



Summary of WWF Secondary School Education Programmes and Curriculum Framework

Study level	Topic	Venue	Related units/issues in curriculum										
			Science			Geography			Biology		Integrated Science	Liberal Studies	
			Introducing Science	Looking at Living Things	Living Things and Air	Oceans in Trouble	Building a Sustainable City	Climate Change	Organisms and Environment	Applied Ecology	Balance in Nature	Hong Kong Today	Energy Technology and the Environment
S.1 to S.3	Wetland Encounter	Mai Po Nature Reserve		✓	✓								
S.1 to S.6	Wetland Reserve Officer								✓	✓			✓
	Biodiversity Discovery		✓	✓	✓			✓	✓	✓			✓
	Oceanographer	✓	✓	✓	✓		✓	✓	✓	✓		✓	
	Seafood Watch							✓	✓		✓	✓	
	City Coastal Ecologist	✓	✓			✓		✓	✓	✓	✓	✓	
	Undiscovered Truth				✓	✓				✓	✓	✓	
S.4 to S.6	Mangrove Ecology	Mai Po Nature Reserve							✓	✓	✓		✓
	Wetland Ecologist								✓	✓	✓		✓
	Urban Planner @ Deep Bay						✓			✓	✓	✓	✓
	Coastal Ecologist	Hoi Ha Wan Marine Park					✓		✓	✓	✓	✓	✓
	Sustainable City @ Tai Po	Island House Conservation Studies Centre					✓			✓	✓	✓	✓

Remarks: “✓” Programme linkage to the curriculum

All Secondary School Education Programmes support the curriculum of **moral, civic and national education, project learning and life-wide learning. Some of the topics can be conducted as grade-based activity to support **other learning experience (OLE)**.



MAI PO NATURE RESERVE, WETLAND, EXPLORE.

SECONDARY SCHOOL EDUCATION PROGRAMME

WWF has developed **SIX PROGRAMME OPTIONS** for teachers to select according to their teaching needs:

- Biodiversity Discovery
- Mangrove Ecology
- Urban Planner@ Deep Bay
- Wetland Ecologist
- Wetland Encounter
- Wetland Reserve Officer

* Above programmes are free of charge, cost covered by the Education Bureau.

Located in the northwest corner of Hong Kong, the Reserve lies at the heart of Hong Kong's only internationally-designated wetland. These wetland habitats support large number of waterbirds and allow migratory birds to rest and feed. As "nature's lifeline", these wetlands are vital to the lives of humans and other species. However, numerous human induced threats, especially urban development, are causing harm to coastal wetland habitats all around the world and here in Hong Kong. Come and learn in Mai Po Nature Reserve to explore more about our wetlands.

Activities

- Bird watching
- Nature photography and photo sharing
- Experience field works in the reserve
- Conduct ecological surveys
- Investigate and identify local wildlife species
- Role play discussion

Learning Objectives

- Understand the uniqueness of wetlands
- Understand concepts and importance of wetland conservation management
- Learn about field study techniques
- Investigate adaptation features of wildlife
- Understand the importance of land use planning

Booking and Enquires

Book online: wwf.org.hk/schools/en

Telephone: 2526-1011 (choose 2 for English, then press 5)

Email: schoolvisit@wwf.org.hk

Get more information of secondary education programme, please visit: wwf.hk/sec_prog_en



HOI HA WAN OCEAN, DISCOVER.

SECONDARY SCHOOL EDUCATION PROGRAMME

WWF has developed **THREE PROGRAMME OPTIONS** for teachers to select according to their teaching needs:

- Coastal Ecologist
- Seafood Watch
- Oceanographer

Hong Kong's waters once teemed with a rich biodiversity, nurturing over a thousand marine species, including many native species. However, as the threats of urban development, pollution and overfishing have advanced, our marine ecosystem has drastically deteriorated. Hong Kong's huge appetite for local and regional seafood has pushed some marine species to the brink of extinction. Visit our Asia's first "classroom on the sea" in Hoi Ha Wan to discover our priceless marine resources through real-life learning experiences.

Activities

- Glass-bottomed Boat coral observation trip
- Study the features of seawater
- On site study at rocky shore, sandy shore and mangroves
- Field study at markets

Learning Objectives

- Appreciate the natural beauty of marine environment
- Understand the relationships between environment and wildlife
- Wise use of the marine resources
- Learn about field study techniques

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ISLAND HOUSE SUSTAINABILITY, CHANGE.

SECONDARY SCHOOL EDUCATION PROGRAMME

WWF has developed **THREE PROGRAMME OPTIONS** for teachers to select according to their teaching needs:

- **City Coastal Ecologist**
- **Undiscovered Truth**
- **Sustainable City @ Tai Po**

Our consumption of the Earth's limited resources is so rampant that if everyone on the planet lived like Hong Kong people, we would need 4.2 Earths to provide what we need from nature. To change the way we live, there are so many different ways. At Island House, Tai Po, you will be able to learn more about our planet's biodiversity and how to live sustainably.

Activities

- Use tablet and mobile application to conduct on site field trip
- Group discussion on building a sustainable city
- Interview with local community
- Marine litter survey

Learning Objectives

- Understand the conflict between environmental conservation and urban development
- Understand the importance of building a sustainable city
- Realize the marine litter issue

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