

International School of Bogor 2009-2010 Yearly Overview of PYP Units of Inquiry

	1	2	3	4	5	6	7	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11	1	2	3	4	5	6	7	8	9	10	11
	Term 1							Term 2											Term 3										Term 4											
E L C 1	Who we are							How we organize ourselves											How we express ourselves										How the World Works											
	<p>PSPE (interaction with others/self concept), Social Studies (continuity through change & time), Science (living things)</p> <p style="text-align: center;"><u>Everybody has a body</u></p> <ul style="list-style-type: none"> Parts of my body What my body does Taking care of my body <p>Concepts: Form, function, responsibility Caring, principled Respect, commitment</p>							<p>Social Studies (social organization & culture), PSPE (Interaction with others)</p> <p style="text-align: center;"><u>School is a place for children to learn</u></p> <ul style="list-style-type: none"> My school What I learn at school <p>Form, function, reflection Risk taker, balanced Curiosity, appreciation</p>											<p>Language, Social Studies (social organization & culture)</p> <p style="text-align: center;"><u>We can sing and make music with our bodies</u></p> <ul style="list-style-type: none"> Different sounds we can make How music makes us feel <p>Function, connection, perspective Communicator, thinker Enthusiasm, creativity</p>										<p>Science (Material And Matter; Forces and Energy)</p> <p style="text-align: center;"><u>There are hot and cold things in our world</u></p> <ul style="list-style-type: none"> Some things and places are hot Some things and places are cold Things can change temperature <p>Form, causation, change Inquirer, knowledgeable Cooperation, confidence</p>											
E L C 2 & 3	Who we are							How the World Works											How we express ourselves										Sharing the planet											
	<p>PSPE (interaction with others/self concept), Social Studies (continuity through change & time), Science (living things)</p> <p style="text-align: center;"><u>Every day I learn about myself and all the things I can do</u></p> <ul style="list-style-type: none"> I am unique My family is special to me Taking care of myself <p>Form, reflection, responsibility Caring, balanced, reflective Appreciation, independence, respect</p>							<p>Science (Material And Matter; Forces and Energy)</p> <p style="text-align: center;"><u>Objects have features that made them useful</u></p> <ul style="list-style-type: none"> How we decide what things are for Why things are made the way they are Materials and how they work <p>Form, connection, change Inquirer, knowledgeable, thinker Curiosity, creativity, cooperation</p>											<p>Language, Social Studies (social organization & culture)</p> <p style="text-align: center;"><u>Nursery rhymes play an important role in our world</u></p> <ul style="list-style-type: none"> Our favorite nursery rhymes Exploring the traditional nursery rhymes Sharing nursery rhymes from around the world <p>Form, function, perspective Communicators, open-minded, Inquirer Appreciation, confidence, enthusiasm</p>										<p>Science (living things), PSPE</p> <p style="text-align: center;"><u>It is important to learn how to care for our animals</u></p> <ul style="list-style-type: none"> Animals that humans can keep The care animals need The people who look after animals <p>Reflection, causation, perspective Respect, curiosity Caring, principled, thinker</p>											

R e c e p t i o n	<p>Who we are</p> <p>PSPE (interaction with others, self concept), Social Studies (social organization & culture, continuity & change through time), Science (living things)</p> <p>Our personal history affects who we are now</p> <ul style="list-style-type: none"> • Significant events in our lives • Evidence of our personal histories • Similarities & differences between our personal histories <p>Form, change, reflection Inquirer, thinker, communicator Appreciation, confidence, cooperation</p>	<p>How we organize ourselves</p> <p>Social Studies (social organization & culture), PSPE (Interaction with others)</p> <p>The systems of our school make it a community</p> <ul style="list-style-type: none"> • The different roles of the people in our school • How our school is organized • Our school community <p>Function, causation, connection Inquirer, knowledgeable, reflective Curious, creative, empathetic</p>	<p>How the world works</p> <p>Science (forces & energy, material & matter, earth & space)</p> <p>The uses of heat in our daily lives</p> <ul style="list-style-type: none"> • The different forms of heat • How heat changes food • The most effective sources of heating used <p>Form, function, change Knowledgeable, inquirer, thinker Curious, appreciation, responsibility</p>	<p>Where we are in time & place</p> <p>Social Studies (human systems & economic activities, social organization & culture, continuity & change through time)</p> <p>People travel in different ways for different reasons</p> <ul style="list-style-type: none"> • Why people travel • How people travel • How travel has changed <p>Change, connection, reflection Risk taker, reflective, open minded Tolerant, curious, respectful</p>	<p>How we express ourselves</p> <p>Music, Social Studies (social organization and culture, continuity and change through time)</p> <p>We can express ourselves through making music and by responding to music</p> <ul style="list-style-type: none"> • The emotiveness of music • Responding to music through the arts and language • Elements of performing <p>Causation, connection, perspective Open minded, risk takers, communicator Appreciate, enthusiastic, respectful</p>	<p>Sharing the planet</p> <p>Science (earth & space), Social Studies (resources & the environment)</p> <p>Reuse and recycling reduces waste</p> <ul style="list-style-type: none"> • Items that can be reused and recycled • Impacts of natural waste on the natural world • Raising awareness about waste <p>Causation, perspective, responsibility Principled, perspective, caring Commitment, independence, responsibility</p>
	<p>How we organize ourselves</p> <p>Social Studies (social organization & culture, human system & economic activities, continuity & change through time)</p> <p>Rules keep us safe and organized</p> <ul style="list-style-type: none"> • Rules for times and places • How rules work? • Rules help us to stay safe <p>Perspective, function, responsibility Principled, thinker, reflective Respect, commitment, integrity</p>	<p>Where we are in time & place</p> <p>Social studies (social organization & culture), PSPE (interaction with others)</p> <p>Different types of communities exist in our world</p> <ul style="list-style-type: none"> • The characteristics of a community • The communities that exist in our area • The customs and culture of communities are unique <p>Causation, change, reflection Open minded, communicator, caring Appreciation, tolerance, cooperation</p>	<p>How the world works</p> <p>Science (forces & energy, material & matter)</p> <p>Light is important for many different reasons</p> <ul style="list-style-type: none"> • The different sources of light • How light affects living things • The relationship between light and color <p>Form, causation, connection Inquirer, knowledgeable, thinker Independence, appreciation, creativity</p>	<p>Who we are</p> <p>PSPE (health & safety), Science (living things)</p> <p>Food affects our health</p> <ul style="list-style-type: none"> • The importance of healthy eating • The effect food can have on our bodies • The healthy eating pyramid <p>Causation, connection, responsibility Balanced, reflective, principled Commitment, independence, respect</p>	<p>How we express ourselves</p> <p>Social studies (social organization & culture, human systems & economic activities)</p> <p>Writing is a form of communication</p> <ul style="list-style-type: none"> • Why we write • The various forms of written communication • How written communication has changed over time <p>Form, function, change Thinker, risk-taker, communicator Creativity, independence, enthusiasm</p>	<p>Sharing the planet</p> <p>Science (living things), Social Studies (resources & the environment)</p> <p>There are relationships between creepy crawlies and humankind</p> <ul style="list-style-type: none"> • Beneficial and harmful relationships between creepy crawlies and humans • The work creepy crawlies do in our environment • Responsibilities of humankind towards creepy crawlies <p>Form, function, perspective Caring, inquirer Respect, appreciation, empathy</p>
G r a d e 1 & 2						

<p style="text-align: center;">G r a d e 3 & 4</p>	<p style="text-align: center;">Where are we in time & place</p> <p>Social Studies (continuity & change through time), Science (material & matter)</p> <p><u>Innovations and inventions make our life easier</u></p> <ul style="list-style-type: none"> Innovations and inventions we use in our everyday lives Inspirations behind inventions Significant inventions and their effect on people over time <p>Reflection, perspective, change Risk taker, thinker, principled Creativity, commitment, integrity</p>	<p style="text-align: center;">How the world works</p> <p>Science (forces & energy, material & matter, living things), Social Studies (human & natural environments, continuity & change through time)</p> <p><u>The design of building and structures is dependent upon the environment and available materials</u></p> <ul style="list-style-type: none"> Considerations to take into account when building a structure How building impacts on the environment Indigenous architecture <p>Connection, responsibility, changes Knowledgeable, open-minded, caring Creativity, cooperation, curiosity</p>	<p style="text-align: center;">Who we are</p> <p>PSPE (interaction with others, self concept), Social Studies (social organization & culture). Science (living things)</p> <p><u>There are many different belief systems – each with their own traditions, rituals and behaviours</u></p> <ul style="list-style-type: none"> Major belief systems Common features of belief systems Different celebrations, rituals and traditions <p>Causation, change, perspective Open-minded, reflective, balanced Appreciation, tolerance, respect</p>	<p style="text-align: center;">How we organize ourselves</p> <p>Social Studies (human systems & economic activities), PSPE (interaction with others), Mathematics</p> <p><u>Market places depend on the ability to produce goods and supply services</u></p> <ul style="list-style-type: none"> Ethics of the market place Factors that influence buying and selling Marketing <p>Form, function, connection Principled, communicator, risk-taker Confidence, cooperation, enthusiasm</p>	<p style="text-align: center;">How we express ourselves</p> <p>Social Studies (Social organization & culture)</p> <p><u>Universally people express themselves through music</u></p> <ul style="list-style-type: none"> Different elements of music Musical instruments around the world Cultural ownership of music <p>Form, causation, change Communicator, risk-taker, open-minded Enthusiasm, creativity, appreciation</p>	<p style="text-align: center;">Sharing the planet</p> <p>Science (living things, earth & space), Social Studies (resources & the environment)</p> <p><u>Water is essential to life and is a limited resource for many people</u></p> <ul style="list-style-type: none"> Sources of water and how it is used Distribution and availability of usable water Responsibility regarding water <p>Function, responsibility, causation Principled, reflective, caring Cooperation, respect, empathy</p>
<p style="text-align: center;">G r a d e 5 & 6</p>	<p style="text-align: center;">Who we are</p> <p>PSPE (organization for learning, interaction with others, self concept), Science (living things)</p> <p><u>Learning connects us to the world</u></p> <ul style="list-style-type: none"> Different ways we learn Theories of learning How learning has changed over time <p>Form, function, causation, change Thinker, knowledgeable, reflective Confidence, independence, creativity</p>	<p style="text-align: center;">How we organize ourselves</p> <p>Social Studies (human systems & economic activities), Mathematics, Language, PSPE (interaction with others)</p> <p><u>Planning a journey requires a range of skills</u></p> <ul style="list-style-type: none"> The attributes that make a location appealing The procedures for booking and planning a journey Protocols that people must follow when planning a journey <p>Causation, function, responsibility Balanced, caring, open-minded Cooperation, appreciation, confidence</p>	<p style="text-align: center;">How the world works</p> <p>Science (all strands), Social Studies (resources and the environment), PSPE (interaction with others)</p> <p><u>Scientists influence our world</u></p> <ul style="list-style-type: none"> The scientific process The impact of science on society How different strands of science are connected <p>Form, function, causation, connection Inquirer, knowledgeable, communicator Commitment, curiosity, creativity</p>	<p style="text-align: center;">Where we are in time & place</p> <p>Social Studies (social organization & culture, continuity & change through time), PSPE (interaction with others, self concept)</p> <p><u>Family histories provide an insight into cultural and personal identity</u></p> <ul style="list-style-type: none"> Family ancestry Artifacts, heirlooms or rituals that have meaning in a family Similarities and differences between generations within a family <p>Change, reflection, perspective Reflective, principled, knowledgeable Respect, independence, empathy</p>	<p style="text-align: center;">How we express ourselves</p> <p>Arts, Social Studies (Social organization & culture)</p> <p><u>People use different forms of artistic expression to convey their uniqueness</u></p> <ul style="list-style-type: none"> The diverse way in which people express themselves How everyone can express their uniqueness through the arts The role of art in culture and society <p>Form, function, perspective, reflection Risk taker, inquirer, balanced Enthusiasm, commitment, creativity</p>	<p style="text-align: center;">Sharing the planet</p> <p>Science (living things, earth & space), Social Studies (resources & the environment, humans & natural environments)</p> <p><u>Ecosystems exist in a delicate balance</u></p> <ul style="list-style-type: none"> Components of an ecosystem Similarities and differences between ecosystems Events that affect the balance of an ecosystem <p>Form, Causation, Responsibility Risk-taker, Principled, Caring Cooperative, Tolerance, Integrity</p>