



Summary of WWF Primary School Education Programmes and Curriculum Framework

Information Sheet		P1	P2	P3	P4	P5
Programme		<i>Freshwater and Wetland Primary School Education Programme</i>	<i>Footprint Primary School Education Programme</i>	<i>Marine Primary School Education Programme</i>	<i>Primary School Outreach Programme (STEP --- Sustainable lifestyle Target Education Programme)</i>	<i>Primary School Outreach Programme (Exhibition packs)</i>
Target	P. 1 to 3 students				✓	✓
	P. 4 to 6 students	✓	✓	✓	✓	✓
Key Tasks						
Moral and civic education		■ Contribution of individuals in the sustainable development of the Society and the environment				
Reading to learn		■ Read factsheets, web searched materials and learn different issues about wetland	■ Read the student notebooks to learn about the importance of natural resources and ecological footprint to human	■ Read factsheets, web searched materials and learn different issues about Hoi Ha Wan Marine Park and marine environment	■ Read information on website and panels to understand the causes and impacts of climate change, and learn how to practise sustainable lifestyle as a solution to ease climate change	■ Read information on panels to learn about marine life, problems and conservation issues related to the marine environment and ecosystem
Project learning		■ Can integrate with project learning related to environmental conservation, climate change, urban developmental impacts, water pollution, etc.	■ Can integrated with project learning related to biological science field, environmental protection and human impacts, etc.	■ Can integrate with project learning related to marine conservation, urban developmental impacts, water pollution, climate change and sustainable development etc.	■ Can integrate with project learning related to climate change, sustainable development, renewable resources and environmental protection etc.	■ Can integrate with project learning related to biological science, marine environment protection and human impacts, etc.
Learning Experience						
Community service						■ Suggested follow up activity such as beach clean-up
Physical & aesthetic development		■ Appreciate the beauty of the wetland of international importance	■ Appreciate the beauty and interesting features of the terrestrial and coastal communities	■ Appreciate the beauty of the underwater world of Hong Kong	■ Extension activities including environmental art classes, puppet theatre, design competition etc. encourage creativity expression	■ Drawing and colouring pages in the worksheet enhances the skills of using colours
Career-related experiences		■ The work of environmental educators and conservationists	■ The work of environmental educators, conservationist and gardeners	■ The work of environmental educators and conservationists		
Key Learning Areas						
Chinese Language Education	English Language Education	■ Learn vocabularies including names of wildlife and other biological terms	■ Learn vocabularies including names of plants, wildlife and other biological terms	■ Learn vocabularies including names of marine animals	■ Read information on website and panels on climate change and affected animals	■ Read panels about marine life and the reasons of being threatened
Personal, Social and Humanities Education		■ Interrelationship between humans and nature ■ Importance of nature conservation ■ Impacts of Climate Change on human and ecosystems	■ Interrelationship between humans and environment ■ Importance of nature conservation ■ Importance of ancient heritage conservation	■ Interrelationship between humans and the sea ■ Importance of marine conservation ■ Importance of sustainable development on marine environment	■ Interrelationship between humans and nature ■ Impacts of human activities on climate change ■ Importance of sustainable lifestyle as a solution to ease climate change	■ Interrelationship between humans and nature ■ Positive and negative impacts of human activities on marine environment
Science Education		■ Contact with different kinds of plants and animals in the nature ■ Characteristics and adaptation features of wildlife	■ Contact with different kinds of plants and animals in the nature ■ Characteristics and adaptation of plants and animals	■ Contact with different kinds of marine animals in the nature ■ Characteristics and adaptation features of marine animals	■ Understand the characteristics of animals in different habitats and their abilities to adapt to environmental changes ■ Distinguish climate, weather and seasons ■ Understand climate change, weather	■ Understand the human impact on marine life habitat destruction

				change, seasonal change and their impacts	
Arts Education	<ul style="list-style-type: none"> Use drawing to record the observed wildlife Raise awareness on the different shapes and colours in the nature 	<ul style="list-style-type: none"> Use creation of artwork to enrich students' knowledge on nature and wildlife Enhance the observation, drawing and colouring skills of students 	<ul style="list-style-type: none"> Use drawing to record the observed marine animals Use drama to illustrate the livelihood of different marine organisms Develop students' creativity and raise their awareness on the different shapes and colours of the marine organisms. 	<ul style="list-style-type: none"> Develop students' creativity through extension activities including environmental art classes, puppet theatre, design competition etc. 	<ul style="list-style-type: none"> Worksheet to develop drawing and colouring skills
Physical Education	<ul style="list-style-type: none"> Activities outside classroom provide an opportunity for physical exercises. 				
General Studies	<ul style="list-style-type: none"> The activities help to enhance students' knowledge for the environment and its sustainability, also arouse students' concern of Climate Change, and globally concerned issue. 				
Generic Skills					
Communication	<ul style="list-style-type: none"> Direct communication with education officers through questioning, answering and sharing viewpoints Present students' view in written worksheets 	<ul style="list-style-type: none"> Direct communication with educators through questioning, answering and sharing viewpoints Present students' view in written student notebooks 	<ul style="list-style-type: none"> Direct communication with education officers through questioning, answering and sharing viewpoints Present students' view in written worksheets or in scenes of the drama 	<ul style="list-style-type: none"> Extension activities such as role play, discussion, presentation etc. encourage and train students to express their opinions on environmental problems 	<ul style="list-style-type: none"> Story writing and telling encourage students to express their thoughts on marine issues to others
Critical Thinking	<ul style="list-style-type: none"> Draw logical conclusions about the importance of wetland conservation after analysing the collected data and evidence 	<ul style="list-style-type: none"> Through observing the water quality of Tolo Harbour, logical conclusions about the impact of urban development to nature will be drawn. 	<ul style="list-style-type: none"> Draw logical conclusions about the importance of marine conservation after analysing the collected data and evidence 	<ul style="list-style-type: none"> Draw logical conclusions about the impacts of human activities on climate change after analysing information and statistical data 	<ul style="list-style-type: none"> Examine the impact of the human activities towards marine life and their habitat destruction
Creativity	<ul style="list-style-type: none"> Encourage creative thinking when interpreting the collected objects from the nature 	<ul style="list-style-type: none"> Encourage creative thinking when making artwork and plot plant 	<ul style="list-style-type: none"> Encourage creative thinking when interpreting the collected objects from the marine environment Use drama to illustrate the livelihood of different marine organisms 	<ul style="list-style-type: none"> Develop students' creativity through extension activities including environmental art classes, puppet theatre, design competition etc. 	<ul style="list-style-type: none"> Make their own handicrafts or drawings with the theme of marine life after reading the panels Story writing encourage creative thinking about the future of the marine environment
Collaboration	<ul style="list-style-type: none"> Work in teams in the activities to develop collaborating skills and share ideas 				
Problem Solving	<ul style="list-style-type: none"> Explore the problems of climate change and diminishing of the habitats of wildlife 	<ul style="list-style-type: none"> Explore the issue of ecological footprint, the problems of human over-consumption of natural resources 	<ul style="list-style-type: none"> Explore the problems of marine resources depletion, destruction of marine habitats on marine lives. 	<ul style="list-style-type: none"> Explore the impacts of climate change on humans, wildlife and environment 	
Self-management	<ul style="list-style-type: none"> Observe and follow the visitors' code when visiting the nature reserve 	<ul style="list-style-type: none"> Observe and follow the visitors' code when visiting the Island House Conservation Studies Centre and nearby environment 	<ul style="list-style-type: none"> Observe and follow the visitors' code when visiting the marine park 	<ul style="list-style-type: none"> Observe and follow the activity rules when participating school talk, drama, exhibition and mass game 	
Study Skills	<ul style="list-style-type: none"> Gather information about Mai Po wetland ecology by using different senses Use field studies to discover the importance of wetland conservation 	<ul style="list-style-type: none"> Gather information about ecology of Island House by using different senses Use field studies to discover the importance of environmental conservation 	<ul style="list-style-type: none"> Gather information about Hoi Ha Wan marine ecology by using different senses Use field studies to discover the importance of marine conservation 	<ul style="list-style-type: none"> Analyse the relationship between human activities and climate change through different activities such as discussion and project learning 	<ul style="list-style-type: none"> Develop logical thinking on the relationship between human economic activities and endangered marine life

Values and Attitudes					
Respect for others	<ul style="list-style-type: none"> ■ Respect wildlife by not disturbing them and their habitats ■ Respect classmates when doing group works ■ Respect the education officer by following the instruction and visitors' code 	<ul style="list-style-type: none"> ■ Respect wildlife by not disturbing them and their habitats ■ Respect classmates when doing group works ■ Respect the educator by following the instruction and visitors' code 	<ul style="list-style-type: none"> ■ Respect marine animals by not disturbing them and their habitats ■ Respect classmates when doing group works ■ Respect the education officer by following the instruction and visitors' code 	<ul style="list-style-type: none"> ■ Learn the need to respect wildlife and their habitats ■ Respect classmates during mass game ■ Respect the teachers and education officer by following the instruction 	<ul style="list-style-type: none"> ■ Learn the need to respect marine life and the environment
Responsibility	<ul style="list-style-type: none"> ■ Complete the assigned group works ■ Take care of education tools borrowed from education officer ■ Take care / not to damage venue facilities ■ To be a responsible citizen in helping to protect the wetland environment 	<ul style="list-style-type: none"> ■ Take care / not to damage venue facilities ■ Take care /not to damage historic monuments ■ Take care of education tools borrowed from education officer ■ To be a responsible citizen in practising sustainable lifestyle and wise-use of resources 	<ul style="list-style-type: none"> ■ Complete the assigned group works ■ Take care of education tools borrowed from education officer ■ Take care / not to damage venue facilities ■ To be a responsible citizen in helping to protect the marine environment 	<ul style="list-style-type: none"> ■ Complete the assigned group works ■ Take care of educational tools borrowed from education officer ■ To be a responsible citizen in helping to ease climate change through practising sustainable lifestyle 	<ul style="list-style-type: none"> ■ To be a responsible citizen in helping to protect the marine environment
National identity	<ul style="list-style-type: none"> ■ Understand the relationship of the land use change history in Mai Po and Shenzhen ■ Observe the present rapid development in the Shenzhen / Futian area and learn the unity of both sides of the Deep Bay area in terms of ecosystem 	<ul style="list-style-type: none"> ■ Knowing different plants species sharing by Hong Kong and South China region. 			