound and light Sound and light as vehicle for aesthetic expression 	<p>Advancement, Adaptation, Interconnectedness</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Digital gaming Why people play digital games How digital games are connected to learning 	<p>Related Concepts: Units of Measurement, Education, Production</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> The systems of time, money, length, mass, temperature and capacity The tools we use to measure How we use measurement in our daily lives 	<p>Resources, Sustainability, Conservation, Interdependence, Appreciation</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Parts of plants and their functions How plants contribute to life on Earth Conservation of plants
PYP 3	<p>Central Idea: The choices people make affect their health and well-being.</p> <p>Concepts: Form, Causation, Connection</p> <p>Related Concepts: Health, Systems, Choice</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> What it means to have a balanced lifestyle How the choices we make affect our health Different sources of information that help us make choices 	<p>Central Idea: Exploration leads to discovery and develops new understandings.</p> <p>Concepts: Form, Causation, Connection</p> <p>Related Concepts: Consequences, Discovery, Geography</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Reasons for exploration Methods of exploration The impact of explorers and explorations 	<p>Central Idea: Celebrations and traditions are expressions of shared beliefs and values.</p> <p>Concepts: Causation, Form, Perspective</p> <p>Related Concepts: beliefs, values, belonging, culture</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Why people celebrate Features of traditions and celebrations Planning a celebration 	<p>Central Idea: All living things go through a process of change.</p> <p>Concepts: Causation, Change, Connection</p> <p>Related Concepts: Cycles, Transformations</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> ·Patterns of growth ·How living things change over their lifetime ·Factors that can influence life cycle 	<p>Central Idea: In a workplace people share responsibility towards a common purpose.</p> <p>Concepts: Function, Causation, Connection</p> <p>Related Concepts: Cooperation, Employment</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Purpose of a workplace Interconnectedness of people in a workplace Importance of a shared vision or common purpose 	<p>Central Idea: Water is essential to life and it is a limited resource.</p> <p>Concepts: Function, Change, Responsibility</p> <p>Related Concepts: Conservation, Equity, Processes</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> Sources of water and how water is used What happens to water after we have used it Our responsibilities regarding water
PYP 4	<p>Central Idea: The effective interactions between human body systems contribute to health and survival.</p> <p>Concepts:</p>	<p>Central Idea: Interpretation of artifacts contributes to our understanding of peoples' histories.</p> <p>Concepts:</p>	<p>Central Idea: Stories can engage their audience and communicate meaning.</p> <p>Concepts:</p>	<p>Central Idea: Humans make machines to make life easier.</p> <p>Concepts: Form, Function, Causation</p>	<p>Central Idea: Economic activity relies on systems of production, exchange and consumption of goods and services.</p>	<p>Central Idea: Our Planet contains natural resources which humans can put to variety of uses.</p> <p>Concepts:</p>

	<p>Function, Connection, Responsibility</p> <p>Related Concepts: Systems, Interdependence, Health, Homeostasis</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Body systems and how they work • How body systems are interdependent • Impact of lifestyle choices on the body 	<p>Form, Function, Causation</p> <p>Related Concepts: Artifact, History, Value</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How people analyse artifacts • How artifacts contribute to our understanding of the past • Why people keep or discard artifacts 	<p>Form, Connection, Perspective</p> <p>Related Concepts: Communication, Characterization, Expression</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How to construct an effective story • What stories can convey • How stories are created and shared • Feelings and emotions that stories evoke 	<p>Related Concepts: Ingenuity, Technology, Energy, Forces</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The different types of machines and their principles • The inventions which use these principles • How important machines have become in modern society 	<p>Concepts: Function, Connection, Responsibility</p> <p>Related Concepts: Interdependence, Inequity, Fair Trade</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The role of supply and demand • The distribution of goods and services • Our responsibility as consumers 	<p>Perspective, Responsibility, Causation</p> <p>Related Concepts: Lifestyle, Resources, Waste</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Natural Resources • Accessing and using natural resources • Consequences of using natural resources
PYP 5	<p>Central Idea: Knowing the physical and emotional changes that occur during puberty can help us better manage these changes.</p> <p>Concepts: Function, Connection, Perspective</p> <p>Related Concepts: Systems, Biology</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Hormonal, physical and emotional changes • The connection between these changes • Ways of managing these changes 	<p>Central Idea: Human migration is a response to challenges, risks and opportunities.</p> <p>Concepts: Change, Causation, Perspective</p> <p>Related Concepts: Migration, discovery, history & progress</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The reasons why people migrate • Our journeys and movements • Effects of migration on individuals. 	E X H I B I T I O N	<p>Central Idea: Exploring chemical properties can help us understand the nature of the scientific process.</p> <p>Concepts: Form, Function, Causation</p> <p>Related Concepts: Changes of State, Chemical & Physical changes</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • The Scientific Process • Controlled experimentation • How scientific investigation impacts humanity 	<p>Central Idea: Government systems influence the lives of citizens.</p> <p>Concepts: Function, Perspective, Responsibility</p> <p>Related Concepts: Governance, Law, Politics</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • How government systems function • How decision-making practices reflect human rights • Impact of government on citizens • The rights and responsibilities of citizenship 	<p>Central Idea: Biodiversity relies on interdependent balance of organisms within systems.</p> <p>Concepts: Form, Connection, Responsibility</p> <p>Related Concepts: Ecosystems, Habitat, Biodiversity</p> <p>Lines of Inquiry:</p> <ul style="list-style-type: none"> • Interdependence within ecosystems, biomes and environments • Ways in which organisms are interconnected in nature • How human interaction with the environment can affect the balance of systems