

IB PYP Curriculum Map: KG2 (2015 - 2016)

Transdisciplinary Theme	Sharing The Planet	Central Idea	People interact with and use the local environments in different ways.	Subject Integration	Science, Social Studies, Language, ICT, Library	Dates (M/D/Y)	February 21st to March 25th, 2016
Learner Profile & Attitudes	Inquirers, Thinkers, Knowledgeable, Caring, Appreciation, Commitment and Empathy	Approaches to Learning (TD Skills)	Thinking Skills (Research Skills (Observation)	Lines of Inquiry & Concepts	Key Concepts: Function, Causation, Responsibility Related Concepts: <ul style="list-style-type: none"> ● Use of the local environment ● Human impact on the environment ● Our actions influence the environment 		
Summative Assessment	Goal: We impact our environment and we can all take action to care for our environment. Role: Environmentalists, Scientists, Activists Audience: varied eg. fisherman, environmentalists, parents, school Situation: Taking Action to promote learning Summatives: Posters/ Videos,/Multi-Media/Presentation			Key Questions	<ul style="list-style-type: none"> ● Who uses the local environment? ● What do we use the desert/ city/ beach & ocean for? ● How do we affect the local environment? ● How do we share the environment with other living things? 		
Unit of Inquiry Integrated and Stand-Alone Learning Outcomes							
Literacy	Reading Reading different books about the local environments, and the creatures that live here. Writing Descriptive writing, writing about different animals that can be found in our local environments Writing recount reflections from field trips. Speaking and Listening Discussing and recording human impact on environments through science experiences conducted within the classroom. Sharing different ideas and perspectives on how local environments are used. Viewing and Presenting Writing and presenting the summative assessment Listening to stories related to the local environment (fiction and non-fiction) Making connections between text and experiences						
Math	Measurement - Use standard tools to measure mass and capacity - Compare and estimate mass and capacity Fractions -Fractions – Half and whole in real life situations Time - Understand the function of a clock - Tell time to the nearest hour						
Library	Students will be introduced to non-fiction literature and language relating to how we share both the local environment and the many different environments around the world. Students will be working on understanding how the library books are alphabetically located and understanding how authors and illustrators work together to create fiction and non-fiction literature. Students will be looking at making book choices about the environment. Library will link to the field Trip planned and discussions within lessons will be based on ideas we already have and how we can extend these ideas to help the environment. students will be completing pieces of work that reinforce their understanding of how they impact the places they live in and how others impact different parts of the planet. We will look at this through media/videos/books magazines and short documentaries.						

ICT	Students will be using a number of web resources and tools to explore different environments and how humans impact these. Students will use Voicethread to explain 'I think, I know, I wonder' about environment (beach, ocean, desert , desert, city) pictures. Students will be using the Planetarium to watch a variety of videos exploring different environments.
Music	Students will explore concepts and develop skills associated with Pitch, Rhythm, and Pulse. They will make connections that these concepts work together by exploring a variety of repertoire.
PE	In PE pupils will be participating in a unit on gymnastics. They will learn to travel, jump, roll and create a variety of shapes with their body.
Visual Arts	Focus on using the children's immediate environments to create art work – studying artists that use found objects/recyclables to create art works e.g. Louise Nevelson. Study work of environmental artists such as Andy Goldsworthy.
EAL	Recognize short vowel sounds by reading and listening to stories that highlight select words. Identify short vowel sounds to complete C-V-C words. Blend vowel-consonant sounds to make words. Discuss recounts from holidays, trips and weekends. Framing questions and answers using "I can..." and "I like..."
Incursions & Excursions	EMEG (Emirates Marine Environmental Group) , Local Clean Up, Dubai Mall Aquarium