

The PYP

The Primary Years Programme (IB-PYP) is the established worldwide programme at the Primary School level (ages 3-11) and it is offered by many top international schools. ISZN is authorized to offer this programme, which is organized by the International Baccalaureate Organization (IBO).

The programme is designed to be transdisciplinary. It identifies a body of significant knowledge required by all students in all cultures, in six principal subject areas: *Language, Social Studies, Mathematics, Science and Technology, The Arts, and Personal, Social and Physical Education*. By integrating subject areas at all times, the aim is to give the students a well rounded, challenging, engaging and relevant experience.

Inquiry-based and reflective of shared best teaching practices from around the globe, the programme actively works to instil a lifelong love of learning to all participants.

The overview contained within reflects our conceptual approach to teaching and learning. Please note that some goals and comments may be overlapping as they are designed to be continually reinforced and reviewed.

Assessment

At ISZN, we view assessment as the gathering and analysis of information about student performance. It provides us with evidence about what our students know, understand, can do and are feeling at different stages in the learning process. We know that successful assessment involves continual and prompt feedback, without which, the process is limited in its affect, importance and relevance.

We understand that our students come from a wide range of educational and culturally diverse backgrounds. It is therefore vital that our assessments are broad and include choice to recognize our students' varying strengths and learning styles. We do not view any one assessment as providing a completely comprehensive picture of learning.

Both students and teachers should be actively engaged in assessing student progress as part of the development of their wider critical thinking and self-evaluation skills. For teachers, it also provides evidence in order to evaluate the efficacy of our programme.

Sample Timetable

	9:00 – 9:40	9:40 – 10:20		10:45 – 11:25	11:25 – 12:05		13:10 - 13:50	13:50 – 14:30	14:30 – 15:15
Monday	LANGUAGE	LANGUAGE	S N A C K	MATH	MATH	L U N C H	LIBRARY	GERMAN	GERMAN
Tuesday	PE	PE		GERMAN	GERMAN		UoI	UoI	UoI
Wednesday	Starts at 8.20 FRENCH	MATH		GERMAN	LANGUAGE		UoI	UoI	UoI
Thursday	LANGUAGE	LANGUAGE		LANGUAGE /MATH	MATH		IT/UoI	IT/UoI	MUSIC
Friday	Starts at 8.30 LANGUAGE	MATH		I-TIME	I-TIME		UoI	UoI	CLEAN/ GOLDEN TIME

UoI (Unit of Inquiry) includes Science, History, Geography, Social Studies and Art

Please note that both the Overview and the timetable above are subject to change at any time to adapt to learning needs and curriculum updates. The Overview does not reflect the order the units will be taught in, as this may differ and change during each school year.



Curriculum Overview

Grade 5

2018-2019

Ask, Act & Achieve

At ISZN:



Ask: We encourage all members of our community to be lifelong learners with endless curiosity and passion for discovery.



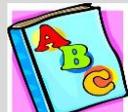
Act: We strive to inspire open-minded individuals with local and global awareness, who show mutual respect and willingness to participate towards positive change.



Achieve: We are committed to challenging ourselves and celebrating our intellectual, creative and physical successes.

ISZN Grade 5 Curriculum Overview			
PYP Themes	Who We Are	Where We Are In Place And Time	How We Express Ourselves
Description	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 our ideas, feelings, nature, beliefs and values; the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.
Key Concepts Related Concepts	Responsibility Connection Choice Decisions Independence Achievement Emotions Determination Relationship Support Process Future	Causation Perspective Consideration Explanation Motive Vision Angle Relation	Perspective Reflection Truth Subjectivity Opinion Idea Illusion
Central Idea	Life changes can be realized through goal setting and informed choices	Migration is a response to challenges, risks and opportunities	Advertising can directly and indirectly influence our opinions
Enduring Understandings	A clear, well stated goal is the foundation of good planning. Goals enable students to set a path to a new endeavor or redirect efforts on a previous path. Achieving goals requires consistent monitoring and appropriate adaptation. Setting goals in a variety of areas provides direction, target and purpose for academic results, activities and friendships.	When we move from one place to another, we face challenges, risks and opportunities, all of which have the ability to enrich and change us in our thinking and lifestyle. Migration is an opportunity to start again, but also a challenge when we are forced to migrate.	To realize that advertisements are there to influence us to buy a product and that there are often many tricks used to make things look better.
Lines of Inquiry	<ul style="list-style-type: none"> Understanding the importance of goal setting and the process to follow. Understanding our responsibilities. Ways to reach our academic, social/behavior and personal goals. Students also inquire into the three goals they set for themselves	<ul style="list-style-type: none"> Personal migration and their risks/ challenges and opportunities. Characteristics that motivate and prevent migration and immigration. How the movement of people and their belongings can affect the environment. 	<ul style="list-style-type: none"> The use of persuasive language How the use of sound and images can be persuasive The impact of advertising on our daily lives The connection between audience (target group) and design
Learner Profile Attributes	Principled Reflective Caring	Risk-taker, Open-minded and Student Chosen	Communicator Inquirer Balanced
PYP Attitudes	Commitment Enthusiasm Integrity	Empathy, Respect, Tolerance and Student Chosen	Creativity Cooperation Appreciation
Transdisciplinary Skills	Safety Healthy lifestyle Informed Choices Fine Motor Skills Gross Motor Skills	Comprehension Synthesis Dialectical Thought Non-verbal Communication Resolving Conflict Adopting a Variety of Group Roles Spatial Awareness	Speaking Viewing Collecting, Recording, Organizing and Interpreting Data Organization Codes of Behaviour
Ongoing Skills focused upon throughout the year: Analysis, Reading, Presenting, Cooperating, Group Decision Making, Formulating Questions and Time Management			
Mathematics	Stand-alone lessons – as listed below Key Conceptual Understandings: <ul style="list-style-type: none"> Fractions, decimal fractions and percentages are ways of representing whole-part relationships. For fractional and decimal computation, the ideas developed for whole-number computation can apply. 	Measurement: distance, area, perimeter and coordinates Key Conceptual Understandings: <ul style="list-style-type: none"> Accuracy of measurements depends on the situation and the precision of the tool. Conversion of units and measurements allows us to make sense of the world. A range of procedures exists to measure different attributes of objects and events. 	Fractions, Data Handling and Percentages Key Conceptual Understandings: <ul style="list-style-type: none"> Data can be presented effectively for valid interpretation and communication. The base 10 place value system extends infinitely in two directions. Exponential notation is a powerful way to express repeated products of the same number.
	Stand-alone Number lessons: <ul style="list-style-type: none"> Division: whole numbers and decimals by 10/100 Multiplication: whole numbers and decimals by 10/100 Double and Halving Addition and Subtraction: 4 and 5 digit and decimal numbers 	<ul style="list-style-type: none"> Factors and Properties of Prime Numbers Positive and Negative numbers Long Division, including remainders 	
Language	Comprehension Skills Key Conceptual Understandings: <ul style="list-style-type: none"> Stories that people want to read are built around themes to which they can all make connections. Effective stories have purpose and structure that help to make the author's intention clear. Synthesizing information from visual texts is dependent upon personal interpretation and leads to new understanding. 	Comprehension, Autobiographies and Discussions Key Conceptual Understandings: <ul style="list-style-type: none"> Authors structure stories around significant themes. Effective stories have a structure, purpose and sequence of events (plot) that help to make the author's intention clear. Synthesizing ideas enables us to build on what we know, reflect on different perspectives, and express new ideas. Through the process of planning, drafting, editing and revising, our writing improves over time. 	Persuasive Language and Advertising Techniques Key Conceptual Understandings: <ul style="list-style-type: none"> Spoken language can be used to persuade and influence people. Metaphorical language creates strong visual images in our imagination. Listeners identify key ideas in spoken language and synthesize them to create their own understanding. The aim of commercial media is to influence and persuade viewers. Individuals respond differently to visual texts, according to their previous experiences, preferences and perspectives.
	Ongoing Understandings focused upon throughout the year: <ul style="list-style-type: none"> To enhance learning we need to be efficient users of the Internet Checking, rereading and correcting our own reading as we go enable us to read new and more complex texts. Knowing what we aim to achieve helps us to select useful reference material to conduct research. Synthesizing ideas from texts leads to new ideas and understanding. 		
Stand-alone English language lessons: Grammar, Spelling, Reading, Presentation skills and Summarizing (using bullet points)			
ICT	Research Skills and Word Documents Key Skill: <ul style="list-style-type: none"> Effective communicators contribute cross-cultural understanding, make informed choices when deciding on tools to articulate meaning, provide relevant, significant feedbacks to others. 	Research Skills and Word Documents Key Skill: <ul style="list-style-type: none"> Learners construct meaning, apply critical thinking and original ideas to real-world situations, and share knowledge through self-expression, problem-posing and problem posing, and reflection. 	Research Skills and Word Documents Key Skill: <ul style="list-style-type: none"> Learners are empowered through digital media and environments and through active participation in creating and sharing knowledge.
	Ongoing focus Skill throughout the year: In a globally connected digital world, learners are responsible for their actions, to value others' rights and to practice safe behaviours.		
Personal, Social and Physical Education	Key Conceptual Understandings: <ul style="list-style-type: none"> A person's self-worth is reinforced and reflected in engagement with and/or service to others. A strong sense of self-efficacy enhances human accomplishments and personal well-being. 	Key Conceptual Understandings: <ul style="list-style-type: none"> Coping with situations of change, challenge and adversity develops resilience. An effective group can accomplish more than a set of individuals. An individual can experience both intrinsic satisfaction and personal growth from interactions. 	Key Conceptual Understandings: <ul style="list-style-type: none"> The values, beliefs and norms of a society can impact on an individual's self-concept and self-worth. Complexity and style adds aesthetic value to a performance.
	Ongoing Understandings focused upon throughout the year: <ul style="list-style-type: none"> The physical changes people experience at different stages in their lives affect their evolving identities. There is a connection between exercise, nutrition and physical well-being. Identifying and participating in activities we enjoy can motivate us to maintain a healthy lifestyle. Understanding our limits and using moderation are strategies for maintain a safe healthy lifestyle. There are physical, social and emotional changes associated with puberty. 		

ISZN Grade 5 Curriculum Overview

PYP Themes	How The World Works	How We Organize Ourselves	Sharing The Planet
Description	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 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.
Key Concepts Related Concepts	Change Connection Function Transformation Adaption Relationships Systems	Form Change Choice Growth Ownership	Function Responsibility Role Systems Rights Initiative
Central Idea	Inventions can change the world	Exhibition: Currently being created....	Organizations can unite people with different perspectives
Enduring Understandings	Inventions enable us move on in the world. Inventions can be good or bad.	Collaborative created at the time of Exhibition	Each country has the responsibility to enact the resolutions made by the United Nations.
Lines of Inquiry	<ul style="list-style-type: none"> The reasons for inventions The specific contributions of inventors in history The ways in which inventions shape society 	Collaborative created at the time of Exhibition	<ul style="list-style-type: none"> The United Nations (UN) Organization How the UN works The responsibility of the UN and its participants.
Learner Profile Attributes	Knowledgeable, Thinker and Student Chosen	Chosen by group	Chosen by Student Delegate Pairs
PYP Attitudes	Curiosity, Independence, Confidence and Student Chosen	Chosen by group	Chosen by Student Delegate Pairs
Transdisciplinary Skills	<ul style="list-style-type: none"> Acquisition of Knowledge Application Evaluation Planning Presenting Research Findings 	<p>As part of the EXHIBITION, the student groups will carefully assess and decided the Learner Profile Attributes, PYP Attitudes and Transdisciplinary Skills to focus upon in order to complete their inquiries successfully.</p> <p>The overall assessment of the EXHIBITION involves each individual student showing both an awareness of and an ability to demonstrate, all of the articulated elements of the PYP.</p>	<ul style="list-style-type: none"> Metacognition Listening Writing Accepting Responsibility Respecting Others Observing
Ongoing Skills focused upon throughout the year: Analysis, Reading, Presenting, Cooperating, Group Decision Making, Formulating Questions and Time Management			
Mathematics 	Revision Key Conceptual Understandings: <ul style="list-style-type: none"> Range, mode, median and mean can be used to analyze statistical data. Probability can be represented on a scale between 0-1 or 0-100% The probability of an event can be predicted theoretically. Ratios are a comparison of two number quantities. 	Revision Key Conceptual Understanding: <ul style="list-style-type: none"> Patterns can often be generalized using algebraic expressions, equations or functions. 	Stand-alone lessons – as listed below Key Conceptual Understandings: <ul style="list-style-type: none"> Manipulation of shape and space takes place for a particular purpose. Consolidating what we know of geometric concepts allows us to make sense of and interact with our world. Geometric tools and methods can be used to solve problems relating to shape and space.
	Stand-alone lessons for Shape, Data Handling and Measurement: <ul style="list-style-type: none"> Calculate Area and Perimeter of Irregular Shapes Calculate Area of Triangles Measure, calculate and describe angles 		<ul style="list-style-type: none"> Identify and list properties of 2D/3D Shapes Mean, Mode, Median
Language 	Comprehension: Writing a manual, Interviews and Fact and Opinions Key Conceptual Understandings: <ul style="list-style-type: none"> Knowing about the techniques used in visual texts, according to their previous experiences, preferences and perspectives. Identifying the main ideas in the text helps us to understand what is important. 	Interviews, Presenting and Discussions Key Conceptual Understandings: <ul style="list-style-type: none"> Synthesizing ideas enables us to build on what we know, reflect on different perspectives, and express new ideas. Thinking about the perspective of our audience helps us to communicate more effectively and appropriately. People draw on what they already know in order to infer new meaning from what they hear. Knowing what we aim to achieve helps us to plan and develop different forms of writing.	Debating and Discussions Key Conceptual Understandings: <ul style="list-style-type: none"> Taking time to reflect on what we hear and say helps us to make informed judgments and form new opinions. Reading and thinking work together to enable us to make meaning. Reading opens our minds to multiple perspectives and helps us to understand how people, think, feel and act.
	Ongoing Understandings focused upon throughout the year: <ul style="list-style-type: none"> To enhance learning we need to be efficient users of the Internet Checking, rereading and correcting our own reading as we go enable us to read new and more complex texts. Knowing what we aim to achieve helps us to select useful reference material to conduct research. Synthesizing ideas from texts leads to new ideas and understanding. 		
Stand-alone English language lessons: Grammar, Spelling, Reading, Presentation skills and Summarizing (using bullet points)			
ICT 	PowerPoint Presentations Key Skill: <ul style="list-style-type: none"> Learners make connections, transfer existing knowledge and independently explore new technologies. 	All knowledge comes together in this Exhibition unit: Researching and PowerPoint Key Skill: <ul style="list-style-type: none"> Through investigations, learners critically evaluate a variety of sources, making new connections and synthesizing findings to apply knowledge to real-life. 	Research Skills and Word Documents Key Skill: <ul style="list-style-type: none"> Becoming a responsible digital citizen involves using ICT to make informed and ethical choices, while acting with integrity and honesty.
	Ongoing Skill focused upon throughout the year: In a globally connected digital world, learners are responsible for their actions, to value others' rights and to practice safe behaviours.		
Personal, Social and Physical Education 	Key Conceptual Understandings: <ul style="list-style-type: none"> Appropriate application of skills is vital to effective performance. Individuals can extend and challenge their current understanding by engaging with the ideas and perspectives of others. People are interdependent with, and have a custodial responsibility towards the environment. 	Key Conceptual Understandings: <ul style="list-style-type: none"> Being emotionally aware helps us to manage relationships and support each other. Setting personal goals and developing plans to achieve these goals can enhance performance. 	Key Conceptual Understandings: <ul style="list-style-type: none"> Many different and conflicting cultures influence identity formation. Stereotyping or prejudging can lead to misconceptions and conflict.
	Ongoing Understandings focused upon throughout the year: <ul style="list-style-type: none"> The physical changes people experience at different stages in their lives affect their evolving identities. There is a connection between exercise, nutrition and physical well-being. Identifying and participating in activities we enjoy can motivate us to maintain a healthy lifestyle. Understanding our limits and using moderation are strategies for maintain a safe healthy lifestyle. There are physical, social and emotional changes associated with puberty. 		

