国际学校 Shekou International School

Primary School Programme of Inquiry 2019-2020

	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 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.
Grade 5	PYP Exhibition	An inquiry into: orientation in place and time Central Idea: Studying patterns over time often leads to well- informed conclusions. Lines of inquiry: 1. Recognizing distinguishing features 2. Predicting change using patterns 3. Generating conclusions Key Concepts: Form, Change, Connection Related Concepts: discovery, exploration, time Learner profile: Reflective, Knowledgable, Thinker An inquiry into:	An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: Being aware of our historical perspectives and biases may lead us to take responsible action. Lines of inquiry: 1. the causes and effects of historical and current inequalities 2. how varying perspectives are expressed 3. what motivates change makers to take action Key Concepts: Perspective, Responsibility, Causation Related Concepts: equality, rights & responsibilities, action, diversity, history, sterotypes, digital citizenship Learner profile: Open-minded, Caring	An inquiry into: the natural world and its laws; how humans use their understanding of scientific principles; the impact of scientific technological advances on society and on the environment Central Idea: Investigation allows for a deeper understanding of our world. Lines of inquiry: 1. The different major landforms on Earth 2. How Earth has changed over time 3. Maps of Earth's features. Key Concepts: Causation, Form, Function Related Concepts: materials, properties of matter, structure Learmer profile: Inquirers , Knowledgeable An inguiry into:	An inquiry into: the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making Central Idea: Systems may evolve from changing human experiences. Lines of inquiry: 1.The influence various governments have on societal decison-making 2. How decisions are made in different civilizations 3. The different types of human-made systems Key Concepts: Form, Function, Change, Perspective Related Concepts: cultural norms, decision-making, rules & laws Learner profile: Thinkers, Communicators	An inquiry into: the struggle to share finite resources with other people and with other living things; communities and the relationships within and between them Central Idea: Disruptions may alter the equilibrium of cycles. Lines of inquiry: 1. Matter and energy cycles to support life 2. Sustainable environments require balanced interactions 3. Global events influence the health of environments Key Concepts: Connection, Function, Causation Related Concepts: system (ecosystem), environment, energy, energy transfer (food web), matter, growth, cycle (recycle), sustainability, balance, decomposition Learner profile: Thinkers, Principled
Grade 4	beliefs and values; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures Central Idea: Our cultural backgrounds shape our beliefs, values and actions. Lines of inquiry: 1. The relationship between culture and identity 2. The beliefs and values influence each other and shape our actions 3. What defines the cultures students identify with Key Concepts: Change, Perspective, Connection Related Concepts:	An inquiry into: orientation in place and time; discoveries, explorations and migrations of humankind; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspectives Central idea: Humans migrate in response to challenges, risks and opportunities. Lines of inquiry: 1. Reasons for exploration 2. How explorations have taken place over time 3. The consequences of explorations Key Concepts: causation, change, connection Related Concepts: migration, exploration, opportunities, geography Learner profile: Open-Minded, Caring, Reflective	An inquiry into: An inquiry into the ways in which we discover and express ideasthe ways in which we reflect on, extend and enjoy our creativity Central Idea: The need for energy sparks innovation and creative problem solving. Lines of inquiry: 1. How energy is transformed into different forms 2. People's need for energy affects the environment in multiple ways 3. Innovative action can help conserve the Earth's resources Key Concepts: change, responsibility, causation Related Concepts: energy transfer, design process, innovation, action Learner profile: Thinker, Reflective, Open-minded	An inquiry into: the natural world and its laws; the impact of scientific technological advances on society and on the environment Central Idea: Patterns in nature determine the Earth's physical features. Lines of inquiry: 1. The different major landforms on Earth 2. How Earth has changed over time 3. Maps of Earth's features. Key Concepts: Causation, Form, Function Related Concepts: landforms, weathering, patterns, design cycle, topography Learner profile: Knowledgable, Thinker, Communicator	An inquiry into: societal decision-making; economic activities and their impact on humankind and the environment Central Idea: Economies rely on resources and choices to sustain societies. Lines of inquiry: 1. The availability of resources influences the economy 2. Economies connect people and societies 3. People regulate economies Key Concepts: Function, Connection, Responsibility Related Concepts: resources, economy, regulation Learner profile: Thinkers, Principled, Reflective	An inquiry into: rights and responsibilities in the struggle to share finite resources with other people and other living things Central Idea: Living things process and respond to information in different ways for survival. Lines of inquiry: 1. Structures of living things 2. Systems sense, process, and respond 3. Adaptation and survival Key Concepts: Causation, Function, Form Related Concepts: cause & effect, structures, functions, survival Learner profile: Knowledgable, Communicator
Grade 3	the nature of the self; beliefs and values; human relationships including families, friends, communities, and cultures; rights and responsibilities; what it means to be human. Central Idea: Communities create and share diverse cultural experiences and stories. Lines of inquiry: 1. Family stories from the past 2. Sharing cultural experiences 3. How might differences connect us Key Concepts: Connection, Perspective, Responsibility Related Concepts: Song stories, Folktales Learner profile: Communicators, Open-minded, Caring	An inquiry into: orientation in place and time; the discoveries, explorations and migrations of humankind; the relationship between and the interconnectedness of individuals and civilizations, from local and global Central Idea: We adapt to the climate we live in. Lines of inquiry: 1. Difference between weather and climate 2. Types of climates 3. How people are affected by natural hazards Key Concepts: Form, Causation Related Concepts: past and present, weather, seasons, patterns, geography Learner profile: Inquirers, Knowledgeable, Communicator	which we reflect on, extend and enjoy our creativity Central Idea: Mini Exhibition An inquiry process helps us explore our interests to share with others. Lines of inquiry: 1. There are diverse ways of self-expression 2. An inquiry process supports our exploration 3. Many strategies can help represent and enhance meaning Key Concepts: Connection, Perspective, Form Related Concepts: passion & interests, SDGs, inquiry cycle Learner profile: Communicator, Risk-Taker, Open-minded	An inquiry into: natural world and its laws; the interaction between the natural world (physical and biological) and human societies Central Idea: Scientists and engineers plan investigations to understand the forces and interactions in the world. Lines of inquiry: 1. The qualities of a scientist and an engineer 2. Balanced and unbalanced forces 3. The observable and measurable patterns Key Concepts: Form, Function, Causation Related Concepts: forces & motion, investigations, patterns Learner profile: Inquirers, Knowledgeable, Thinkers, Reflective	Central Idea: People can collaborate to organize society. Lines of inquiry: 1. Rights and responsibilities of people in a community 2. How organized communities function 3. Decision making Key Concepts: Causation, Function, Responsibility Related Concepts: responsibility, children's rights, justice & equity, decision making Learner profile: Communicators, Risk-Takers, Reflective	An inquiry into: communities and the relationship within and between them; access to equal opportunities Central Idea: Organisms adapt to their environment in order to survive. Lines of inquiry: 1. How organisms survive 2. Life cycles and traits 3. Environmental change Key Concepts: Form, Change, Connection, Responsibility Related Concepts: habitats, adaptations, survival Learner profile: Knowledgeable, Thinkers, Principled, Reflective
Grade 2	An inquiry into: the nature of the self; human relationships including families, friends, communities, and cultures; rights and responsibilities Central Idea: Citizens understand who they are and what they do to contribute to their communities. Lines of inquiry: 1. Roles and responsibilities of the community 2. How citizens contribute to their communities 3. Different communities Key Concepts: Connection, Responsibility Related Concepts: personal communities, beliefs & culture, responsibilities Learner profile: Communicators, Principled, Caring An inquiry into:	People from the past have shaped the present. Lines of inquiry: 1. How life has changed over time 2. influential events 3. How we infuence events Key Concepts: Causation, Change, Connection Related Concepts: interconnectedness, perspective, time, migration, opportunities Learner profile: Inquirers, Reflective, Open-minded	An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: Value is determined in different ways and involves decision making. Lines of inquiry: 1. How value is determined 2. The outcome of our choices 3. The role of economic institutions Key Concepts: Perspective, Causation, Function Related Concepts: value, choice, contribution Learner profile: Reflective, Principled, Balanced An inquiry into:	An inquiry into: the natural world and its laws; the interaction between the natural world (physical and biological) and human societies Central Idea: People are knowledgeable about Earth's changes, and use solutions to adapt. Lines of inquiry: 1. Different ways Earth changes 2. Landforms & bodies of water 3. Constructing and using maps Key Concepts: Form, Change, Causation Related Concepts: time, natural vs man-made, process, solution Learner profile: Inquirer, Communicator	method, properties Learner profile: Inquirer, Thinker	An inquiry into: rights and responsibilities in the struggle to share finite resources with other people and other living things; communities and the relationshio within and between them Central Idea: All living things are connected and need each other to survive. Lines of inquiry: 1. Importance of biodiversity in different ecosystems 2. How plants provide energy 3. How energy transfers between living things Key Concepts: Form, Connection, Causation Related Concepts: habitats, survival, pollination Learner profile: Thinker, Risk-Taker, Knowledgeable An inquiry into:
	An inquiry into: personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities Year-long unit Central Idea: An understanding of personal and social skills contributes to success in learning.	An inquiry into: orientation in place and time; the relationships between and the interconnectedness of individuals and civilizations, from local and global perspective Year-long unit Central Idea: Humans observe patterns in nature in order to thrive in the environment.	An inquiry into: we discover and express ideasthe ways in which we reflect an, extend and enjoy our creativity Central Idea: Interest and passion can lead to growing knowledge and self-awareness. Lines of inquiry:	An inquiry into: the natural world and its laws; how humans use their understanding of scientific principles Central Idea: People use their understanding of scientific principles to communicate. Lines of inquiry:	An inquiry into: the interconnectedness of human-made systems and communities Central Idea: Goods and services allow people to satisfy their needs and wants. Lines of inquiry:	An inquiry into: communities and the relationship within and between them Central Idea: Living things use their natural structures to grow and survive. Lines of inquiry:

	contributes to success in learning.	the environment.	Lines of inquiry:	Lines of inquiry:	Lines of inquiry:	Lines of inquiry:
			1. Taking risks to explore interests	 Sound can be produced in different ways. 	 Local resources depend on geography. 	1. The fuction of structures of living things.
	Lines of inquiry:	Lines of inquiry:	Different ways to express creativity	2. Light has properties that we can observe and describe.	2. Organizations/ Institutions provide goods and services	2. Different organisms have similarities and
	1. Noticing and naming our own and others' feelings	1. Patterns in the sky	3. How knowledge develops through perseverance	We use tools and materials to communicate.	for the community.	differences.
Grade 1	1 2. Learning skills	2. Changes in weather and seasons			3. Where you live affects what goods and services can be	3. Some human inventions mimic plant and animal
	3. Strategies for problem-solving with others	3. Seasonal celebtrations	Key Concepts:	Key Concepts:	provided.	structures.
			Perspective, Responsibility	Form, Function, Causation		
	Key Concepts:	Key Concepts:			Key Concepts:	Key Concepts:
	Responsibility, Reflection, Perspective	Change, Form, Connection	Related Concepts:	Related Concepts:	Form. Connection, Perspective	Form, Function, Causation
			c ollaboration, communication, commitment	light, sound, communication, waves, vibration		
	Related Concepts:	Related Concepts:			Related Concepts:	Related Concepts:
	compassion & empathy, social problem-solving skills,	Patterns, Time, Cycles	Learner profile:	Learner profile:	environment, resources, economy	plants, life cycles, offspring, resemblance
	friendships		Open-minded, Risk-taker, Reflective	Inquirers, Communicators		
		Learner profile:			Learner profile:	Learner profile:
	Learner profile:	Inquirer, Knowledgeable			Knowledgeable, Thinkers	Inquirers, Thinkers, Communicators
	Principled, Caring, Balanced					

KG	An inquiry into: the nature of the self; personal, physical, mental, social and spiritual health; human relationships including families, friends, communities, what it means to be human. Year-long unit Central Idea: Building awareness of self and others promotes growth, wellbeing, and a sense of community. Lines of inquiry: 1. Recognizing and expressing emotions 2. How to build empathy 3. Recognizing differences between us 4. Accepting ourselves and others Key Concepts: Connection, Reflection, Responsibility, Perspective Related Concepts: Feelings/emotions, community, decision-making, health & safety, communication Learner profile: Open-minded, Caring, Balanced, Reflective	An inquiry into: orientation in place and time; discoveries, explorations of humankind Central Idea: Artifacts help us ask questions about the past. Lines of inquiry: 1. Using different resources explore the past 2. Making generalizations about the past 3. Asking questions Key Concepts: Reflection, Perspective, Connection Related Concepts: artifacts, questioning, research tools, the past, sculptures, 2D-3D shapes Learner profile: Inquirer, Risk-taker, Reflective, Knowledgeable	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. Year-long unit Central Idea: We communicate and express ourselves in different ways. Lines of inquiry: 1. Different ways to express ideas 2. Functions of signs and symbols 3. Different perspective in stories 4. How we communicate with others Key Concepts: Form, Function, Connection, Perspective Related Concepts: story-telling, characters, points of view, symbols Learner profile: Communicators, Risk-takers, Reflective	An inquiry into: the natural world and its laws; the interaction between the natural world and human societies; how humans use their understanding of scientific principles Central Idea: Investigations allow people to problem solve and come to new understandings. Lines of inquiry: 1. How we explore and investigate 2. What we discover through our investigations 3. A design process can help us problem solve Key Concepts: Form, Causation, Change Related Concepts: story-telling, characters, points of view, symbols Learner profile: Inquirer, Thinker, Knowledgeable	Not required at this stage	An inquiry into: the struggle to share finite resources with other people and other living things Central Idea: Living things affect the environment in different ways. Lines of inquiry: 1. Living things have needs to live and grow. 2. The relationship between living things and the environment 3. We have responsibilities to care for our environment. Key Concepts: Change, Causation, Responsibility Related Concepts: choice, environment, cause and effect, needs, changes, empathy Learner profile: Principled, Caring, Reflective
units PK1	An inquiry into: gersonal, physical, mental, social and spiritual health; human relationships including families, friends, communities, and cultures; rights and responsibilities Central Idea: Healthy relationships create nurturing communities. Lines of inquiry: 1. Carrying out daily routines with increasing independence 2. How our communities provide safe and caring g environments 3. Building healthy relationships at school Key Concepts: Form, Causation, Responsibility Related Concepts: Triendships, wwnership, family members, identity, ommunities, culture Learner profile: Thinkers, Communicators, Principled, Caring, <i>axies,</i> An inquiry into: the nature of the self; human relationships including families, friends, communities, and cultures; rights and responsibilities Central Idea: g 3. Different parts of the school community Key Concepts: Connection, Responsibility Related Concepts: firendships, culture Learner profile: Thinkers, Communicators, Principled, Caring, <i>axies,</i> An inquiry into: the nature of the self; human relationships including families, friends, communities, and cultures; rights and responsibilities Central Idea: g 3. Different parts of the school community Key Concepts: family relationships, safety, classroom agreements, school life & routines, inclusitivity Learner profile:	Not required at this stage	An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: People use language to express their ideas, experiences, and culture. Lines of inquiry: 1. Different art forms convey meaning. 2. Stories tell us about the real and imagined worlds. 3. Culture is expressed in different forms. Key Concepts: Function, Connection, Perspective Related Concepts: language, communication, storytelling, cultures Learner profile: Communicators, Inquirers, Open-minded An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: Ideas can be expressed in different ways. Lines of inquiry: 1. We can represent our ideas in creative ways. 2. Stories exposes us to our own and other's cultures. 3. Play promotes reciprocal interaction. Key Concepts: Perspective, Connection, Form Related Concepts: Creating stories, imaginative play, art making, story-telling, visible thinking Learner profile: Communicators, Inquirers, Risk-Taker, Reflective, Open minded	An inquiry into: the natural world and its laws; how humans use their understanding of scientific principles Central Idea: Exploration leads to knowing more about the world. Lines of inquiry: 1. Our experiences connect us to the wider world. 2. Curiosity leads us to explore. 3. We can use different strategies to make our thinking visible. Key Concepts: Form. Connection, Change Related Concepts: exploration, designing, visible thinking, schedules & routines, theorizing Learner profile: Knowledgable, Inquirers, Risk-takers An inquiry into: the natural world and its laws Central Idea: Curiosity sparks interest in our environment. Lines of inquiry: 1. Our senses guide our exploration. 2. Materials behave in different ways. 3. We take risks to problem solve. Key Concepts: Form, Causation, Reflection Related Concepts: Form, Causation, Reflection Related Concepts: Inquirers, Communicators	Not required at this stage	An inquiry into: rights and responsibilities in the struggle to share finite resources with other people and with other living things Central Idea: Resource sharing in learning spaces cultivates a sense of community and equity. Lines of inquiry: 1. Taking part in the care for the learning community 2. Understanding how one's choices affect others 3. Developing sense of their worlds by generating and testing working theories Key Concepts: Responsibility, Causation, Function Related Concepts: community, empathy, responsibility Learner profile: Principled, Balanced, Thinkers, Caring Morking together requires sharing and problem solving. Lines of inquiry: 1. Everyone has a voice. 2. Everyone contributes towards common goals. Key Concepts: Responsibility Related Concepts: Central Idea: Working together requires sharing and problem solving. Lines of inquiry: 1. Everyone has a voice. 3. Everyone contributes towards common goals. Key Concepts: Responsibility Related Concepts: goal-setting, collaboration, communication Learner profile: Caring, Communicator, Open-Minded
Nursery Year-lon units	Principled, Caring, Balanced An inquiry into:the nature of the self; human relationships including families, friends, communities, and cultures; rights and responsibilities Central Idea: A caring and secure environment helps learners understand who they are in a community. Lines of inquiry: 1. We are part of different communities. 2. Our daily routines help us keep healthy and safe. 3. Our communities provide safe and caring g environments. Key Concepts: Reflection, Connection, Responsibility Related Concepts: learning spaces, classroom community, family, felationships, social norms Learner profile: Inquirers, Knowledgeable, Communicators, Principled, Caring, Balanced	Not required at this stage	An inquiry into: the ways in which we discover and express ideas, feelings, nature, culture, beliefs and values Central Idea: Learners express themselves through play. Lines of inquiry: 1. We communicate in different ways. 2. Play brings out a variety of emotions. 3. Recognizing patterns help in language development. Key Concepts: Perspective, Function, Form Related Concepts: music, verbal and non-verbal language, communication empathy Learner profile: Inquirer, Communicator, Caring, Reflective	An inquiry into: the natural world and its laws Central Idea: Curiosity sparks interest in our environment. Lines of inquiry: 1. Our senses guide our exploration. 2. Materials behave in different ways. 3. We take risks to problem solve. Key Concepts: Form, Causation, Reflection Related Concepts: senses, properties of materials, perseverance Learner profile: Inquirer, Risk-Takers, Knowledgeable, Open-minded, Thinkers	Not required at this stage	Not required at this stage

*Units are based upon previous year's units and are subject to change