

PYP	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
1	<p>UNIT 1 CI: People use their senses to explore their surroundings and gather information. LOI:</p> <ul style="list-style-type: none"> ● My body and my senses (+proprioception). ● How our senses work. ● We use our senses to explore the world. <p>Key Concepts: Function Related Concepts: Identity, Materials, Senses TT Descriptor: An inquiry into the nature of the self.</p>		<p>UNIT 4 (Year Long) CI: Through play we express our feelings and ideas. LOI:</p> <ul style="list-style-type: none"> ● Making friends through play (social play- give and take, reciprocity, cooperation, and sharing) ● Manipulating materials to create things (constructive play) ● Communication and expression through fantasy (Fantasy /Role play) ● Rules and responsibilities in play (Games with rules and social constructs of play). <p>Key Concepts: Perspective and Reflection Related Concepts: Communication, Cooperation and Representation TT Descriptor: An inquiry into the ways in which we discover and express ideas, feelings.</p>	<p>UNIT 2 CI: Light and Shadows change in a variety of ways. LOI:</p> <ul style="list-style-type: none"> ● Characteristics of light and shadow ● Sources of light ● The use of light for different purposes. ● Shadows and Movements <p>Key Concepts: Form and Causation and Change Related Concepts: Movement and Light TT Descriptor: An inquiry into the natural world; the interaction between the natural world and human societies.</p>	<p>UNIT 3 CI: People play different roles in their communities. LOI:</p> <ul style="list-style-type: none"> ● What is a community. ● Our roles and responsibilities in the classroom and school. ● People in our communities who help us. ● How we respect and care for our community. <p>Key Concepts: Responsibility and Connection Related Concepts: Community TT Descriptor: An inquiry into the interconnectedness of human-made systems and communities.</p>	
<p>}} N NN NNN</p>	<p>UNIT 1 CI: We move in different ways for different reasons. LOI:</p> <ul style="list-style-type: none"> ● Body awareness and movement (gross, fine and loco-motor). ● How bodies move. ● Movement at different times and different areas. ● Communication through movement <p>Key Concepts: Reflection, Function Related Concepts: Communication, purpose, interpretation, systems TT Descriptor: Physical, mental, social and spiritual</p>	<p>UNIT 4 CI: People and animals build structures suited to their needs and location. LOI:</p> <ul style="list-style-type: none"> ● Reasons for building ● Materials and Properties ● Shapes and structures <p>Key Concepts: Form, Function, Change Related Concepts: Properties, structure, transformation. Purpose, Role TT Descriptor: Homes and global perspectives</p>	<p>UNIT 3 CI: Stories are told in a variety of ways. LOI:</p> <ul style="list-style-type: none"> ● Structure of stories ● Ways of telling and retelling stories. ● Stories show the perspective of the storyteller and the characters. <p>Key Concepts: Perspective, Form Related Concepts: Telling stories, Structure, Sequence, Subjectivity TT Descriptor: Extend and enjoy our creativity.</p>	<p>UNIT 2 CI: Liquids have unique characteristics.. LOI:</p> <ul style="list-style-type: none"> ● Characteristics of liquids ● Movement and flow ● Changes <p>Key Concepts: Form, Causation, Connection, Responsibility Related Concepts: Pattern, Causation, Systems, Responsible action TT Descriptor: Natural world and its laws.</p>		

2	health.					
3	<p>Unit 1</p> <p>CI: Our heritage makes us unique.</p> <p>LOI:</p> <ul style="list-style-type: none"> Personal and family characteristics. How our family and culture influences who we are. Similarities and differences between people. Our rights and responsibilities when interacting with ours and other cultures. <p>Key Concepts: Connection, Responsibility, Form</p> <p>Related Concepts: Identity, Culture, Family, Diversity, Heritage, Belonging, History, Locality.</p> <p>TT Descriptor: the nature of the self; beliefs and values; human relationships including families, friends, communities, and cultures; rights and responsibilities;</p>	<p>Unit 3</p> <p>CI: Places on Earth have specific features that distinguish them from one another.</p> <p>LOI:</p> <ul style="list-style-type: none"> Physical features of the earth and the traits that define them. Using tools to locate places on Earth. Differences and similarities of landforms. How ancient civilization used the landforms to their benefit. <p>Key Concepts: Form, causation</p> <p>Related Concepts: Locality, Landforms, Landscapes (view), Natural Borders, Civilization (beginning), Erosion; Geology (beginning science)</p> <p>TT Descriptor: orientation in place and time;</p>	<p>Unit 6 (Year Long)</p> <p>CI: People express themselves through different forms of art.</p> <p>LOI:</p> <ul style="list-style-type: none"> Different forms of art. Ways in which ideas and feelings are interpreted and represented. The contribution of individuals to the Arts throughout time. <p>Key Concepts: Perspective, Reflection</p> <p>Related Concepts: Landscapes, Expression, Creation, Representation.</p> <p>TT Descriptor: ways in which we discover and express ideas, feelings, nature, ;the ways in which we reflect on, extend and enjoy our creativity; our appreciation of the aesthetic.</p>	<p>Unit 4</p> <p>CI: Materials can be transformed for different purposes.</p> <p>LOI:</p> <ul style="list-style-type: none"> Differences between living and nonliving. How materials can be changed. The physical properties of materials. States of matter and how they change (through heat and cool) <p>Key Concepts: Change, Form</p> <p>Related Concepts: States of matter(into to changes in matter), properties of materials, structure uses (human geography), Natural resources</p> <p>TT Descriptor: ; the interaction between the natural world (physical and biological) ; how humans use their understanding of scientific principles;</p> <p>Trips:</p>	<p>Unit 2</p> <p>CI: Animals are organized by common characteristics.</p> <p>LOI:</p> <ul style="list-style-type: none"> How and why animals are grouped. The organisation of animal communities. The roles and responsibilities within communities. <p>Key Concepts: Function, Connection</p> <p>Related Concepts: communities, systems, organization, classification, cooperation, biodiversity</p> <p>TT Descriptor: the interconnectedness of human-made systems and communities; the structure and function of organizations;</p> <p>Trips:</p> <ul style="list-style-type: none"> Cidade das abelhas Borboletario de Osasco (check out) Aquario de SP Simba Safari (check out) 	<p>Unit 5</p> <p>CI: Plants have different needs and requirements to grow and stay healthy</p> <p>LOI:</p> <ul style="list-style-type: none"> Different types of plants Parts of the plants and their function. Needs of plants. Plants adaptation through the Seasons. <p>Key Concepts: Causation, Change</p> <p>Related Concepts: Weather, changes, growth, function, needs (of plant), patterns.</p> <p>TT Descriptor: rights and responsibilities in the struggle to share finite resources with other people and with other living things;</p> <p>Trips:</p> <ul style="list-style-type: none"> Jardim botanico (check out)
4	<p>Unit 3</p> <p>CI: People's actions impact mankind.</p> <p>LOI:</p> <ul style="list-style-type: none"> Attributes of individuals who have proven influential for the good of mankind. 	<p>Unit 5</p> <p>CI: Learning from past experiences can lead to changes.</p> <p>LOI:</p> <ul style="list-style-type: none"> Personal changes. Differences between now and 	<p>Unit 1</p> <p>CI: Celebrations and traditions reflect a culture's values</p> <p>LOI:</p> <ul style="list-style-type: none"> What are celebrations What are traditions 	<p>Unit 4</p> <p>CI: Light and sound impact our daily lives</p> <p>LOI:</p> <ul style="list-style-type: none"> Properties of light and sound Ways light and sound are experienced. How light and sound can be 	<p>Unit 6</p> <p>CI: Human-made systems create a method of understanding where we are in relation to the rest of the world.</p> <p>LOI:</p> <ul style="list-style-type: none"> Human made systems that 	<p>Unit 2</p> <p>CI: Plants and animals depend on their habitats for survival.</p> <p>LOI:</p> <ul style="list-style-type: none"> Types of plants and animals in different habitats.

	<ul style="list-style-type: none"> Significant events that changed the lives of mankind. Ways people can impact the world. Ideas and perspectives that have changed the world <p>Key Concepts: Perspective, Causation, Responsibility</p> <p>Related Concepts: Rights and Responsibilities, Beliefs, Progress, Chronology</p> <p>TT Descriptor: An inquiry into significant people and events.</p>	<p>then.</p> <ul style="list-style-type: none"> How changes impact our lives <p>Key Concepts: Causation, Connection, Reflection</p> <p>Related Concepts: Chronology, Innovation, Progress</p> <p>TT Descriptor: An inquiry into changes that have occurred to ourselves and to the world over time.</p>	<ul style="list-style-type: none"> Where celebrations and traditions come from Comparing celebrations and traditions to draw conclusions about common values <p>Key Concepts: Function, Connection, Change</p> <p>Related Concepts: Adaptation, beliefs, patterns</p> <p>TT Descriptor: An inquiry into different culture's celebrations/holidays and our they are similar and different.</p>	<p>changed.</p> <p>Key Concepts: Form, Function, Change</p> <p>Related Concepts: Structure, Transformation</p> <p>TT Descriptor: An inquiry into the properties of light and sound and how they affect us.</p>	<p>represent the world</p> <ul style="list-style-type: none"> How data and space are represented Ways to find out our place in relation to the rest of world <p>Key Concepts: Function, Causation, Perspective</p> <p>Related Concepts: Borders, Interpretation and 2D representation, Systems</p> <p>TT Descriptor: An inquiry into different maps and geography of the world.</p>	<ul style="list-style-type: none"> How habitats support plant and animal life. How animals and plants adapt to their habitat. <p>Key Concepts: Connection, Function, Causation</p> <p>Related Concepts: Survival, Interdependence, Adaptation</p> <p>TT Descriptor: Sharing the Planet An inquiry into different habitats and how they function.</p> <p>Summative: Create your own plant or animal within a habitat explaining its characteristics to match the habitat.</p>
5	<p>UNIT 1</p> <p>CI: Understanding ourselves helps us to self regulate.</p> <p>LOI:</p> <ul style="list-style-type: none"> the brain and our emotions. growth mindset strategies to deal with challenging situations <p>Key concepts: connection, causation, change.</p> <p>Related concepts: mindfulness, growth mindset, identity.</p>	<p>Unit 2</p> <p>CI: exploration has contributed to significant achievements.</p> <p>LOI:</p> <ul style="list-style-type: none"> Explorers and their achievements The expansion of empires and its consequences The use of evidence to make historical claims. Charting exploration routes <p>Key Concepts: Change, reflection, perspective</p> <p>Related Concepts: Exploration, achievement, evidence</p> <p>TT Descriptor: Orientation in place and time and the discoveries and explorations of human kind.</p>	<p>Unit 4</p> <p>CI: Arts can portray the nature of society.</p> <p>LOI:</p> <ul style="list-style-type: none"> Influential individuals within the arts. The Arts in historical time periods. How the arts in ancient civilization have influenced the present. <p>Key Concepts: Form, perspective, connection</p> <p>Related Concepts: Communication, expression, performance.</p> <p>TT Descriptor: 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.</p>	<p>Unit 3</p> <p>CI: Forces act upon nature in different ways.</p> <p>LOI:</p> <ul style="list-style-type: none"> Different forces. The causes and effects of different forces. The application of forces in our daily lives. <p>Key Concepts: Causation, form, function</p> <p>Related Concepts: Magnetism, gravity, forces</p> <p>TT Descriptor: Natural world and its laws, how humans use their understanding of scientific principles.</p>	<p>Unit 5</p> <p>CI: Studying economics may influence decisions.</p> <p>LOI:</p> <ul style="list-style-type: none"> Economic activities. Consumerism (making informed decisions) Economic Principles <p>Key Concepts: Responsibility, reflection, connection</p> <p>Related Concepts: Consumerism, goods and services, supply and demand.</p> <p>TT Descriptor: Economic activities and their impact on humankind and the environment.</p>	<p>Unit 6</p> <p>CI: environmental changes can pose dangers to living things.</p> <p>LOI:</p> <ul style="list-style-type: none"> Classification of living things. Life cycles. Environmental changes. <p>Key Concepts: Responsibility, change, form</p> <p>Related Concepts: Life cycles, classification, environmental changes.</p> <p>TT Descriptor: Rights and responsibilities in the struggle to share finite resources with other people and with other living things.</p>
6	<p>Unit 1</p> <p>CI: Culture shapes one's identity.</p> <p>LOI:</p> <ul style="list-style-type: none"> Elements of culture Understanding similarities and differences of cultures 	<p>Unit 2</p> <p>CI: Understanding earth's changes helps to interpret the past, present and future.</p> <p>LOI:</p> <ul style="list-style-type: none"> Types of rocks & how they're formed 	<p>Unit 3</p> <p>CI: The creative process helps to enact new ways of thinking</p> <p>LOI:</p> <ul style="list-style-type: none"> What a process is/ the creative process 	<p>Unit 5</p> <p>CI: Understanding electricity may lead to innovation</p> <p>LOI:</p> <ul style="list-style-type: none"> The discovery of electricity and the Impact of electrical 	<p>Unit 4</p> <p>CI: Settlements develop according to people's needs and opportunities.</p> <p>LOI:</p> <ul style="list-style-type: none"> Origins and growth of settlements 	<p>Unit 6</p> <p>CI: The actions of others can determine access to human rights.</p> <p>LOI:</p> <ul style="list-style-type: none"> Access to human rights How human rights can be met

	<ul style="list-style-type: none"> • Connection between elements and identity • Exploring how our understanding influences interactions with others <p>Key Concepts: form, perspective, connection</p> <p>Related Concepts: culture, identity, diversity</p> <p>TT Descriptor: beliefs and values</p>	<ul style="list-style-type: none"> • The ways the earth changes • How Geological evidence is interpreted over time <p>Key Concepts: Change, Causation, Reflection</p> <p>Related Concepts: geology, weathering, interpretation</p> <p>TT Descriptor: orientation in place and time</p>	<ul style="list-style-type: none"> • Growth mindset • The importance of feedback and analysis <p>Key Concepts: Function, Responsibility, Reflection</p> <p>Related Concepts: creativity, innovation,</p> <p>TT Descriptor: the ways in which we discover and express ideas; the ways in which we reflect on, extend and enjoy our creativity</p>	<p>innovation</p> <ul style="list-style-type: none"> • The properties and uses of electricity • Local and global energy sources <p>Key Concepts: function, connection, form</p> <p>Related Concepts: innovation, electricity, renewable, nonrenewable, energy sources</p> <p>TT Descriptor: the natural world and its laws; the interaction between the natural world (physical and biological) and human societies; the impact of scientific and technological advances on society and on the environment.</p>	<ul style="list-style-type: none"> • Interdependence within settlements • Impact of settlements (frontload with history of vikings and portuguese will compare with bandeirantes) <p>Key Concepts: form, function, change</p> <p>Related Concepts: settlements, impact, dependence</p> <p>TT Descriptor: the interconnectedness of human-made systems and communities; economic activities and their impact on humankind and the environment.</p>	<ul style="list-style-type: none"> • Actions that impact the access to human rights. <p>Key Concepts: Responsibility, causation, perspective</p> <p>Related Concepts: Equality, fairness, rights</p> <p>TT Descriptor: 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</p>
7	<p>Unit 2</p> <p>CI: Living organisms require balanced systems to function</p> <p>LOI:</p> <ul style="list-style-type: none"> • Human anatomy and body system • Animal and plant nutrition • Healthy and unhealthy choices <p>Key Concepts: Form, Function, Connection</p> <p>Related Concepts: systems, diet, nutrition, energy, balance, well-being, synthesis</p> <p>TT Descriptor:</p>	<p>Unit 3</p> <p>CI: Understanding earth's changes helps to interpret the past, present and future.</p> <p>LOI:</p> <ul style="list-style-type: none"> • Types of rocks & how they're formed • The ways the earth changes • How Geological evidence is interpreted over time <p>Key Concepts: Change, Causation, Reflection</p> <p>Related Concepts: geology, weathering, interpretation</p> <p>TT Descriptor: orientation in place and time</p>	<p>Unit 1</p> <p>CI: Mass media impacts and influences societies.</p> <p>LOI:</p> <ul style="list-style-type: none"> • The role of media and advertising • The influence of media on people and societies • The ethics and practices of mass media • Trends, fashions and personal identity <p>Key Concepts: Causation, Change, Perspective</p> <p>Related Concepts: Influence, communication, persuasion, aesthetics</p> <p>TT Descriptor: 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.</p>	<p>Unit 6</p> <p>CI: Materials undergo permanent and temporary changes</p> <p>LOI:</p> <ul style="list-style-type: none"> • Using the scientific method to explain a phenomenon • Chemical and physical changes of materials • Human uses for materials <p>Key Concepts: Form, Function, Change</p> <p>Related Concepts: Chemistry, observation, comparing</p> <p>TT Descriptor: 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; and the impact of scientific and technological advances on society and on the environment.</p>	<p>Unit 4</p> <p>CI: Civilisations are formed through shared beliefs and values</p> <p>LOI:</p> <ul style="list-style-type: none"> • Rise and fall of civilisations • Significance of geography on societies • Legacy of ancient civilisations <p>Key Concepts: Function, Causation, Reflection</p> <p>Related Concepts: Power, legacy, influence, organization</p> <p>TT Descriptor: An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making;</p>	<p>Unit 5</p> <p>CI: Human activity and development can have positive and negative effects on the environment</p> <p>LOI:</p> <ul style="list-style-type: none"> • Biomes around the world and their compositions • Interdependence of living things within biomes • Human impact on biodiversity <p>Key Concepts: Change, Responsibility, Form</p> <p>Related Concepts, sustainability, interdependence, ecology</p> <p>TT Descriptor: 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.</p>

8	<p>Unit 6</p> <p>CI: Knowing more about ourselves helps us cope with change and personal well-being.</p> <p>LOI:</p> <ul style="list-style-type: none"> Changes humans undergo throughout life (physical, cognitive and emotional). Puberty and the reproductive system Choices and the impact on our well-being. <p>Key Concepts: Form, Change</p> <p>Related Concepts: Maturation, Puberty, Choice, well-being</p> <p>TT Descriptor:</p>	<p>Unit 4</p> <p>CI: Some living things, including humans, evolve and adapt to their environment</p> <p>LOI:</p> <ul style="list-style-type: none"> Theories about Evolution Evidence we use to understand the past How man's developments impact civilization and the environment <p>Key Concepts: Causation, Change, Function,</p> <p>Related Concepts: adaptation, evolution, inheritance, extinction, archeology</p> <p>TT Descriptor: An inquiry into orientation in place and time; the discoveries, explorations and migrations of humankind</p>	<p>Unit 5 (Exhibition)</p> <p>CI: to be developed by students</p> <p>LOI:</p> <ul style="list-style-type: none"> <p>Key Concepts:</p> <p>Related Concepts:</p> <p>TT Descriptor:</p>	<p>Unit 1</p> <p>CI: There are different ways in which people uncover knowledge about the world around us</p> <p>LOI:</p> <ul style="list-style-type: none"> The different beliefs about Earth and outer space. How we gain knowledge about the world around us. How we can use this knowledge to understand other phenomena. Using scientific evidence to support a claim <p>Key Concepts: Form, Reflection, Connection</p> <p>Related Concepts: Culture, system, universe, evidence</p> <p>TT Descriptors: An inquiry into the natural world; the interaction between the natural world (physical and biological) and human societies; how humans use their understanding of scientific principles.</p>	<p>Unit 2</p> <p>CI: A community is impacted by the involvement of its members</p> <p>LOI:</p> <ul style="list-style-type: none"> The rights and responsibilities in the different communities we are part of. Different types of government and the interaction with its citizens. Why people take action The impact people make in their communities <p>Key Concepts: Function, Responsibility</p> <p>Related Concepts: citizenship, government, power, action</p> <p>TT Descriptor: An inquiry into the interconnectedness of human-made systems and communities; the structure and function of organizations; societal decision-making;</p>	<p>Unit 3</p> <p>CI: Human activity and development can have positive and negative effects on the environment</p> <ul style="list-style-type: none"> The different biomes and ecosystems and how they interact The impact of human action in ecosystems Our responsibility in conserving natural resources <p>Key Concepts: Form, Causation, Responsibility</p> <p>Related Concepts: Sustainability, Ecology</p> <p>TT Descriptor: 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;</p>
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