

## PYP Units of Inquiry

The International Baccalaureate Primary Years Programme is committed to structured inquiry for learning. Six transdisciplinary themes provide a framework for exploration of knowledge. In the process, students explore the subject areas, develop important concepts, acquire essential skills and develop particular attitudes to learn how to take socially responsible actions.



### Pre-Kindergarten 3

<b>I Knowledge</b>	<p><b>Who We Are</b>  <b>Central Idea:</b> Interpretation of the environment can be strengthened by sensory perception.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• The five senses and their purposes</li> <li>• Senses as a form of inquiry and investigation</li> <li>• Interpretations of sensory input</li> <li>• Vocabulary as a descriptive language</li> </ul>
<b>Key and Related Concepts</b>	function, reflection, environment, senses, communication, observation
<b>Approaches to Learning</b>	<p><b>thinking skills:</b> analysis</p> <p><b>social skills:</b> respecting others</p> <p><b>research skills:</b> observing</p>
<b>Attitudes</b>	curiosity, respect
<b>Learner Profile</b>	reflective, thinker

<b>II Knowledge</b>	<p><b>How the World Works</b>  <b>Central Idea:</b> Observations will lead to an understanding of patterns and cycles.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Characteristics of a pattern</li> <li>• Patterns are everywhere</li> <li>• Cycles can be patterns</li> <li>• Interdependence of cycles in the natural world</li> </ul>
<b>Key and Related Concepts</b>	change, connection, cycles, sequences, interdependence, patterns
<b>Approaches to Learning</b>	<p><b>research skills:</b> observing</p> <p><b>thinking skills:</b> application, comprehension</p>
<b>Attitudes</b>	confidence, enthusiasm
<b>Learner Profile</b>	inquirer, knowledgeable

### III

<b>Knowledge</b>	<p><b>How We Express Ourselves</b>  <b>Central Idea:</b> People can use art as a means of expression.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Different forms of art and how it's made</li> <li>• Thoughts, ideas, and feelings can be expressed through art</li> <li>• Personal experience may influence our creation and interpretation of art</li> <li>• An artist's inspiration</li> </ul>
<b>Key and Related Concepts</b>	perspective, form, similarities, differences, individuality, self-expression
<b>Approaches to Learning</b>	<p><b>research skills:</b> organizing data</p> <p><b>communication skills:</b> viewing, non-verbal communication</p>
<b>Attitudes</b>	creativity, confidence
<b>Learner Profile</b>	communicator, open-minded

### IV

<b>Knowledge</b>	<p><b>Sharing the Planet</b>  <b>Central Idea:</b> Living things grow and change in different ways.</p> <p><b>Lines of Inquiry:</b></p> <ul style="list-style-type: none"> <li>• Where plants and animals live</li> <li>• Ecosystems need different things</li> <li>• Relations among organism help maintain an ecosystem's equilibrium</li> </ul>
<b>Key and Related Concepts</b>	relationships, change, habitats, organisms, ecosystems
<b>Approaches to Learning</b>	<p><b>self-management skills:</b> informed choices</p> <p><b>research skills:</b> observing</p> <p><b>thinking skills:</b> comprehension</p>
<b>Attitudes</b>	cooperation
<b>Learner Profile</b>	balanced, caring