

EDUCATION BUREAU CIRCULAR MEMORANDUM NO. 86/2016

From : Secretary for Education

To : Heads of Primary and Secondary
Schools

Ref. : EDB(CD)/ADM/50/1/2(19)

Tel. : 2892 6680

Date : 1 June 2016

**Curriculum Development Institute
Application for Participation in Student Educational Activities and Events
(June 2016)**

(Note: This circular memorandum should be read by heads of all primary and secondary schools)

Summary

The purpose of this circular memorandum is to invite primary and secondary schools to participate in the coming educational activities and events organised, co-organised or announced by Curriculum Development Institute, Education Bureau. The educational activities and events to be organized include WWF Education for Sustainable Development (ESD) Programme (Primary School) (2016/17 School Year), WWF Education for Sustainable Development (ESD) Programme (Secondary School) (2016/17 School Year), International Junior Science Olympiad 2017 – Hong Kong Screening, ICAC ‘All for Integrity’ Programme for Secondary Schools (2016/17 School Year), 53rd Schools Dance Festival, Hong Kong STEM Olympiad 2016, “Science in the Public Service” Campaign 10th Anniversary Roving Exhibition on “Climate Change – Our Response” and “Ten Years of Passion” Lecture Series, Schools Creative Music Showcase 2016/17 (Primary), Schools Creative Music Showcase 2016/17 (Secondary), Mathematics World Lecture Series: Closing Lecture and “My NAS Learning Journey” Seminar cum Secondary School Student Short Video Campaign Award Presentation Ceremony .

Details

2. The educational activities and events are-

a) For primary schools:

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Moral, Civic and National Education	WWF Education for Sustainable Development (ESD) Programme (Primary School) (2016/17 School Year)	School Heads, Moral, Civic and National Education/ General Studies/ Extra-curricular Activities Coordinators and Teachers	The fee for Freshwater and Wetland Primary School Education Programme is paid by the Education Bureau and the closing date for applications is 30 June 2016 (Thursday).	1
ii)	Physical Education and Arts Education	53 rd Schools Dance Festival	School Heads and Teachers-in-charge of Dance	Competition Period: 17 January to 28 February 2017	5
iii)	Primary General Studies	“Science in the Public Service” Campaign 10th Anniversary Roving Exhibition on “Climate Change – Our Response” and “Ten Years of Passion” Lecture Series	School heads and teachers of Primary General Studies	-	7
iv)	Arts Education / Music	Schools Creative Music Showcase 2016/17 (Primary Schools)	School heads and Music teachers	Application deadline: 9 September 2016 (Friday)	8
v)	Mathematics Education	Mathematics World Lecture Series: Closing Lecture	Mathematics panel chairpersons and teachers	Application deadline: 17 June 2016 (Friday)	10

b) For secondary schools:

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
i)	Moral, Civic and National Education	WWF Education for Sustainable Development (ESD) Programme (Secondary School) (2016/17 School Year)	School Heads, Moral, Civic and National Education/Personal, Social and Humanities Education Key Learning Area/ Science Education Key Learning Area/ Liberal Studies/ Extra-curricular Activities Coordinators and Teachers	The fee for Freshwater and Wetland Secondary School Education Programme is paid by the Education Bureau and the closing date for applications is 30 June 2016 (Thursday).	2
ii)	Gifted Education	International Junior Science Olympiad 2017 – Hong Kong Screening	School heads, Science panel chairpersons and teachers	The deadline for nomination is 12 September 2016 (Monday) by 5:00 p.m.	3
iii)	Life-wide Learning / Moral, Civic and National Education	ICAC ‘All for Integrity’ Programme for Secondary Schools (2016/17 School Year)	School Heads, Life-wide Learning / Extra-curricular Activities / Moral, Civic and National Education Coordinators and Teachers	Application Deadline : Wednesday, 20 June 2016	4
iv)	Physical Education and Arts Education	53 rd Schools Dance Festival	School Heads and Teachers-in-charge of Dance	Competition Period: 17 January to 28 February 2017	5
v)	Science Education/ Technology Education/ Mathematics Education	Hong Kong STEM Olympiad 2016	School heads, teachers of Science Education, Technology Education and Mathematics Education Key Learning Areas	Application Deadline: 8 June 2016 (Wednesday)	6

	<i>Key Learning Area/ Subject</i>	<i>Title</i>	<i>For the attention /action of</i>	<i>Remarks</i>	<i>Annex</i>
vi)	Science Education, Personal, Social and Humanities Education, Senior Secondary Liberal Studies	“Science in the Public Service” Campaign 10th Anniversary Roving Exhibition on “Climate Change – Our Response” and “Ten Years of Passion” Lecture Series	School heads and teachers of Science Education Key Learning Area, Personal, Social and Humanities Education Key Learning Area and Senior Secondary Liberal Studies	-	7
vii)	Arts Education / Music	Schools Creative Music Showcase 2016/17 (Secondary Schools)	School heads and Music teachers	Application deadline: 8 July 2016 (Friday)	9
viii)	Mathematics Education	Mathematics World Lecture Series: Closing Lecture	Mathematics panel chairpersons and teachers	Application deadline: 17 June 2016 (Friday)	10
ix)	New Academic Structure	“My NAS Learning Journey” Seminar cum Secondary School Student Short Video Campaign Award Presentation Ceremony	Principals, Vice-Principals, Subject / KLA Coordinators, Coordinators of Other Learning Experiences / Life-wide Learning /ECA and teachers of Secondary Schools (including special schools)	Deadline for the application: 24 June 2016 (Friday)	11

3. Details and Application Forms of the above activities and events are stipulated in the respective Annexes.

Enquiry

4. For enquiries, please contact the respective **contact person** as listed in the respective Annexes.

Philly CHING
for Secretary for Education

c.c. Heads of Sections – for information

WWF Education for Sustainable Development (ESD) Programme
(Primary School)
(2016/17 School Year)

Aims / Objectives

The aims of the captioned Programmes are to enhance primary school students' understanding of our natural environment and ecological footprint, as well as its interaction with social and economic development.

Details

2. Acknowledged by the United Nations General Assembly during the 2014 World Conference on ESD, the Global Action Programme (GAP) on ESD aims to generate and scale-up ESD action worldwide in all levels and areas of education and learning to accelerate progress towards sustainable development beyond the United Nations Decade of Education for Sustainable Development 2005-2014. Reorientation of education and learning will be strengthened so that everyone has the opportunity to develop the knowledge, skills, values and attitudes that empower them to contribute to sustainable development. It is hoped that through the joint efforts of the international society on ESD, the ultimate aim to enhance a better quality, resources conservation and global economic development can be achieved.

3. The World Wide Fund For Nature Hong Kong (WWF-Hong Kong) is committed to the GAP through organising four ESD programmes for primary school students in the 2016/17 school year.

4. For details about the ESD programmes, please refer to the invitation letter from WWF-Hong Kong as attached on Appendix 1a-1f.

5. For schools that would like to participate in these programmes, please make online application. All applications will be processed on a **first-come-first-served basis**. The fee for Mai Po Primary School Education Programme will be paid by the Education Bureau and the closing date for 1st round application is **30 June 2016 (Thursday)**.

Contact Person

6. For enquiries, please contact WWF Education Department at 2526 1011.



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1st June 2016

Dear School Principal,

WWF Education for Sustainable Development (ESD) Programme (Primary Schools)
(2016/2017 School Year)

WWF is one of Hong Kong's leading conservation organisations. In 2015-2016, more than 69,000 students, teachers, regional wetland managers and members of the public learnt about conservation during visits to WWF's outdoor classrooms and through our outreach programmes. We provide a variety of ESD programmes, which aim 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 ESD programmes (primary schools) during the 2016/2017 School Year. For details of each programme, please refer to the attached information sheets.

WWF Education Programmes	Target Level	Information Sheet
Mai Po Wetland Education Programme*	Primary 4 to 6	P1
Hoi Ha Wan Marine Education Programme	Primary 1 to 6	P2
Tai Po Island House Footprint Education Programme	Primary 4 to 6	P3
Ecological Footprint Outreach Education Programme	Primary 1 to 6	P4

*The closing date for the 1st round applications for **Mai Po Wetland Education Programme** is **30 June 2016**.

We would be most grateful if you could disseminate the programme information to teachers-in-charge of General Studies, Moral and Civic Education, Environmental Education and Extra-curricular Activities. All application details are also available at WWF website:

< wwf.org.hk/school/en >

For enquiries, please feel free to contact our Education Department on tel. no. 2526-1011 or by e-mail at [\[education@wwf.org.hk\]](mailto:education@wwf.org.hk) at your earliest convenience.

Thank you very much for your attention. We look forward to hearing from you soon.

Yours faithfully

Yamme Leung
Director, Education
WWF-Hong Kong

贊助人：香港特區行政長官
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義務律師：孖士打律師行
義務司庫：匯豐銀行
註冊慈善機構

Patron: The Honourable CY Leung, GBM, GBS, JP
Chief Executive of the HKSAR
Chairman: Mr Edward M Ho
Acting CEO: Ms Nicole Wong

Honorary Auditors: BDO Limited
Honorary Company Secretary:
McCabe Secretarial Services Limited
Honorary Solicitors: Mayer Brown JSM
Honorary Treasurer: HSBC
Registered Charity
(Incorporated With Limited Liability)



Summary of WWF Primary School Education Programmes and Curriculum Framework

			Key Learning Areas - General Studies				Others
			Strand				
Study level	Topic	Venue	People and Environment	Science and Technology in Everyday Life	Community and Citizenship	Global Understanding and the Information Era	
P.1 to P.3	Shark Adventure	Hoi Ha Wan Marine Park	✓			✓	All Primary School Education Programmes support the curriculum of ➤ Moral and Civic Education ➤ Project Learning ➤ Life-wide Learning
P.4 to P.6	Wetland Detective	Mai Po Nature Reserve	✓			✓	
	Story of Bird		✓		✓	✓	
	Mini-world of Mai Po		✓	✓			
	Hoi Ha Detective	Hoi Ha Wan Marine Park	✓	✓		✓	
	Green Teenage Diary	Island House Conservation Studies Centre	✓		✓		
	STEP (Outreach)	School base	✓	✓	✓	✓	

Remarks: "✓" Programme linkage to particular learning area



MAI PO WETLAND EDUCATION PROGRAMME – PRIMARY SCHOOL

For Primary 4 to 6 students

September 2016 to August 2017

P1



Mai Po Nature Reserve lies in the heart of Hong Kong's only internationally designated wetland, makes it one of the best outdoor classrooms to learn about nature. With its high diversity of wetland habitats including *gei wai*, mangroves and reed beds, a thriving diversity of wildlife species can be found. The Reserve is known as Hong Kong's "Bird Paradise", an important habitat and staging site for waterbirds.

EDUCATION PROGRAMME

WWF has developed **THREE PROGRAMMES OPTIONS** for primary school teachers to select according to their teaching needs:

Topic	Wetland Detective	Story of Bird	Mini-world of Mai Po
Target	Primary 4 to 6		
No. of participants	30 - 40 students, 2-4 accompanying teachers		
Duration	3 hours		
Learning Objectives	<ul style="list-style-type: none"> To realize the importance and values of wetlands to wildlife and humans To appreciate the natural beauty of wetland environment 	<ul style="list-style-type: none"> To learn how birds adapt to wetlands To identify the impacts of human activities on migratory birds 	<ul style="list-style-type: none"> To learn about the adaptation of insects and other tiny wildlife in wetlands To investigate the interrelationship between insects and environment
Related curriculum	General Studies, Moral and Civic Education, Project Learning, Life-wide Learning		
Venue	Mai Po Nature Reserve		
Activity format	<ul style="list-style-type: none"> Role play Sensory and interactive activities Bird watching 	<ul style="list-style-type: none"> Simulation game about bird migratory Bird watching 	<ul style="list-style-type: none"> Using bug box and other tools to conduct observation on insects Pond-dipping
Activity Period	Whole year	Prefer to conduct in Spring, Autumn and Winter	Only conduct in Summer and Autumn (April to October)

APPLICATION DETAILS

- Above programmes are free of charge, cost covered by Education Bureau.
- 1st round application:** The application period is **1 June to 30 June, 2016**. WWF will process application submitted within this period with the following mechanism, and notify schools the result by 22 July.
- 2nd round application:** All applications submit **on or later than 1 July, 2016**, will be allocated into the waiting list. The applications will be considered after reviewing the overall application status. WWF will notify applicant the result within one month upon application submission.
- Related information and application details can be downloaded at WWF Education Programme webpage: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department on tel. no. 2526-1011 (choose 2 for English, then press 5, 2, 1) or by e-mail at [education@wwf.org.hk].



HOI HA WAN MARINE EDUCATION PROGRAMME – PRIMARY SCHOOL

For Primary 1 to 6 students
September 2016 to July 2017

P2



Hoi Ha Wan Marine Park is one of the first designated Marine Parks in Hong Kong with diverse range of marine life. It contains over 60 species of stony corals and over 120 species of coral associated fish. **Hoi Ha Marine Life Centre** is Asia's first classroom on the sea, where not only provides opportunities to appreciate and understand the priceless marine resources, but also an ideal place to enhance students' learning experiences.

EDUCATION PROGRAMME

WWF has developed **TWO PROGRAMMES OPTIONS** for primary school teachers to select according to their teaching needs:

Topic	Shark Adventure #	Hoi Ha Detectives*
Target	Primary 1 to 3	Primary 4 to 6
No. of participants	20 - 40 per group, including 2-4 accompanying teachers	
Duration	3 hours	
Learning objectives	<ul style="list-style-type: none"> Learn interesting features of different sharks Understand the threats towards sharks and coral communities Develop positive value towards sharks 	<ul style="list-style-type: none"> Explore the characteristics of different marine lives Enhance interest towards our marine environment Develop positive attitude on adapting sustainable lifestyle
Related curriculum	General Studies, Moral and Civic Education, Project Learning, Life-wide Learning	
Venue	Hoi Ha Wan Marine Park	
Activity format	<ul style="list-style-type: none"> Role play Drama in education 	<ul style="list-style-type: none"> Hands-on beach exploration Sensory activities

"Shark Adventure" requires higher teacher/ parent to student ratio of 1:8.

* **"Hoi Ha Detective"** includes activities on the beach but is subject to change depending on the on-site weather.

All of the above programmes include Glass-bottomed Boat coral viewing trip in Hoi Ha Wan Marine Park.

APPLICATION DETAILS

- These are charged programmes, please visit WWF Education webpage for the programme / application details: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department at 2526-1011 (choose 2 for English, then press 5, 2, 2) or by e-mail at [education@wwf.org.hk].



TAI PO ISLAND HOUSE FOOTPRINT EDUCATION PROGRAMME – PRIMARY SCHOOL

For Primary 4 to 6 students
September 2016 to May 2017

P3



Island House Conservation Studies Centre is located at Tai Po. The building was built at the beginning of the 20th century, it is the former official residence of the District Commissioners, New Territories. The grounds of Island House are a mixture of formal English style gardens and lawns, where over 140 species of plants can be found. Island House is more than 110 years old and is declared as a historic monument under the provisions of the Antiquities and Monuments Ordinance. It is now serving as an education and conservation research centre operated by WWF.

EDUCATION PROGRAMME

Topic	Green Teenage Diary
Target	Primary 4 to 6
No. of participants	30 - 40 per group, including 2-4 accompanying teachers
Duration	3 hours
Learning objectives	<ul style="list-style-type: none"> To develop a clear overall picture of the history of Tai Po and Island House, architectural features of Island House, different plant species in the Arboretum and human impact of surrounding development. To foster students' understanding of the concept of "Ecological Footprint" and let them know the importance of using natural resources wisely.
Related curriculum	General Studies, Moral and Civic Education, Project Learning, Life-wide Learning
Activity location	Island House Conservation Studies Centre
Activity format	<ul style="list-style-type: none"> Visit the historic heritage Plants identification Ecological footprint game DIY workshop

APPLICATION DETAILS

- This is a charged programme, please visit WWF Education webpage for the programme / application details: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department on tel. no. 2526-1011 (choose 2 for English, then press 5, 2, 3) or by e-mail at education@wwf.org.hk.



ECOLOGICAL FOOTPRINT OUTREACH EDUCATION PROGRAMME – STEP – SUSTAINABLE LIFESTYLE TARGET EDUCATION PROGRAMME

For Primary 1 to 6 students
September 2016 to August 2017



P4

Sustainable lifestyle Target Education Programme (STEP) is an in-school education outreach programme developed and implemented by WWF-Hong Kong.

Target	Primary 1 to 6
Learning objectives	<ul style="list-style-type: none"> To teach students about the interrelationship between humans and natural resources, and the concept of “Ecological Footprint”. Students will recognize themselves as the stewards of the planet, and become committed to take a “STEP” forward in their daily lives to adopt sustainable lifestyle, protect the nature environment and consume resources wisely.
Related curriculum	General Studies, Moral and Civic Education, Project Learning, Life-wide Learning
Venue	School campus
Activity format	<ul style="list-style-type: none"> Six Core activities for different grades led by WWF Education Officers Extension classroom activities with education materials provided by WWF School-based actions with advice provided by WWF Teacher training workshop led by WWF Education Officers to engage teachers in integrating relevant content into teaching

Summary of core activities

Grade	P.1	P.2	P.3	P.4	P.5	P.6
Theme	Animal Party	Wonders of Nature	Agent Green	Earth Hero	Story of Hannah	Earth Master
Format	Interactive talk	Exhibition	Drama	Mass game	Theatre-in-Education	Situational simulation game
Duration	30 mins	Flexible	30 mins	60 mins	90 mins	60 mins

Please visit STEP website at wwf.org.hk/step/en
for more details of the programme.

APPLICATION DETAILS

- This is a charged programme, programme fee varies for different combinations of activities and number of student participants. For application form and programme details, please visit STEP website: wwf.org.hk/step/en.
- For any enquiries, please contact our Education Department on tel. no. 2526-1011 (choose 2 for English, then press 5, 2, 4) or by e-mail at education@wwf.org.hk

WWF Education for Sustainable Development (ESD) Programme
(Secondary School)
(2016/17 School Year)

Aims/Objectives

The aims of the captioned programmes are to enhance secondary school students' understanding of our natural environment and ecological footprint, as well as its interaction with social and economic development.

Details

2. Acknowledged by the United Nations General Assembly during the 2014 World Conference on ESD, the Global Action Programme (GAP) on ESD aims to generate and scale-up ESD action worldwide in all levels and areas of education and learning to accelerate progress towards sustainable development beyond the United Nations Decade of Education for Sustainable Development 2005-2014. Reorientation of education and learning will be strengthened so that everyone has the opportunity to develop the knowledge, skills, values and attitudes that empower them to contribute to sustainable development. It is hoped that through the joint efforts of the international society on ESD, the ultimate aim to enhance a better quality, resources conservation and global economic development can be achieved.

3. The World Wide Fund For Nature Hong Kong (WWF-Hong Kong) is committed to the GAP through organising four ESD programmes for secondary school students in the 2016/17 school year.

4. For details about the ESD programmes, please refer to the invitation letter from WWF-Hong Kong as attached on Appendix 2a-2e.

5. For schools that would like to participate in these programmes, please make online application. All applications will be processed on a **first-come-first-served basis**. The fee for Mai Po Secondary School Education Programme will be paid by the Education Bureau and the closing date for 1st round application is **30 June 2016 (Thursday)**.

Contact

6. For enquiries, please contact WWF Education Department at 2526 1011.



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1 June 2016

Dear School Principal,

WWF Education for Sustainable Development (ESD) Programme (Secondary Schools)
(2016/2017 School Year)

WWF is one of Hong Kong's leading conservation organisations. In 2015-2016, more than 69,000 students, teachers, regional wetland managers and members of the public learnt about conservation during visits to WWF's outdoor classrooms and through our outreach programmes. We provide a variety of ESD programmes, which aim 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 ESD programmes (secondary schools) during the 2016/2017 School Year. For details of each programme, please refer to the attached information sheets.

WWF Education Programmes	Target Level	Information Sheet
Mai Po Wetland Education Programme*	Secondary 1 to 6	S1
Hoi Ha Wan Marine Education Programme	Secondary 1 to 6	S2
Tai Po Island House Footprint Education Programme	Secondary 4 to 6	S3

*The closing date for the 1st round applications for Mai Po Wetland Education Programme is **30 June 2016**.

We would be most grateful if you could disseminate the programme information to teachers-in-charge of Moral and Civic Education, Biology and Geography subjects, Liberal Studies, Integrated Science, Environmental Education, and teacher coordinators of Other Learning Experiences and Extra-curricular Activities. All application details are also available at WWF website:

< wwf.org.hk/school/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 at your earliest convenience.

Thank you very much for your attention. We look forward to hearing from you soon.

Yours faithfully

Yamme Leung
Director, Education
WWF-Hong Kong

贊助人：香港特區行政長官
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義務律師：孖士打律師行
義務司庫：匯豐銀行
註冊慈善機構

Patron: The Honourable CY Leung, GBM, GBS, JP
Chief Executive of the HKSAR
Chairman: Mr Edward M Ho
Acting CEO: Ms Nicole Wong

Honorary Auditors: BDO Limited
Honorary Company Secretary:
McCabe Secretarial Services Limited
Honorary Solicitors: Mayer Brown JSM
Honorary Treasurer: HSBC
Registered Charity
(Incorporated With Limited Liability)



Summary of WWF Secondary School Education Programmes and Curriculum Framework

			Key Learning Areas					Others
			Geography		Science			
			Changing Climate	Oceans in Trouble	Introducing Science	Looking at Living Things	Living Things and Air	
Study level	Topic	Venue	Changing Climate	Oceans in Trouble	Introducing Science	Looking at Living Things	Living Things and Air	
S.1 to S.3	Wetland Encounter	Mai Po Nature Reserve				✓	✓	All Secondary School Education Programmes support the curriculum of ➤ Moral and Civic Education ➤ Project Learning ➤ Life-wide Learning
	Marine Discovery	Hoi Ha Wan Marine Park	✓	✓	✓	✓	✓	

Remarks: "✓ " Programme linkage to particular learning area



Summary of WWF Secondary School Education Programmes and Curriculum Framework

Study level	Topic	Venue	Key Learning Areas							Cross Key Learning Areas		Others
			Science	Geography			Biology		Integrated Science	Liberal Studies		
			Materials of the Modern World	Oceans in Trouble	Building a Sustainable City	Global Warming	Organisms and Environment	Applied Ecology	Balance in Nature	Hong Kong Today	Energy Technology and the Environment	
S.1 to S.6	Wetland Reserve Officer	Mai Po Nature Reserve						✓	✓		✓	All Secondary School Education Programmes support the curriculum of ➤ Moral and Civic Education ➤ Project Learning ➤ Life-wide Learning and Other Learning Experience
	Marine Ranger	Hoi Ha Wan Marine Park	✓	✓	✓		✓	✓	✓	✓	✓	
S.4 to S.6	Wetland Ecologist	Mai Po Nature Reserve					✓	✓	✓		✓	
	Mangrove Ecology						✓	✓			✓	
	Mai Po Multiplex				✓			✓	✓	✓	✓	
	Urban Planner @ Deep Bay				✓			✓	✓	✓	✓	
	Oceanographer	Hoi Ha Wan Marine Park				✓	✓	✓	✓		✓	
	Coastal Ecologist				✓		✓	✓	✓	✓	✓	
	Sustainable City @ Tai Po	Island House Conservation Studies Centre		✓	✓			✓	✓	✓	✓	

Remarks: "✓" Programme linkage to particular learning area



MAI PO WETLAND EDUCATION PROGRAMME – SECONDARY SCHOOL

For Secondary 1 to 6 students
September 2016 to August 2017

S1



Mai Po Nature Reserve lies in the heart of Hong Kong's only internationally designated wetland. With its high diversity of wetland habitats including *gei wai*, mangroves, intertidal mudflats and reed beds, a thriving diversity of wildlife species can be found. The Reserve is known as Hong Kong's "Bird Paradise", an important habitat and staging site for waterbirds.

EDUCATION PROGRAMME

WWF has developed **SIX PROGRAMMES OPTIONS** for secondary school teachers to select according to their teaching needs:

WWF has developed SIX ACTIVITIES OF WETLANDS for secondary school teachers to select according to their teaching needs.

Theme	Wetland Encounter	Wetland Reserve Officer	Wetland Ecologist	Mangrove Ecology*	Mai Po Multiplex	Urban Planner@ Deep Bay*
Target	Secondary 1 to 3	Secondary 1 to 6	Secondary 4 to 6			
No. of participants	30 – 40 students, 2-4 accompanying teachers					
Duration	4 hours					
Learning Objectives	<ul style="list-style-type: none">• To understand the uniqueness of wetlands• To appreciate to the natural beauty of wetland environment	<ul style="list-style-type: none">• To understand basic concepts and importance of conservation management	<ul style="list-style-type: none">• To learn about the value and importance of biodiversity• To learn about field study techniques	<ul style="list-style-type: none">• To investigate adaptation features of mangroves• To understand the functions of mangroves and their threats	<ul style="list-style-type: none">• To understand the concept of sustainable development• To understand the inter-connection of individual actions, social characteristics and global issues	<ul style="list-style-type: none">• To investigate the change of different land use and conflicts• To understand the importance of land use planning in Hong Kong
Related curriculum	Science	Biology, Integrated Science, Liberal Studies			Liberal Studies, Geography, Biology, Integrated Science	
Venue	Mai Po Nature Reserve					
Activity format	<ul style="list-style-type: none">• Observe and record wildlife species• Photo shooting and sharing	<ul style="list-style-type: none">• To experience field works in the reserve	<ul style="list-style-type: none">• Conduct wildlife surveys• Use equipment to measure and collect samples• Use microscope to observe planktons	<ul style="list-style-type: none">• Investigate and identify local mangrove species• Field observation, comparison between mangrove and other habitats	<ul style="list-style-type: none">• Play as the role of journalist, to explore the situation of Mai Po and Inner Deep Bay• To discuss the causes and effects of the issues from multiple perspectives	<ul style="list-style-type: none">• Field observation• Play as different stakeholders to conduct case analysis and group discussion

* **Mangrove Ecology** and **Urban Planner@ Deep Bay** will cover longer route including floating boardwalk.

All of the above programmes include bird watching, teachers can borrow binoculars from WWF.

APPLICATION DETAILS

- Above programmes are free of charge, cost covered by Education Bureau.
- 1st round application: 1 June to 30 June, 2016.** WWF will process application submitted within this period with the following mechanism, and notify schools the result by 22 July.
- 2nd round application:** All applications submit **on or later than 1 July, 2016**, will be allocated into the waiting list. The applications will be considered after reviewing the overall application status. WWF will notify applicant the result within one month upon application submission.
- Related information and booking information can be downloaded from WWF Schools and Outreach Education Programmes website: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department on tel. no. 2526-1011 (choose 2 for English, then press 5, 1, 1) or by e-mail at [education@wwf.org.hk].



HOI HA WAN MARINE EDUCATION PROGRAMME – SECONDARY SCHOOL

For Secondary 1 to 6 students
September 2016 to August 2017

S2



Hoi Ha Wan Marine Park is one of the first designated Marine Parks in Hong Kong with diverse range of marine life. It contains over 60 species of stony corals and over 120 species of coral associated fish. Hoi Ha Marine Life Centre is the Asia's first classroom on the sea, where not only provides opportunities to appreciate and understand the priceless marine resources, but also an ideal place to enhance students' learning experiences.

EDUCATION PROGRAMME

WWF has developed **FOUR PROGRAMMES OPTIONS** for secondary school teachers to select according to their teaching needs:

Topic	Marine Discovery#	Marine Ranger *	Oceanographer#	Coastal Ecologist*
Target	Secondary 1 to 3	Secondary 1 to 6	Secondary 4 to 6	
No. of participants	20 - 40 per group, including 2-4 accompanying teachers			
Duration	4 hours			
Learning objectives	<ul style="list-style-type: none">Understand the relationships between seawater and marine animalsExplore the impacts of some global marine issuesLearn some measurement skills	<ul style="list-style-type: none">Understand marine litter issuesSelf-reflect the impacts of our daily habits to the environment	<ul style="list-style-type: none">Experience the work of OceanographerInvestigate the impacts of climate change to the marine environment globally and locally	<ul style="list-style-type: none">Study the habits and features of marine life in intertidal habitatsRaising awareness of coastal development issuesLearn some field study skills
Related curriculum	Geography, Science	Science, Geography, Biology, Integrated Science, Liberal Studies	Geography, Biology, Integrated Science, Liberal Studies	
Venue	Hoi Ha Wan Marine Park			
Activity format	<ul style="list-style-type: none">Study the features of seawater by using different equipmentObserve planktons by using microscope	<ul style="list-style-type: none">Exploration on the beachSurveying litters in coastal areaSelf-reflection	<ul style="list-style-type: none">In-depth study of the features of seawater by using different equipmentObserve planktons by using microscope	<ul style="list-style-type: none">On site study at rocky shore, sandy shore and mangrovesObserve the habits of coastal animals

This programme equipped with "online learning" platform for teachers and students to do pre-visit learning.

"Marine Discovery": wwf.org.hk/marinediscovery/eng/

"Oceanographer": wwf.org.hk/oceanographer/eng/

* "Marine Ranger" and "Coastal Ecologist" include activities in coastal area but is subject to change depending on the on-site weather.

All of the above programmes include Glass-bottomed Boat coral viewing trip in Hoi Ha Wan Marine Park.

APPLICATION DETAILS

- These are charged programmes, please visit WWF Education webpage for the programme / application details: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department at 2526-1011 (choose 2 for English, then press 5, 1, 2) or by e-mail at [\[education@wwf.org.hk\]](mailto:education@wwf.org.hk).



TAI PO ISLAND HOUSE FOOTPRINT EDUCATION PROGRAMME – SECONDARY SCHOOL

For Secondary 4 to 6 students
September 2016 to August 2017

S3



Island House Conservation Studies Centre is located at Tai Po. The building was built at the beginning of the 20th century, it is the former official residence of the District Commissioners, New Territories. The grounds of Island House are a mixture of formal English style gardens and lawns, where over 140 species of plants can be found. Island House is more than 110 years old and is declared as a historic monument under the provisions of the Antiquities and Monuments Ordinance. It is now serving as an education and conservation research centre operated by WWF.

EDUCATION PROGRAMME

Topic	Sustainable City @ Tai Po
Target	Secondary 4 to 6
No. of participants	30 - 40 per group, including 2-4 accompanying teachers
Duration	3 hours 30 minutes
Learning objectives	<ul style="list-style-type: none"> On site field trip to understand the development and town planning of Tai Po New Town To learn the conflict between environmental conservation and urban development To discuss how to change Hong Kong to be a sustainable city To understand the importance of building a sustainable city
Related curriculum	Geography, Biology, Integrated Science, Liberal Studies
Venue	Island House, Tai Po Old Market, Tai Po Town Centre, Ting Kok Road (Including the Mangrove - Site of Special Scientific Interest) and Tai Po Industrial Estate.
Activity format	<ul style="list-style-type: none"> Introduction to Tai Po history and Island House historical building Use tablet and mobile application to conduct on site field trip Group discussion on building a sustainable city

- Schools must **arrange their own coach** for this programme. The coach will be used during the **whole programme**.
- Coach **must have** a built-in **public address (PA) system**.
- This programme will be changed to an Island House Visit if any of the above requirements are not met.

APPLICATION DETAILS

- This is a charged programme, please visit WWF Education webpage for the programme / application details: wwf.org.hk/school/en
- For any enquiries, please contact our Education Department on tel. no. 2526-1011 (choose 2 for English, then press 5, 1, 3) or by e-mail at education@wwf.org.hk.

International Junior Science Olympiad 2017 - Hong Kong Screening

Aims / Objectives

This Annex is to invite Heads of secondary schools to nominate their students to take part in the International Junior Science Olympiad (IJSO) 2017 - Hong Kong Screening.

Details

2. The IJSO is an annual science competition in natural sciences for secondary students aged below 16. In order to identify the most appropriate cohort of students with high potential in science to take part in the relevant pre-competition training, the co-organisers of the IJSO 2017 - Hong Kong Screening, namely the Education Bureau, the Hong Kong Academy for Gifted Education (HKAGE), the Hong Kong Association for Science and Mathematics Education, and Chief Executive's Award for Teaching Excellence Teachers Association, will organise this Hong Kong Screening **in late September 2016**. Students with outstanding performance in the screening test may be offered a one-year training programme provided by the HKAGE and be selected to represent Hong Kong to participate in the 14th IJSO to be held in Netherlands from 3rd to 12th December 2017.

3. Schools interested in nominating students for the screening test are required to do so through the website of HKAGE (<http://ge.hkage.org.hk/en/competitions>) from **15 June 2016 (Wednesday) to 12 September 2016 (Monday) by 5:00 p.m.** Details and regulations of the screening have also been uploaded on the same website.

4. Results of the nomination and other details of the screening test will be released on **19 September 2016 (Monday)** through the above website. School principals, teachers and nominated students should check the nomination result and related details on the website accordingly. **No separate notification will be given.**

Contact Person

5. For enquiries, please contact Ms SO Ho-seen of the Hong Kong Academy for Gifted Education on 3940 0102 or by email to apd@hkage.org.hk.

‘All for Integrity’ Programme for Secondary Schools
(2016/17 School Year)

Aims / Objectives

This is to invite secondary schools to participate in the captioned programme.

Details

2. To support the launch of the ‘All for Integrity’ territory-wide programme, the Community Relations Department (CRD) of the ICAC will organise a series of activities under the captioned programme for secondary school students in the 2016/17 school year. It aims at promoting integrity messages and positive values, enriching student’s whole-person development and learning experiences through various activities. The Education Bureau is the supporting organisation of the programme.

3. Details of the programme are as follows:

Name of the activity	Content	Remarks
ICAC Interactive Drama	The ICAC will arrange for a professional drama troupe to perform interactive plays in schools with a view to educating students against the evils of corruption and exploring with them how to handle ethical challenges.	/
Visit to the ICAC	Students will visit the Exhibition Hall in the ICAC Building and attend a talk during which CRD officers will introduce to them the anti-corruption legislations, the landmark corruption cases over the years, the work of the different ICAC departments and the entry requirements, etc.	Please refer to Appendix 4a for the visit dates.
iTeen Leadership Programme for Senior Secondary School Students	In support of the ‘Other Learning Experiences’ (OLE) requirements of the New Senior Secondary Curriculum, the programme recruits students of Secondary 4 or above to be iTeen Leaders who will receive leadership training and assist teachers in organising probity promotion activities at schools to disseminate positive messages. Active iTeen Leaders will be awarded certificates of merits and gain the chance of participating in the ICAC’s ‘Job Shadowing’ activities.	For details of the programme, please refer to Appendix 4b.

4. Invitation letters for the activities above have been sent to the schools by the ICAC in May 2016. Interested schools please fill in the reply slip at Appendix 4c and send it to the ICAC (Fax no. 2530 1573).

Contact Person

5. For enquiries, please contact the Youth and Moral Education Office, CRD, ICAC at 2826 3374.

**‘All for Integrity’ Programme for Secondary Schools
(2016/17 School Year)**

Visit to the ICAC

Schools may arrange students to visit the Exhibition Hall in the ICAC Building at North Point on the following dates. Each visit session (around 1 hour 30 minutes) can accommodate a maximum of 200 students.

	Dates	Morning Session Suggested visit time: 10:30-12:00	Afternoon Session Suggested visit time: 14:30-16:00
February 2017	Feb 06 (Mon)		√
	Feb 07 (Tue)		√
	Feb 08 (Wed)		√
	Feb 09 (Thur)		√
	Feb 20 (Mon)		√
	Feb 21 (Tue)		√
	Feb 22 (Wed)		√
	Feb 23 (Thur)		√
March 2017	Mar 06 (Mon)		√
	Mar 07 (Tue)		√
	Mar 08 (Wed)		√
	Mar 09 (Thur)		√
	Mar 20 (Mon)		√
	Mar 21 (Tue)		√
	Mar 22 (Wed)		√
	Mar 23 (Thur)		√
April 2017	Apr 24 (Mon)		√
	Apr 25 (Tue)		√
	Apr 26 (Wed)		√
	Apr 27 (Thur)		√
May 2017	May 02 (Tue)		√
	May 15 (Mon)		√
	May 16 (Tue)		√
	May 17 (Wed)		√
June 2017	Jun 26 (Mon)	√	√
	Jun 27 (Tue)	√	√
	Jun 28 (Wed)	√	√
	Jun 29 (Thur)	√	√
July 2017	Jul 03 (Mon)	√	√
	Jul 04 (Tue)	√	√
	Jul 05 (Wed)	√	√
	Jul 06 (Thur)	√	√



'All for Integrity'

iTeen Leadership Programme for Senior Secondary School Students 2016/17

★ Objectives

- To recruit senior secondary students to become iTeen Leaders for leadership training, enhance their understanding on the work of the ICAC and awareness of the evils of corruption, as well as reinforce their positive values.
- To engage iTeen Leaders in assisting teachers in organising probity promotion activities and disseminating integrity messages to their fellow schoolmates.
- To support the Senior Secondary Curriculum in enriching students' whole-person development and learning experiences through organising various activities (students may accumulate their OLE hours by participating in the programme)

★ Important Dates

2016

- May - Jun** School Application
- Sep - Oct** Submission of the name list of 'iTeen Leaders' and details of the proposed activities by schools
- Nov - Dec** Input Session and other training activities (to be confirmed) for iTeen Leaders

2017

- Jan - Apr** iTeen Leaders assisting teachers in organising probity promotion activities at schools (Schools may also arrange activities such as visits to the ICAC and Interactive drama in other months flexibly)
- May - July** Submission of Activities Records by schools (Schools interested in participating in ICAC's 'Job Shadowing' activities should submit the records together with a Powerpoint Report by late May 2017)
- Early July** ICAC's 'Job Shadowing' Activities (tentatively a 2-day activity)
- July - Aug** Award of Certificates to iTeen Leaders



★ Suggested Activities

- Each participating school is required to organise at least one probity promotion activity and iTeen Leaders' will be responsible for assisting teachers in coordinating the details and promotion of the activities:

Visit to the ICAC	ICAC Interactive Drama	ICAC Exhibition	Integrity Micro Film Show
'iCAC Investigators' TV Drama Show	Photo-taking Competition	Writing Competition	Poster Design Competition
School Forum	The Maze Game	Video Competition	Lyric Writing and Singing Competition
iTeen Detective Game	Other forms of school-based activities (iTeen Leaders may organise other activities in a creative way according to the characteristics of their schools and interests of their fellow schoolmates)		

*To support schools in organising the activities, the ICAC will provide resources and suggestions on the detailed arrangement for reference by teachers. For details, please refer to 'Activities Manual for Teachers' at <http://www.me.icac.hk/new/5538>.

★ Awards

- Certificates of participation / awards will be issued to schools and iTeen Leaders according to the number of activities organised and activities records / reports submitted to the ICAC:

Best Partner Award	<ul style="list-style-type: none"> School(s) with the greatest number of activities organised School(s) with the highest student participation rate in the activities
Gold Award	<ul style="list-style-type: none"> Organised at least 3 activities Submitted Activities Record and Powerpoint Report (including a brief description of the activities, effectiveness, students' reflection, photos and/or video clips, etc.) <i>"Schools getting the Gold Award can nominate their iTeen Leaders to participate in ICAC's 'Job Shadowing' Activities. (If the number of eligible schools exceeds the maximum capacity, a draw will be conducted to allocate the limited places.)"</i>
Silver Award	<ul style="list-style-type: none"> Organised at least 3 activities Submitted Activities Record with at least one photo
Bronze Award	<ul style="list-style-type: none"> Organised at least 2 activities Submitted Activities Record
Certificate of Participation	<ul style="list-style-type: none"> Organised at least 1 activity Submitted Activities Record

**To: Youth and Moral Education Office, Community Relations Department,
ICAC
(Fax No.: 2530 1573)**

‘All for Integrity’ Programme for Secondary School (2016/17 School Year)

Reply Slip

(Please return to the ICAC **on or before 20 June 2016.**)

School Name : _____
School Address : _____
Name of Principal : _____ **Name of Teacher-in-charge** : _____
Telephone No. : _____ **Fax No.** : _____ **Email** : _____

Our school would like to participate in the following activities (please tick in the appropriate box(es) and fill in the necessary information):

Activity	Estimated number of participating students	Date / Time*
<input type="checkbox"/> ICAC Interactive Drama (around 1 hour) <ul style="list-style-type: none"> Tentatively scheduled to be held from 26 Sep 2016 to 14 July 2017. 	Estimated no. of participants : _____ (_____ classes in Form _____) (This activity is suitable for F.4 or F.5 students. To facilitate interaction, please arrange the show to be held in the school hall for students of the <u>same form.</u>)	First choice: Date: _____ Time: _____ Second choice: Date: _____ Time: _____
<input type="checkbox"/> Visit to the ICAC (around 1 hour 30 minutes) <ul style="list-style-type: none"> Tentatively scheduled to be held from Feb to July 2017 (Mondays to Thursdays). Please refer to <i>Appendix 4a</i> for details. 	Estimated no. of participants : _____ (A maximum of 200 students for each session) (Form _____)	First choice: Date: _____ Time^: _____ Second choice: Date: _____ Time^: _____ ^The suggested visit time is 14:30 – 16:00 (morning sessions are also available in June and July 2017 and the suggested visit time is 10:30 – 12:00).
<input type="checkbox"/> iTeen Leadership Programme for Senior Secondary School Students <ul style="list-style-type: none"> Please refer to <i>Appendix 4b</i> for details. 	Estimated no. of participants : _____ (Form _____) (Each school may nominate 6 – 10 students (F.4 or above) as iTeen Leaders. The name list of iTeen Leaders and details of the proposed activities should be submitted to the ICAC in Sep 2016.)	The Input Session for iTeen Leaders is tentatively scheduled to be held on 19 Nov 2016 (Sat) (morning or afternoon session, around 3 hours per session).

*If the number of applications received exceeds the maximum capacity, the dates/time slots will be allocated on a first come, first served basis. The ICAC will try to offer the school its second choice if the first choice cannot be accommodated.

Principal's Signature and School Chop: _____

Date: _____

53rd Schools Dance Festival

Objectives

This is to inform all primary, secondary and special schools about the competition schedule of the above-mentioned festival so that schools can plan ahead for the event.

Details

2. The Schools Dance Festival (SDF) is jointly organised by the Education Bureau and the Hong Kong Schools Dance Association Limited (HKSDA) with venues and ticketing services sponsored by the Leisure and Cultural Services Department.

3. The competition phase of the 53rd SDF will take place from 17 January to 28 February 2017. Schools may refer to the schedule specified in Appendix 5a and Appendix 5b.

4. The rules of competition and entry submission will be announced in early October 2016 through the EDUCATION BUREAU CIRCULAR MEMORANDUM on “Application for Participation in Student Educational Activities and Events”. For details, schools may also refer to the website of the HKSDA (<http://www.hksda.org.hk/>) in due course.

Contact Person

5. For enquiries, please contact Ms Chrissy NG of the HKSDA on 3741 2973.

53rd Schools Dance Festival
Competition Schedule by Dance Type

Type of Dance	Section	Solo/ Duet/ Trio	Group	Date
Chinese Dance	LP & UP	✓		25/1/2017
	UP		✓	19-24/1/2017
	LP		✓	11-14/2/2017
	Secondary	✓		16-17/2/2017
			✓	8-10/2/2017
	Special School	✓	✓	10/2/2017
Western Dance	LP & UP	✓	✓	20-21/2/2017
	Secondary	✓	✓	3/2/2017
	Special School	✓	✓	20/2/2017
Oriental Dance	LP & UP	✓	✓	11/2/2017
	Secondary	✓	✓	12/2/2017
	Special School	✓	✓	11/2/2017
Modern Dance	LP & UP	✓	✓	18-19/2/2017
	Secondary	✓		17/1/2017 (18/1/2017 reserved)
			✓	7/2/2017
	Special School	✓	✓	15/2/2017
Children Dance	LP	✓	✓	21-22/2/2017
		✓		(23/2/2017 reserved)
Jazz & Street Dance	Secondary	✓		18/1/2017
			✓	4-6/2/2017
DanceSport	Primary	-----		26-27/2/2017
	Secondary	-----		28/2/2017

Remarks:

1. LP: Lower Primary, UP: Upper Primary
2. The organiser reserves the right to make the final decision of the competition schedule

The 53rd Schools Dance Festival

Competition Schedule in Chronological Order

Date	Section	Type of Dance	Dance Type & Section
17-1-2017 (Tuesday)	Secondary	Modern Dance	Solo/ Duet/ Trio
18-1-2017 (Wednesday) TBC	Secondary	Modern Dance	Solo/ Duet/ Trio
18-1-2017 (Wednesday)	Secondary	Jazz & Street Dance	Solo/ Duet/ Trio
19-1-2017 (Thursday)	UP	Chinese Dance	Group Dance
20-1-2017 (Friday)	UP	Chinese Dance	Group Dance
21-1-2017 (Saturday)	UP	Chinese Dance	Group Dance
22-1-2017 (Sunday)	UP	Chinese Dance	Group Dance
23-1-2017 (Monday)	UP	Chinese Dance	Group Dance
24-1-2017 (Tuesday)	UP	Chinese Dance	Group Dance
25-1-2017 (Wednesday)	LP & UP	Chinese Dance	Solo/ Duet/ Trio
3-2-2017 (Friday)	Secondary	Western Dance	Group Dance, Solo/ Duet/ Trio
4-2-2017 (Saturday)	Secondary	Jazz & Street Dance	Group Dance
5-2-2017 (Sunday)	Secondary	Jazz & Street Dance	Group Dance
6-2-2017 (Monday)	Secondary	Jazz & Street Dance	Group Dance
7-2-2017 (Tuesday)	Secondary	Modern Dance	Group Dance
8-2-2017 (Wednesday)	Secondary	Chinese Dance	Group Dance
9-2-2017 (Thursday)	Secondary	Chinese Dance	Group Dance
10-2-2017 (Friday)	Secondary	Chinese Dance	Group Dance
10-2-2017 (Friday)	Special School	Chinese Dance	Group Dance, Solo/ Duet/ Trio
11-2-2017 (Saturday)	LP, UP & Special School	Oriental Dance	Group Dance, Solo/ Duet/ Trio
11-2-2017 (Saturday)	LP	Chinese Dance	Group Dance
12-2-2017 (Sunday)	LP	Chinese Dance	Group Dance
12-2-2017 (Sunday)	Secondary	Oriental Dance	Group Dance, Solo/ Duet/ Trio
13-2-2017 (Monday)	LP	Chinese Dance	Group Dance
14-2-2017 (Tuesday)	LP	Chinese Dance	Group Dance
15-2-2017 (Wednesday)	Special School	Modern Dance	Group Dance, Solo/ Duet/ Trio
16-2-2017 (Thursday)	Secondary	Chinese Dance	Solo/ Duet/ Trio
17-2-2017 (Friday)	Secondary	Chinese Dance	Solo/ Duet/ Trio
18-2-2017 (Saturday)	LP & UP	Modern Dance	Group Dance, Solo/ Duet/ Trio
19-2-2017 (Sunday)	LP & UP	Modern Dance	Group Dance, Solo/ Duet/ Trio
20-2-2017 (Monday)	LP, UP & Special School	Western Dance	Group Dance, Solo/ Duet/ Trio
21-2-2017 (Tuesday)	LP & UP	Western Dance	Group Dance, Solo/ Duet/ Trio
21-2-2017 (Tuesday)	LP	Children Dance	Group Dance, Solo/ Duet/ Trio
22-2-2017 (Wednesday)	LP	Children Dance	Group Dance, Solo/ Duet/ Trio
23-2-2017 (Thursday) TBC	LP	Children Dance	Solo/ Duet/ Trio
26-2-2017 (Sunday)	Primary	DanceSport	-----
27-2-2017 (Monday)	Primary	DanceSport	-----
28-2-2017 (Tuesday)	Secondary	DanceSport	-----

Remarks:

1. LP: Lower Primary, UP: Upper Primary
2. The organiser reserves the right to make the final decision of the competition schedule

Hong Kong STEM Olympiad 2016

Aims/Objectives

This is to invite secondary schools to nominate Secondary 5 and 6 students to participate in the Hong Kong STEM Olympiad 2016.

Details

2. The Education University of Hong Kong (EdUHK) will organise the Hong Kong STEM Olympiad 2016 on 8 July 2016 (Friday) at the EdUHK (Tai Po Campus).
3. The event aims to provide senior secondary school students with learning opportunities outside classroom to deepen their understanding of Science, Technology, Engineering and Mathematics (STEM), and to enhance their interest in pursuing further study and future career in STEM related disciplines.
4. For details, please refer to Appendix 6a or visit the website of the Hong Kong STEM Olympiad 2016 (<http://www.ied.edu.hk/stemo/>). Online applications can be made on or before **8 June 2016 (Wednesday)**.

Contacts

5. For enquiries, please contact the Secretariat of Hong Kong STEM Olympiad 2016 by phone at 2948 8390 or via email to stemo@ied.edu.hk.

Hong Kong STEM Olympiad 2016

The captioned event consists of two parts:

Part I : Knowledge Challenge

Students will participate on both an individual and a team basis to demonstrate their knowledge in relation to STEM disciplines.

Part II : Innovations in Practice

Students will work in teams to solve a problem and create an innovative design, artefact or solution that requires integration and application of STEM related knowledge and skills.

Regulations

- Secondary 5 and 6 students could form teams of four to participate in the event.
- Each team could comprise four Secondary 5 and/or 6 students in any combination.
- Each team should comprise students taking the subjects of Physics, Chemistry, Biology, Information and Communication Technology (ICT) to solve problems related to all the four subject areas.
- Each school could nominate one to four teams.
- Priority will be given to schools that nominate teams comprising S6 students.

Rundown of the Competition

Rounds	Items	Question type
Morning Session Part I: Knowledge Challenge	<u>Part I (a): Individual Knowledge Challenge</u> Members of each team to answer questions in Physics, Chemistry, Biology or ICT respectively	Multiple-choice questions *
	<u>Part I (b): Team Knowledge Challenge</u> Each team to answer mathematics problems related to all four areas (Physics, Chemistry, Biology and ICT)	Multiple-choice questions *
Afternoon Session Part II: Innovations in Practice	<u>Part II: Innovations in Practice</u> Each team to solve a problem and create an innovative design, artefact or solution that requires integration and application of STEM related knowledge and skills	Hands-on problem solving and design

* Questions in both English and Chinese will be provided.

Prizes and Awards

- Individual awards (gold, silver and bronze medals) for the three students with the highest ranking in each subject area (Physics/ Chemistry/ Biology/ ICT) in Part I (a) of the competition.
- Team awards (champion trophies for schools plus gold, silver and bronze medals for individuals) for the best three teams in Parts I (b) and II.
- Grand prizes (coupons and/or mobile devices) for team members of the overall champion in Part II.
- Certificates of High Distinction, Distinction, or Credit for all individuals up to the required standards.

Application

Online applications can be made on the website of the Hong Kong STEM Olympiad 2016 (<http://www.ied.edu.hk/stemo/>) on or before **8 June 2016 (Wednesday)**.

Enquiries

For enquiries, please contact the Secretariat of Hong Kong STEM Olympiad 2016 by phone at 2948 8390 or via email to stemo@ied.edu.hk.

“Science in the Public Service” Campaign 10th Anniversary Roving Exhibition on “Climate Change – Our Response” and “Ten Years of Passion” Lecture Series

Aims / Objectives

“Science in the Public Service” is a joint platform by some 50 government bureaux/departments and collaborating organisations to promote relevant scientific work and application of science and technology in the provision of public services. With the platform entering its 10th Anniversary this year, a roving exhibition on “Climate Change – Our Response” and a lecture series of “Ten Years of Passion” will be organised.

Details

2. The “Climate Change – Our Response” roving exhibition will be organised at ten different venues in Hong Kong from June to November 2016. The objectives of the roving exhibition are to enhance public understanding of climate change and its impact, to raise public awareness of response and to promote response actions. The exhibition will demonstrate the work of government bureaux/departments and ways of response by other organisations, community associations and members of the public in combat of climate change in five main areas (energy and living, transportation, food and water resources, safety and health, environment and sustainable development), and under three pillars (mitigation, adaptation and resilience). The exhibition will be free of charge and open to the public. Details of the exhibition are available on the relevant webpage (<http://www.science.gov.hk/exhib2016/index.htm>).

3. The “Ten Years of Passion” lecture series will be organised at the Hong Kong Science Museum from June to December this year. There will be a total of 25 talks from more than 10 government departments, collaborating organisations and tertiary institutions, spanning a wide scope of subject areas in contents, including weather and climate, green living and environment, medicinal chemistry, engineering and facility, telecommunication, statistics and education. The talks will be conducted in Cantonese. They will be free of charge with seats available on a first-come first-served basis. Details of the lecture series can be found on the relevant webpage (<http://www.science.gov.hk/eng/info-talks.htm>). The contents of this lecture series are related to the curricula of the Science Education and Personal, Social and Humanities Key Learning Areas, General Studies for primary schools and the Senior Secondary Liberal Studies curriculum.

Contact Person

4. For enquiries, please contact Mr Terence KUNG, Scientific Officer of the Hong Kong Observatory at 2926 8319.

Schools Creative Music Showcase 2016/17 (Primary Schools)

Aims / Objectives

This is to invite primary schools to participate in the captioned Schools Creative Music Showcase (the Showcase).

Details

2. The Showcase aims to stimulate and promote creative music making in schools, and encourages pupils to present their original ideas in and derive pleasure from multi-media creative activities. The Showcase is jointly presented by the Arts Education Section of the Education Bureau (EDB) and the Hong Kong Composers' Guild, supported by Youth.gov.hk and sponsored by the Composers and Authors Society of Hong Kong and the Leisure and Cultural Services Department.

3. Details of the Showcase and the guidelines on the three selected Creative Sound Projects have been uploaded to the EDB website: <http://www.edb.gov.hk/musicshowcase>. A poster for this event will be sent to schools in June 2016 for display.

4. Interested schools please complete the Application Form and return it by fax (Fax. no.: 2336 8510) **on or before 9 September 2016 (Friday)**. Schools being accepted will be notified on or before 16 September 2016 (Friday).

Contact Person

5. For enquiries, please contact Mr FUNG Chi-hong, Chris of the Arts Education Section, Curriculum Development Institute of the EDB on 3698 3532.

Schools Creative Music Showcase 2016/17 (Secondary Schools)

Aims/Objectives

This is to invite secondary schools to participate in the captioned Schools Creative Music Showcase (the Showcase).

Details

2. The Showcase aims to stimulate and promote creative music making in schools, and encourages students to present their original ideas in and derive pleasure from multi-media creative activities. The Showcase is jointly presented by the Arts Education Section of the Education Bureau (EDB) and the Hong Kong Composers' Guild, supported by Youth.gov.hk and sponsored by the Composers and Authors Society of Hong Kong and the Leisure and Cultural Services Department.

3. Schools are welcome to participate in either **the Elite Group** (max. 15 performers) or **the Premier Group** (max. 80 performers) of the Showcase.

4. Details of the Showcase have been uploaded to the EDB website: <http://www.edb.gov.hk/musicshowcase>. A poster for this event will be sent to schools in June 2016 for display.

5. Interested schools please complete the Application Form and return it by fax (Fax. no.: 2336 8510) **on or before 8 July 2016 (Friday)**. Schools being accepted will be notified on or before 15 July 2016 (Friday).

Contact Person

6. For enquiries, please contact Mr FUNG Chi-hong, Chris of the Arts Education Section, Curriculum Development Institute of the EDB on 3698 3532.

Mathematics World Lecture Series: Closing Lecture

Aims / Objectives

The aim of this annex is to invite primary and secondary schools to participate in the captioned lecture.

Details

2. The 57th International Mathematical Olympiad (IMO) will be held in Hong Kong in July 2016. The International Mathematical Olympiad Hong Kong Committee Limited (IMOHKCL) and the Hong Kong University of Science and Technology are respectively the Host Organisation and the Host University of this event, and the Education Bureau of the Government of the Hong Kong Special Administrative Region is the Supporting Organisation of the event.

3. In order to arouse students' and teachers' awareness of this international mathematical event, enhance students' interest in mathematics, and enrich teachers' professional knowledge in mathematics, the Mathematics Education Section of the Education Bureau and the IMOHKCL jointly organise the "Mathematics World Lecture Series".

4. The Series began with the Inaugural Lecture on 11 April 2015 and continues to run in every fortnight time (except school holidays) and so far more than 20 lectures have been successfully launched. This upcoming one will be the last one of the series – the Closing Lecture.

5. The Closing Lecture will be held on 25 June 2016 (Saturday) in the Academic Community Hall, Hong Kong Baptist University. Please refer to Appendix 10a for further details.

6. The Mathematics Education Section has already distributed a set of posters to promote the event to all schools in Hong Kong in mid-May 2016.

7. Schools interested in nominating their teachers and students (and their parents) to participate in the captioned lecture are requested to complete the Enrolment Form in Appendix 10b and return it to the Mathematics Education Section of the Education Bureau by Fax on or before **17 June 2016 (Friday)**.

Contact Person

8. For enquiries, please contact Mr CHENG Sze-man of the Mathematics Education Section, Education Bureau on 2153 7436.

Mathematics World Lecture Series: Closing Lecture

Date: 25 June 2016

Time: 9:30 a.m. – 5:30 p.m.

Venue: The Academic Community Hall, Hong Kong Baptist University, 224 Waterloo Road, Kowloon.

Theme: A Course in Exploring Mathematics and its Applications

Programme

Time	Program
09:30 – 09:40	Registration
09:40 – 09:50	Opening Remark and Souvenir Presentation
09:50 – 11:05	Talk 1: Fascinated by Mathematics Speaker: Hon Jasper TSANG Yok-sing, GBM, GBS, JP, President of the Legislative Council, of the Hong Kong Special Administrative Region of the People's Republic of China
11:05 – 11:15	Recess
11:15 – 12:30	Talk 2: The Art of Sharing – Fairness by the Helping Hands of Mathematics Speaker: Dr TONG Chong-sze, Secretary General of The Hong Kong Examinations and Assessment Authority
12:30 – 14:30	Lunch
14:30 – 14:40	Registration
14:40 – 14:50	Souvenir Presentation
14:50 – 16:05	Talk 3: What is Mathematics? A Reflection on the Nature of Mathematics Speaker: Professor LEUNG Koon-shing, Kintoy Professor in Mathematics Education, the University of Hong Kong
16:05 – 16:15	Recess
16:15 – 17:30	Talk 4: What's Mathematics Got to Do with It? Speaker: Professor Tony F CHAN, President of the Hong Kong University of Science and Technology

Speakers



Hon Jasper
TSANG Yok-sing



Dr TONG
Chong-sze



Professor LEUNG
Koon-shing



Professor Tony F
CHAN

Enrolment Form**Mathematics World Lecture Series: Closing Lecture – 25 June 2016**

Mathematics Education Section
 Education Bureau
 4/F, Kowloon Government Offices
 405 Nathan Road, Kowloon
 Fax No.: 3426 9265
 (Attn: Mr CHENG Sze-man)

I nominate the following teacher(s) and _____ student(s) (together with _____ accompanied parents) to participate in the captioned lecture. The nominated teachers are as follows:

Teacher(s):

	Name (in Chinese)	Name (in English)	e-Services Portal login name	a.m.	p.m.	WD
1.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Please make copies if necessary)

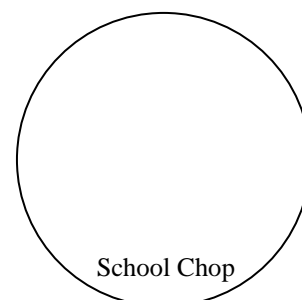
Name of school: _____

Telephone: _____

Name of School Head: _____

Signature of School Head: _____

Date: _____



**“My NAS Learning Journey” Seminar cum
Secondary School Student Short Video Campaign
Award Presentation Ceremony**

Aims / Objectives

The purpose of this Annex is to invite secondary schools to participate in the captioned event to be held at Sha Tin Government Secondary School at 9:15 a.m. on Saturday, 2 July 2016.

Details

2. The Hong Kong school curriculum aims at providing broad and balanced learning experiences for students to facilitate their whole-person development and foster their life-long learning capabilities. The Senior Secondary Curriculum implemented since 2009 has further ensured students' quality learning in diverse experiences through Core and Elective Subjects (including Applied Learning and other languages courses) as well as Other Learning Experiences (OLE). The captioned event aims at manifesting students' learning outcomes and the impact of the school curriculum implementation through the learning stories told by students after they have reflected on and consolidated their personal experiences of the learning journey.

3. The captioned event will start with a forum with experienced educators as panellists, including Prof Kenneth YOUNG, Chairperson of Curriculum Development Council, to discuss on the impact and the way forward of secondary school curriculum development in Hong Kong. It will then be followed by sharing of schools adopting the “Students as Learning Experience Designers” (“Student-LED”) approach in implementing OLE. The “My NAS Learning Journey” Student Short Video Campaign Award Presentation Ceremony will also be conducted on the same occasion. The programme detailed information is attached in Appendix 11a.

4. All secondary school students are welcome to attend the captioned event for a deeper understanding of the secondary school curriculum and sharing the learning outcomes of other students. Schools that are interested in nominating their students to attend this event are requested to post or fax the completed Nomination Form (Appendix 11b) to the Life-wide Learning and Library Section by Friday, **24 June 2016**. All nominations will be processed on a first-come-first-served basis. Schools will be notified of the nomination result through fax on or before **Monday, 27 June 2016**. School principals and teachers who are interested in participating in this event can make on-line registration through the Training Calendar System (Course ID: CDI020161083). As for schools that have participated in the Student Short Video

Campaign and are intending to send representatives to attend the Award Presentation Ceremony, they are **NOT** required to fill in the application form. They will be informed of the arrangement in due course.

Contact Person

5. For enquiries, please contact Ms Susanna CHEUNG (phone: 2892 6492) or Ms WONG Wing-yee (phone: 2892 6490) of the Life-wide Learning and Library Section, EDB.

**“My NAS Learning Journey” Seminar cum
Secondary School Student Short Video Campaign
Award Presentation Ceremony**

Date: 2 July 2016 (Saturday)

Time: 9:15 a.m. – 1:00 p.m.

Venue: Sha Tin Government Secondary School (11-17 Man Lai Road, Sha Tin, New Territories)

Programme (Tentative)

	Content	Venue
9:15-9:30	Registration	School Hall
9:30-9:35	“New Milestone of Senior Secondary Education” Video	
9:35-10:20	Forum: Prof Kenneth YOUNG Chairperson, Curriculum Development Council Prof HAU Kit-tai Choh-Ming Li Professor of Educational Psychology, CUHK Ms CHIN Kwan-ying Principal, SKH St Mary’s Church Mok Hing Yiu College	
10:20-10:55	“Student-LED” (Note 1) School Presentation and Sharing	
10:55-11:30	“My NAS Learning Journey” Student Short Video Campaign Award (Note 2) Presentation Ceremony	
11:30-12:30	“Student-LED” School Poster Presentations & “My NAS Learning Journey” Awardee Student Short Video Screening and Sharing	School Classrooms
12:30-13:00	Feedbacks and Concluding Remarks	School Hall

Note 1: The Curriculum Development Institute, Hong Kong Association of the Heads of Secondary Schools, and the Centre for Engineering Education Innovation of the Hong Kong University of Science and Technology jointly organised a Pilot Project from 2010 to 2013 on using the “Students as Learning Experience Designers” (“Student-LED”) approach in implementing OLE. Further to the positive impacts on students’ development of self-directed learning capabilities, leadership and reflective habits found from the Pilot Project, a “Student-LED” Network has been established since the 2013/14 school year to further promote the “Student-LED” culture in schools. Student and teacher workshops, professional sharing sessions and inter-school visits have been conducted to encourage network schools to share their school-based experiences. A learning symposium is being held by the EDB every year for participating schools, through Powerpoint or poster presentations, to share students’ learning stories. Students, teachers and invited guests from the community would ask questions about and give feedbacks on schools’ presentations to facilitate peer learning among students and the professional exchange among teachers.

Note2: The EDB and the Hong Kong Education City Limited (HKedCity) co-organise the “My NAS Learning Journey” Student Short Video Campaign in this school year, aiming to encourage students to present their reflections on their learning experiences and accomplishments in different aspects under the New Academic Structure (NAS) through video production. (Please refer to EDB Circular Memorandum No. 5/2016 for details). The results of the Student Short Video Campaign will be announced in June 2016 on the EDB Life-wide Learning website (www.edb.gov.hk/cd/lwl). The awardees will be notified individually and invited to attend the award presentation ceremony and present their award-winning videos and ideas in the course of production.

Attn: Life-wide Learning and Library Section, Education Bureau
Rm 1324, 13/F, Wu Chung House, Queen's Road East, Wanchai
Hong Kong.

Fax No.: **2892 6428**

[Please post or fax the completed application form by **24 June 2016 (Friday)**]

**“My NAS Learning Journey” Seminar cum
Secondary School Student Short Video Campaign
Award Presentation Ceremony
Nomination Form**

My school nominate _____ (amount) students to participate in the captioned event held on **Saturday, 2 July 2016**. *(All nominations will be processed on a first-come-first-served basis. Schools will be notified of the nomination result through fax on or before Monday, 27 June 2016.)*

School information

School Name: _____

School Address: _____

Contact Person: *Mr/Mrs/Ms/ _____ *(*Please delete as appropriate)*

Telephone No. : _____ Fax No. : _____

E-Mail Address: _____

<p>School Chop</p>

Signature of School Head: _____

Name of School Head: _____

(in BLOCK letters)

Date: _____

N.B. Schools that have participated in the Student Short Video Campaign and are intending to send representatives to the Award Presentation Ceremony are NOT required to fill in the application form. They will be informed of the arrangement in due course.