

WWF-Hong Kong One Planet Schools Programme Overview of 2017-2018



WWF

WWF is one of the world's largest and most respected conservation organizations, with a network active in more than 100 countries. WWF-Hong Kong has been working since 1981 to deliver solutions for a living planet through its Conservation, Footprint and Education programmes.

ONE PLANET EDUCATION PROGRAMME

Empowering young people, first informing them about conservation and sustainable living, and then enabling them to take responsible decisions and actions can protect biodiversity, champion low-carbon living and prepare them for work in green jobs and the green economy.

We aim to create a new generation for conservation and sustainability advocates through fun, engagement and real life experience.



We will begin taking bookings for the 2017-2018 school year in June 2017. Information related to all of WWF-Hong Kong's One Planet Education Programmes is available on WWF-Hong Kong's website: wwf.org.hk/schools/en.

ONE PLANET - SCHOOLS

Our ambition is to mainstream ESD into Hong Kong's education system by forming School Partnerships, building and sustaining a Community of Practice, and conducting outdoor learning and outreach activities for students. During the 2017-2018 school year, WWF-Hong Kong will provide an extensive and comprehensive range of education programmes for students under our conservation practices, Water & Wetlands, Oceans, Climate & Energy, Wildlife, Biodiversity & Sustainability in Hong Kong. The content of the programmes will meet the needs of schools across Hong Kong in terms of the set curriculum and in terms of extra-curricular learning.

EDUCATION FOR SUSTAINABLE DEVELOPMENT (ESD)

"ESD empowers learners to take informed decisions and responsible actions for environmental integrity, economic viability and a just society, for present and future generations, while respecting cultural diversity."

<<UNESCO>>



BOOK ONLINE

wwf.org.hk/schools/en

ENOURY AND BOOKING HOTLINE

Phone: 2526-1011 (Press 5 after selecting the language) Email: education@wwf.org.hk



TEACHER SHARING

"Education first. We integrated WWF's Earth Hour campaign and food waste issues in our "Conservation Week" to let students know the importance of living a green life."

Mr. Tang Ka Tung Dr. Catherine F. Woo Memorial School



"We are happy to be part of the QEF Mainstreaming Sustainability into Local Primary School Curriculum Programme, with emphasis of partner schools capacity building: Over the years, WWF's staff has advised us on improving our school policies towards sustainability. We are looking forward to the sustainable procurement guidelines and to make our school a greener place!"

Ms Angela Kwok Wing Yee Chung Sing School



PARTNERSHIPS & NEW PAGES OF LEARNING

INTEGRATING STEM IN OUTDOOR LEARNING

In the coming academic year, we choose to work together with WWF-Hong Kong to develop a new programme integrating STEM with outdoor learning. This three-week long learning programme will consist of a pre-trip briefing of the Mai Po Nature Reserve by WWF staff, a guided visit in the Reserve as well as a co-teach extension session back in school for students to learn to design a bird watching hide. WWF staff's advice and teaching skills are professional and crucial in the programme hatching stage and undoubtedly the Reserve is an ideal place for students to encounter nature.

Mr. Wong Lai Ho Price Memorial Catholic Primary School





COMMUNITY OF PRACTICE FOR TEACHERS

"Teachers need support. WWF is a bridge between educators and different schools to work together for our next generation. The sharing sessions held were the catalyst, which made us learn from experienced partner schools and saved us from going an unnecessary long way in programme development."

World Cafe sharing session participating teachers









Primary 1-3		Cross Key Learning Area	ıs - General Studie	es Strand	O °		ে	<u>;;;</u> ;	α	\$
	People and Science and Technology in Commu Environment Everyday Life Citiz		Community and Citizenship	Global Understanding and the Information Era	Other Related Curriculum	No. of Participants	Fee	Date	Duration	Activity Period
	~			~		20 - 40 including 2-4 teachers	HK\$140 per student or teacher (Regular fee: HK\$240 per student or teacher)			
			~	~						
					g u	30 - 40 including 2-4 teachers	HK\$60 per student or teacher (Regular fee: HK\$100 per student or teacher)			
	~		~		• Life-wide			c holidays		Whole year
		~		~	n • Project	20 - 40 including 2-4 teachers	HK\$140 per student or teacher (Regular fee: HK\$240 per student or teacher)	Weekdays, except publi	3 Hours	
	~			~	Moral and Civic					
CONTRACTOR OF THE PARTY OF THE	~		~	~		30 - 40 including 2-4 teachers	Free for eligible schools (Cost covered by the Education Bureau) Regular fee: HK\$6,500 for a group up to 30 persons			Programme is ideally conducted in Spring, Autumn and Winter
	~	~								Only available in Summer and Autumn (between April to October)
		People and Environment People and Environment	People and Environment Science and Technology in Everyday Life Science and Technology in Everyday Life	People and Environment Science and Technology in Community and Citizenship Citizenship Community and Citizenship Citizenship	Environment Everyday Life Citizenship the Information Era	People and Environment Science and Technology in Community and Criticenship and Chicagoship an	People and Environment Science and Technology in Everythy Life Cuttreeship Cuttr	Proof and Environment Science and Technology II. Fee Contraction of Contraction	People and Ectivisment Correspondite Committee and Ectivation of Correspondite Corresp	People and Community and Coternion Coternion of Coternion

Book online at www.wwf.org.hk/schools/en

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Secondary 1 - 3		Biology			Ge	Geography			Science			Integrated Science		Liberal Studies		No. of	\$ Fee	Date	\$ Duratio	
	Organisms and Environment	Applied Ecology	Changing Climate	Oceans in Trouble	Building a Sustainable City	Global Warming	Introducing Science	Looking at Living Things	Living Things and Air	Materials of the Modern World		Hong Kong Today	Energy Technology and the Environment	Related Curriculum	Participants		Dute	Duracion		
Wetland Encounter (Mai Po Nature Reserve) Highlight: Discover more about the fascinating wetlands and appreciate the natural environment through photography. Activity format: Wildlife survey, nature photography and photo sharing.									~	~										
Secondary 1 - 6															perience		Free for eligible			
Wetland Reserve Officer (Mai Po Nature Reserve) Highlight: Experience part of the field work in the Reserve and understand the importance of wetland management. Activity format: On-site Field study, outdoor field work experience			~									~		~	• Other Lea	30 - 40 including 2-4 teachers	schools (Cost covered by Education Bureau) Regular fee: HK\$6,500 for a group up to 30 persons			
Biodiversity Discovery (Mai Po Nature Reserve) Highlight: As citizen scientists, to assist conducting diverse ecological surveys in the reserve to help monitor the unique biodiversity in Mai Po. Activity format: (Select one of the survey combinations below) Water quality + dragonflies • Insects • Large mammals + bats		~	~					~	~	~		~		~	t Learning • Life-wide Learning			s, except public holidays	4 Homs	
Marine Ranger (Hoi Ha Wan) Highlight: Take part in shoreline clean-up and reflect on the mpacts of our daily habits on the environment. Activity format: Beach exploration, marine litter surveys		~	~		~	~					~	~	~	~	National Education • Project			Weekdays, o		
Oceanographer (Hoi Ha Wan) Highlight: Experience the work of an oceanographer, to investigate the seawater properties and its relationship with organisms and further understand how human activities would affect marine biodiversity. Activity format: Measurement of seawater parameters by using different scientific equipment, plankton observation		~	~	~	~		~	~	~	~		~		~	Moral and Civic and N	20 - 40 including 2-4 teachers	HK\$140/student or teacher (Regular fee HK\$240/person)			
Seafood Watch (Hoi Ha Wan) Highlight: Carry out field studies at Sai Kung markets and observe the marine environment in Hoi Ha Wan, to investigate how to manage and conserve our fishery resources Activity format: Field study at markets, survey and interviews		~	~										~	~						

Book online at www.wwf.org.hk/schools/en

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Secondary 1 - 6	Biolog	Biology Geography					ience		Integrated Science	Lib	eral Studies	Other Related	No. of	S Fee	Date	' ■ Duration
	Organisms and Environment	Applied Cha Ecology Clir	anging Oceans in Build imate Trouble Sustaina	ng a Global ble City Warming		Looking at Living Things	Living Things and Air	Materials of the Modern World	Balance in Nature	Hong Kong Today	Energy Technology and the Environment	Curriculum	Participants			
Undiscovered Truth (Island House Conservation Studies Centre) Highlight: Take part in shoreline clean-up and reflect on the impacts of our daily habits on the environment. Activity format: Coastal area exploration, marine litter surveys		~	~ •	•		Í		~	~	~	~		30 - 40 including 2-4 teachers	HK\$60/student or teacher (Regular fee: HK\$100 per student or teacher)		
Secondary 4 – 6												perience				4 Hours
Coastal Ecologist (Hoi Ha Wan) Highlight: Investigate intertidal habitats with scientific methods in marine park and raise student awareness of the importance of establishing Marine Protected Areas. Activity format: On-site field study at rocky shores and sandy shores. Learning about intertidal habitats by setting up quadrats, observation on the features of coastal organisms.	V	~	•	•					~	~	~	ming • Other Learning Ex	20 - 40 including 2-4 teachers	HK\$140/student or teacher (Regular fee HK\$240/person)		
Sustainable City@ Tai Po (Island House Conservation Studies Centre) Highlight: Field studies at various locations in Tai Po and discuss the factors to make Tai Po a sustainable city. Activity format: Introduction to Tai Po History, field study, group discussion		~	•	•					~	~	~	Learning • Life-wide Lea	30 - 40 including 2-4 teachers	HK\$60/student or teacher (Regular fee: HK\$100 per student or teacher)	, except public holidays	3.5 Hours
Wetland Ecologist (Mai Po Nature Reserve) Highlight: Experience the daily work of an Ecologist; to study the value and importance of biodiversity. Activity format: Wildlife survey, use of scientific equipment to measure physical parameters, plankton observation		~							~		~	National Education • Project			Weekdays,	
Mangrove Ecology (Mai Po Nature Reserve) Highlight: Explore the core zones of the Reserve, study the largest mangrove community in Hong Kong along the boardwalk, as well as to understand the adaptive features of mangroves and the threats they are facing. Activity format: In-depth study and identification of mangrove species, group discussion and presentation		~							~		~	Moral and Civic and N	30 - 40 including 2-4 teachers	Free for eligible schools (Cost covered by Education Bureau)		4 Hours
Urban Planner @Deep Bay (Mai Po Nature Reserve) Highlight: Act as different stakeholders in groups, and to learn and discuss a real case on development nearby Activity format: Field study, case analysis, group discussion and presentation		~	•	•					~	~	~					

Book online at www.wwf.org.hk/schools/en

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WWF AS YOUR PARTNER

OTHER LEARNING EXPERIENCE (OLE)

"It was a meaningful experience for all Form 1 students to visit Mai Po Nature Reserve and experience conservation work. From my observation, sweat and laughter is also a crucial part of much experiential learning."

Mr. Ng King Yeung, CCC Kei Yuen College



LET'S BECOME CITIZEN SCIENTISTS

"Our students had first-hand experiences on conservation issues and scientific research with WWF through the programme ECF SEA WITHOUT LITTER.

I hope students can be aware of their roles as global citizens and gain more concern on environmental conservation as the future leaders in the community."

Miss Bonnie Chow, True Light Girls' College

SUPPORT FOR YOU

TEACHER NETWORKS

To receive our latest education news for conservation and join the upcoming teacher professional development course, please join us now! http://wwf.hk/en_esd

CONTINUING PROFESSIONAL DEVELOPMENT

Stay tuned for our latest teacher training schedule and grasp the chance to learn new teaching skills.

HOMEWORK HELP

1. Project themes

To enable your students to study more about nature, here are some suggested themes for them to look deeper: $\frac{1}{2}$

- Ecological Footprint Endangered Species Sustainable Lifestyle Wetland
- Biodiversity Sustainable Seafood Marine Litter

Find out more at: http://wwf.hk/en_mslpsc

2. Seasonal group interview sessions for first-hand data

We assist students and teachers for the Independent Enquiry Study (IES) component of Liberal Studies, and other environmental conservation project-based learning. Our Education Officers will talk about WWF's conservation topics and answer students' questions. A session will be held every 2 months in WWF's Kwai Hing Offices.

OUR FOCUS TOPICS ARE:



WETLANDS

Conservation of Mai

Po Nature Reserve



ULEAN:

Sustainable Seafood,

Marine Litter, Marine

Protected Areas



CLIMATE 8

Renewable Energy



OE HONG KONG



Country Parks Protection, Holistic Nature Policy, Ecological Footprint Combat Illegal Wildlife Trade

ONLINE RESOURCE BANK

Our latest education packs about Marine Litter and Local Biodiversity are useful teaching materials for you to integrate into classroom teaching or outdoor learning with WWF. Check out more at http://wwf.hk/en_resource_bank

WWF'S ACHIEVEMENT

WHAT TEACHERS THINK ABOUT WWF PROGRAMMES



Provided students a unique En



Engaged students in discussions investigations and other learning processes, under the guidance of WWF's experienced staff



Motivated students' interest in learning and multiperspectiv thinking



Raised students' knowledge of sustainable development

In 2016 – 17, WWF worked with more than 30% of the primary and secondary schools in Hong Kong through school partnership projects, teacher training, outdoor learning, outreach activities, events and more.

OUR COLLABORATION WITH SCHOOLS IN 2017-18:



QEF Mainstreaming Sustainability into Local Primary School Curriculum

Teachers from 12 school have worked with us in thi school partnership projec which aims to mainstream sustainability education into local primary schools through whole school approach.



ECF Sea without Litter

This is a student-led citizen science project about marine litter and our daily life. 10 secondary schools will track the source of marine litter with an innovative GPS system for investigating possible solutions to reduce marine litter.



Sea for Future

With support from teachers from 10 partner secondary schools, Marine Protected Area and Ocean Conservation will be integrated into school based curriculum.



ECF Discovery of Ocean Drifter

about the unseen plankton world - the vital base of the food chain. Students from 20 primary and secondary schools will look into the amazing biodiversity of the micro world through a series of workshops in Hoi Ha Wan and art projects.

HOW COULD YOU SUPPORT US?

EARTH HOUR 2018 - MAR



Let's join the world's largest collective lights-off action at 8:30pm on 24 March! Show your support by mobilizing everybody in your school. Save your date!

CHARITY RUN 2018 - FEB



Jog, sprint or walk along with us in WWF's charity event, an annual run for the planet. Let;s race against extinction. For details, please visit: http://wwf.hk/en_runforchange

WALK FOR NATURE 2017 - NOV



Walk for Nature is an annual event held in Mai Po Nature Reserve. Come and join us this Autumn. For details, please visit: http://wwf.hk/en_walkfornature

WILD IT OUT

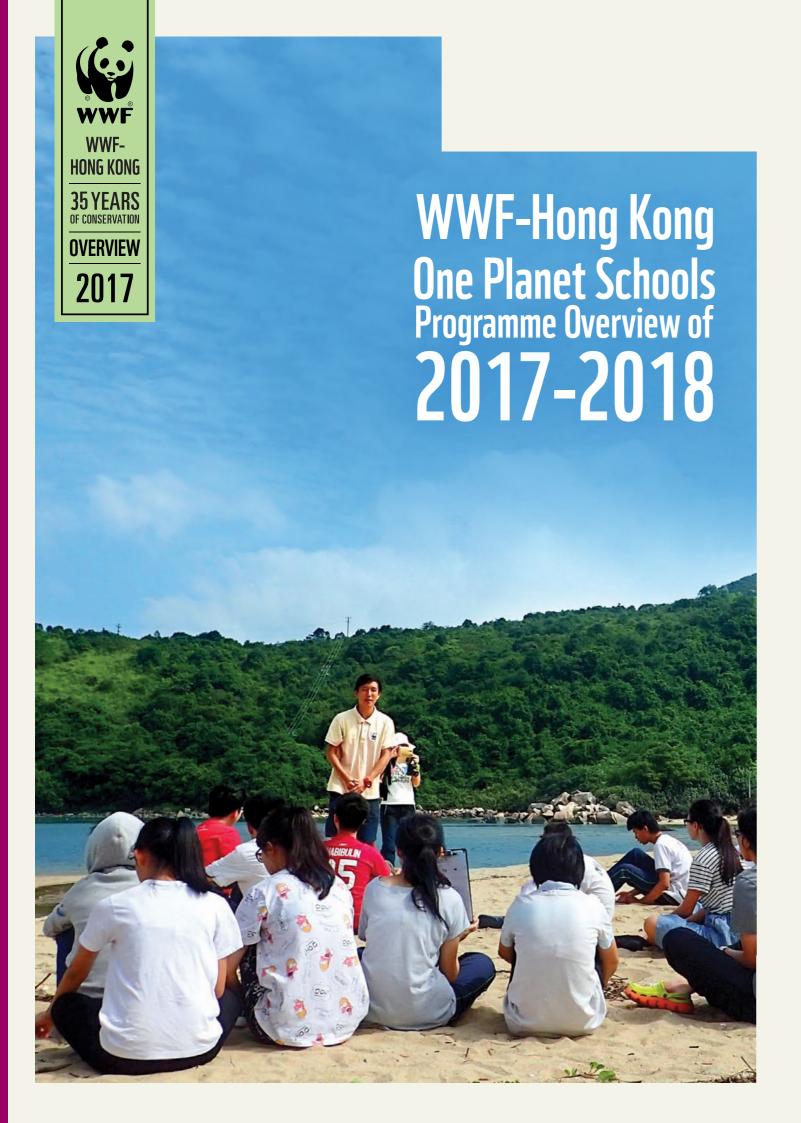


Hold a fun Wildlife Day at school for Halloween or other special day. We could provide educational resources to assist your planning. Donations from schools are welcome!

SCHOOL TALK



Contact us if you need to arrange a thematic school talk. Donations exceeding HK\$5,000 will enjoy a speaker fee



WWF - HONG KONG ONE PLANET SCHOOLS EDUCATION PROGRAMME IN NUMBERS



Under One Planet School Progrmme, WWF mainstreams Education for Sustainable

Development (ESD) in the

Partnership—Whole school approach, Community of

system through School

Practice—Professional development for teachers and Outdoor Learning & Outreach programmes—Experiential

30%

In 2016-17, over 30% of the primary and secondary schools in Hong Kong worked with WWF on different school programmes.



+30,000

Over 30,000 students participate in WWF's education programmes every year.

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One Planet Education Programme focuses on 5 conservation topics: Water & Wetlands, Climate & Energy, Oceans, Wildlife, Biodiversity & Sustainability of Hong Kong, to transform Hong Kong into Asia's most sustainable city



Why we are her

To stop the degradation of the planet's natural environment and

wf.org.hk

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Registered Name 註冊名稱: World Wide Fund For Nature Hong Kong 世界自然(香港)基金會

(Incorporated in Hong Kong with limited liability by guarantee 於香港註冊成立的擔保有限公司)



1 July 2017

Dear School Principal,

<u>WWF-Hong Kong</u> <u>One Planet Schools Programme (2017/18 School Year)</u>

WWF is one of leading conservation organisations in the world. In 2016/17, our education programme reach over 30% of schools across Hong Kong through a variety of educational and teacher training activities. Our works to promote Education for Sustainable Development (ESD) in the school sector, which are collectively known as the One Planet Schools Programme, aims at enhancing students' understanding of our natural environment and ecological footprint, as well as its interaction with social and economic development.

It is our pleasure to invite you to join our One Planet Schools Programme during the 2017/18 School Year. For details of the programme, key learning objectives and the corresponding school curriculum, please refer to this *Programme Overview*. In addition to providing experiential learning for students, WWF is keen to advocate "Whole School Approach to ESD" in Hong Kong education sector, including formulation of school-based environmental policies and energy saving measures to echo Education Bureau Circular No. 4/2017 which was released in April 2017. WWF is always willing to offer necessary support to school in putting conservation and sustainability into practice.

We would be most grateful if you could disseminate the programme information to teachers-in-charge of <u>General Studies</u>, <u>Moral and Civic Education</u>, <u>Environmental Education</u>, <u>Integrated Science</u>, <u>Biology</u>, <u>Geography</u>, <u>Life-wide Learning</u>, <u>Other Learning Experience and Extra-curricular Activities</u>. Details are available at WWF website [www.wwf.org.hk/schools/en].

For enquiries, please feel free to contact our Education Department on tel. no. 2526-1011 or by e-mail at [education@wwf.org.hk].

We look forward to seeing you and your students soon.

Yours faithfully,

Yamme Leung Director, Education WWF-Hong Kong

together possible ...