

## The International School of Belgrade POI Matrix 2019-20

Grade:	An inquiry into <b>Who we are</b>  An inquiry into the nature of the self; beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, communities, and cultures; rights and responsibilities; what it means to be human.	An inquiry into <b>Where we are in place and time</b>  An inquiry into orientation in place and time; personal histories; homes and journeys; the discoveries, explorations and migrations of humankind; the relationships and the interconnectedness of individuals and civilizations, from local and global perspectives.	An inquiry into <b>How we express ourselves</b>  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 <b>How the world works</b>  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 <b>How we organize ourselves</b>  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 <b>Sharing the planet</b>  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
Gr. 5	<p><b>Key Concepts:</b>Function, Connection, Responsibility <b>Related Concepts:</b> Systems, health</p> <p><b>Central Idea:</b> Adolescence is a time of physical, mental and social change.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The body systems that contribute to the physical and emotional changes of adolescence.</li> <li>Strategies and responsibilities for adapting to change and transition</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> PE, French, Spanish</p> <p><b>6th Unit: May 18-June 17</b></p>	<p><b>Key Concepts:</b> Causation, Change, Reflection <b>Related Concepts:</b> History</p> <p><b>Central Idea:</b> Historical heritage can provide us with insights into a region and its people.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The history of Serbia and the Balkans</li> <li>The gathering and interpretation of historical information</li> <li>The lasting legacies of past civilizations</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Serbian, French, Spanish</p> <p><b>1st Unit: Aug 25th- Oct 4th</b></p>	<p><b>Key Concepts:</b> Form, Reflection, Perspective <b>Related Concepts:</b> Communication, Structure, Persuasion</p> <p><b>Central Idea:</b> Images, words and sounds have the power to influence thinking and behavior.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Different points of view in relation to an issue (Perspective)</li> <li>The techniques used to influence an audience (Form and Reflection)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Music, Serbian</p> <p><b>2nd Unit: Oct 7th- Nov 15th</b></p>	<p><b>Key Concepts:</b> Form, Change <b>Related Concepts:</b> Transformation</p> <p><b>Central Idea:</b> The properties of matter can be altered as a result of physical and chemical changes.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The properties and characteristics of solids, liquids and gases</li> <li>Changes of state in matter</li> <li>Physical and chemical changes of matter</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>3rd Unit: Nov 18th- Dec 20th</b></p>	<p><b>Key Concepts: All</b> <b>Related Concepts:</b>Activism</p> <p><b>Central Idea:</b> People work together to improve the environment in which they live.</p> <p><b>Lines of inquiry:</b></p> <p><b>Specialists with Transdisciplinary Connections:</b> <b>All Specialists</b></p> <p><b>PYP EXHIBITION</b></p> <p><b>4th Unit: Jan 13th- March 20th</b></p>	<p><b>Key Concepts:</b> Responsibility, Reflection, Form <b>Related Concepts:</b>TBD</p> <p><b>Central Idea:</b> Energy may be converted, stored and used to support human activity.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Sources &amp; forms of renewable/non renewable energy</li> <li>Transformation and storage of energy</li> <li>Human uses and applications of different forms of sustainable energy</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>Lines of Inquiry:</b></p> <p><b>5th Unit: March 23rd-May 15th</b></p>
Gr. 4	<p><b>Key Concepts:</b> Responsibility, Form <b>Related Concepts:</b> Character, Values, Activism</p> <p><b>Central Idea:</b> People can become heroes through their choices and actions</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The common characteristics of all heroes</li> <li>The actions that heroes take</li> <li>The choices that people make to become heroes</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> French, Spanish, Music, Serbian</p> <p><b>1st Unit: Aug 25th- Oct 11th</b></p>	<p><b>Key Concepts:</b> Perspective, Change <b>Related Concepts:</b> Loss, Gain, Exchange of Ideas</p> <p><b>Central Idea:</b> Migration can transform communities and create challenges and opportunities</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The factors that lead to migration</li> <li>The challenges that face the host community &amp; immigrants</li> <li>The transformations that occur as a result of migration</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> French and Spanish</p> <p><b>6th Unit: May 4th-June 17th</b></p>	<p><b>Key Concepts:</b> Form, Function, Perspective <b>Related Concepts:</b> Interpretation, Movement, Symbolism, Expression</p> <p><b>Central Idea:</b> Ideas and feelings are conveyed through movement &amp; dance.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Types of dances and where they're from (form)</li> <li>What can be revealed through dance (function); (Art-through the use of movement)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> PE and Art</p> <p><b>3rd Unit: Dec 2nd- Dec 20th</b></p>	<p><b>Key Concepts:</b> Change, Causation <b>Related Concepts:</b> Forces, Energy, Technology</p> <p><b>Central Idea:</b> Scientific advances can allow us to better predict, understand and react to natural phenomena</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Causes of natural phenomena</li> <li>Effect of natural phenomena on society and environment</li> <li>Technology used to predict, measure and respond to natural phenomena</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>2nd Unit: Oct 14th-Nov 29th</b></p>	<p><b>Key Concepts:</b> Function, Connection, Responsibility <b>Related Concepts:</b> Rights, Responsibilities, Citizenship</p> <p><b>Central Idea:</b> Government systems determine our rights and responsibilities</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Different types of government systems</li> <li>Similarities and differences between government systems</li> <li>Impact of government on citizens rights and responsibilities</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> French and Spanish</p> <p><b>4th Unit: Jan 20th- March 6th</b></p>	<p><b>Key Concepts:</b> Form/Function Connection, Causation <b>Related Concepts:</b> Classification, Adaptation, Plants</p> <p><b>Central Idea:</b> Plant survival is dependent on its structure and environment</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>The parts and functions of plants</li> <li>The relationship between plants, the environment and humans</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>5th Unit: March 9th-April 1st</b></p>
Gr. 3	<p><b>Concepts:</b> Responsibility, Perspective <b>Related:</b>Interactions, (Conflict resolution), Identity</p> <p><b>Central Idea:</b> Our beliefs and values shape our identity and our interactions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>Our beliefs and values (Who we are) and the groups that we belong to</li> <li>Ways of communicating within a groups</li> <li>Our responsibilities within these group (behaviours)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Music, PE, French, Spanish, Serbian</p> <p><b>1st Unit: Aug 25th-Sept 19th</b></p>	<p><b>Concepts:</b> Form, Connection <b>Related:</b> Patterns, Cycles</p> <p><b>Central Idea:</b> Earth's cycles and features are connected to it's unique place within the solar system.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li><b>Cycles of planet Earth</b> (day and night, months/seasons, moon phases)</li> <li><b>Properties of planet Earth</b> (water, layers, distance from the sun, atmosphere)</li> <li><b>Celestial bodies in the solar system</b></li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>2nd Unit: Sept 23rd-Nov 15th</b></p>	<p><b>Concepts:</b> Connection, Reflection <b>Related:</b> Interpretation</p> <p><b>Central Idea:</b> Poetry allows for interpretation and expression of meaning.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Ways we interpret poetry &amp; art forms</li> <li>Figurative devices used in poetry</li> <li>Techniques used in performance poetry</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Music, French, Spanish, Serbian, Art, PE</p> <p><b>3rd Unit: Nov 18-Dec 20th</b></p>	<p><b>Key Concepts:</b> Causation,, Form <b>Related Concepts:</b> Properties, Structure</p> <p><b>Central Idea:</b> Many components influence the design and building of a structure.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Different types of structures, their form and their purpose</li> <li>The materials, shapes and joins of different structures</li> <li>The design cycle</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>5th Unit: March 2nd-April 16th</b></p>	<p><b>Key Concepts:</b> Causation, Connection <b>Related Concepts:</b> Systems, Value</p> <p><b>Central Idea:</b> People develop systems to access what they need.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>(Assess student knowledge of needs vs. wants.)</li> <li>How different systems meet our needs and wants (financial, raw materials, processing, transportation, communication)</li> <li>The value of resources (sort, organize, think of goods/services)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Serbian</p> <p><b>6th Unit: April 27th-June 17th</b></p>	<p><b>Key Concepts:</b> Function, Responsibility <b>Related Concepts:</b> Conservation, Resources</p> <p><b>Central Idea:</b> Water management influences the way we live.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>Bodies of water and water as a resource</li> <li>Ways in which to use, store and access water</li> <li>The availability of clean, safe water</li> <li>Conservation and preservation of water</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p><b>4th Unit: Jan 13th-Feb 28th</b></p>

PYP Program of Inquiry 2019-20

	An inquiry into <b>Who we are</b>	An inquiry into <b>Where we are in place and time</b>	An inquiry into <b>How we express ourselves</b>	An inquiry into <b>How the world works</b>	An inquiry into <b>How we organize ourselves</b>	An inquiry into <b>Sharing the planet</b>
Gr. 2	<p><b>Key Concepts:</b> Causation, Responsibility <b>Related Concepts:</b> Nutrition, Balance</p> <p><b>Central Idea:</b> Routines and habits affect our health and how our body functions</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Nutrition and how it helps our bodies</li> <li>• The components of a balanced lifestyle</li> <li>• Habits and routines we can change to improve our health</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> PE, French and Spanish</p> <p>3rd Unit: Dec 2nd-Feb 14th</p>	<p><b>Concepts:</b> Change, Reflection <b>Related Concepts:</b> Interpretation</p> <p><b>Central Idea:</b> We can understand the past by looking at evidence in the present.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways of knowing the past (primary &amp; secondary sources)</li> <li>• Interpreting artifacts</li> <li>• What archaeologists do</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Serbian</p> <p>6th Unit: May 18th- June 17th</p>	<p><b>Concepts:</b> Form, Perspective, <b>Related:</b> Interpretation</p> <p><b>Central idea:</b> The arts allow us to share and interpret emotions</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Different art forms and how they express emotions</li> <li>• How we each experience and respond to the arts (interpreting / perspective)</li> <li>• The way in which stories share emotional experiences/events (story events (plot) &amp; character development)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> French, Music, Art</p> <p>2nd Unit: Oct 28th-Nov 29th</p>	<p><b>Concepts:</b> Causation Function <b>Related Concepts:</b> Prediction</p> <p><b>Central Idea:</b> Forces affect the way that objects move.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Different way in which objects can move. (acceleration, rotation)</li> <li>• The different types of natural forces</li> <li>• The processes that scientist use</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>4th Unit: Feb 24th-March 27th</p>	<p><b>Key Concepts:</b> Change, Connection</p> <p><b>Related Concepts:</b>Production, Distribution</p> <p><b>Central Idea:</b> People process natural resources in order to produce the foods we eat.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Natural resources (including rocks and minerals) used for food</li> <li>• The process and stages of food production</li> <li>• The advantages and disadvantages of food distribution</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>5th Unit: March 30th- May 15th</p>	<p><b>Key Concepts:</b> Connection, Responsibility <b>Related Concepts,</b> Interdependence</p> <p><b>Central Idea:</b> All living things depend on each other for survival.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Ways to classify animals</li> <li>• Connections between living things</li> <li>• What living things need for survival in a habitat</li> <li>• The threats to balance and survival</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> French and Spanish</p> <p>1st Unit: Aug 25th-Oct 18th</p>
Gr.1	<p><b>Key Concepts:</b> Connection, Perspective <b>Related concepts:</b> Harmony, Diversity</p> <p><b>Central idea:</b> Learning about our similarities and differences helps us to develop our relationships.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Relationships</li> <li>• Identifying similarities and differences in our groups</li> <li>• Ways we can respect and grow in our relationships</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Music, PE, French, Spanish</p> <p>1st Unit:Aug 25th-Sept 19th</p>	<p><b>Key Concepts:</b> Causation, Form <b>Related Concepts:</b> Change</p> <p><b>Central Idea:</b> We can recognize place and time in homes around the world</p> <p><b>Lines of Inquiry</b></p> <ul style="list-style-type: none"> <li>• How homes look around the world</li> <li>• Why homes look the same and different over time</li> <li>• Homes teach us about the people who live there</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>4th Unit: Jan 13th- Feb 14th</p>	<p><b>Key Concepts:</b>Form, Perspective <b>Related Concepts:</b>Expression, Choice</p> <p><b>Central Idea:</b> Stories have common elements and we share them in different ways</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Purpose of a story</li> <li>• Cultural &amp; traditional tales</li> <li>• Different ways stories are shared</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Spanish, Serbian, French, Music, Art</p> <p>6th Unit: April 27th- June 17th</p>	<p><b>Key Concepts:</b> Form, Change <b>Related Concepts:</b>Properties, Transformation</p> <p><b>Central Idea:</b> Matter exists in different states and can be changed.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• States of matter and their properties</li> <li>• Experimenting with matter</li> <li>• The role of a scientist</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Spanish, French</p> <p>3rd Unit: Nov 12th-Dec 20th</p>	<p><b>Key Concepts:</b> Connection, Function <b>Related Concepts:</b> Dependence</p> <p><b>Central Idea:</b> People and places in our community serve our needs and wants.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Needs and wants of people</li> <li>• Places, services and people within a community</li> <li>• Rural &amp; Urban communities</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>2nd Unit: Sept 23rd- Nov 8th</p>	<p><b>Key Concepts:</b> Responsibility, Function <b>Related Concepts:</b> Balance, Classification</p> <p><b>Central Idea:</b> Mini-beasts have a role in keeping our environment in balance.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Minibeast characteristics and behaviors</li> <li>• Classification of minibeasts and purpose in our environment</li> <li>• Our responsibilities towards minibeasts</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>5th Unit:Feb 24th-April 16th</p>
Gr. KG		<p><b>Key Concepts:</b> Reflection, Change <b>Related Concepts:</b> Time, Growth</p> <p><b>Central idea:</b> Documenting our personal journeys helps us understand how we change over time.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Personal journeys</li> <li>• How we change over time in different ways</li> <li>• How we reflect, document and move forward on our personal journeys</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art</p> <p>5th Unit: May 11th- June 17th</p>	<p><b>Key Concepts:</b>Perspective, Causation <b>Related Concepts:</b>Opinion</p> <p><b>Central idea:</b> An artist's choice of different tools and materials result in different outcomes.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Different tools and materials artists use</li> <li>• Why artists choose different tools and techniques</li> <li>• Use of our senses in artistic exploration</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art</p> <p>2nd Unit: Oct 7th- Dec 13th</p>	<p><b>Key Concepts:</b>Form and Function <b>Related Concepts:</b> properties</p> <p><b>Central Idea:</b> Light and sound help us experience our world</p> <ul style="list-style-type: none"> <li>• Sources of light and sound</li> <li>• Properties of light and sound</li> <li>• The role of light and sound in our lives</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Music</p> <p>3rd Unit: Dec 16th- March 6th</p>	<p><b>Key Concepts:</b> Function, Responsibility <b>Related Concepts:</b> Organization, Roles</p> <p><b>Central idea:</b> People work together to create a community of learners in our school.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Roles and responsibilities we each have in our learning community (through the Learner Profiles)</li> <li>• The behaviours and choices that help a community work</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Music, PE</p> <p>1st Unit: Aug 25th- Oct 4th</p>	<p><b>Key Concepts:</b> Causation, Responsibility <b>Related Concepts:</b> Conservation, Pollution, Choices</p> <p><b>Central idea:</b> The way people use and treat resources affects the environment.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Resources needed for survival</li> <li>• Sources of pollution</li> <li>• How our choices affect resources in our environment)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art</p> <p>4th Unit: March 9th-May 8th</p>
Gr. Pre-K (Rotation 1 -) 2019-20	<p><b>Key Concepts:</b> Responsibility, Function <b>Related Concepts:</b>Interactions</p> <p><b>Central Idea:</b> People are unique individuals that work and play together .</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Myself and others and our similarities and differences</li> <li>• Our classroom space and how we use it</li> <li>• Ways to get along together</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Music, PE</p> <p>1st unit: Aug 25th- Oct 18th</p>	Not Applicable	<p><b>Key Concepts:</b>Perspective, Reflection <b>Related Concepts:</b>Feelings, Emotions</p> <p><b>Central Idea:</b> People recognise and respond to emotions in different ways.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Names of emotions</li> <li>• Emotional triggers</li> <li>• Possible choices (real or imagined)</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b> Art, Music</p> <p>2nd unit: Oct 28th-Jan 31st</p>	<p><b>Key Concepts:</b>Causation, Connection <b>Related Concepts:</b>Patterns, Cycles <b>Central Idea:</b> The Earth's natural cycles influence the activity of living things.</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• Natural cycles</li> <li>• Activities and behaviours depending on those cycles</li> <li>• Health and Safety related to natural cycles</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>3rd unit: Feb 24th- April 16th</p>	Not Applicable	<p><b>Key Concepts:</b> Form, connection <b>Related Concepts:</b>Conservation, Choices</p> <p><b>Central Idea:</b> Plants are a natural resource for living things</p> <p><b>Lines of inquiry:</b></p> <ul style="list-style-type: none"> <li>• What plants provide for us and other living things</li> <li>• The structure of a plant</li> <li>• Caring for plant life</li> </ul> <p><b>Specialists with Transdisciplinary Connections:</b></p> <p>4th unit: April 27th-June 17th</p>