

### **Water Saving School – Chi Hong Primary School**

Pic 1 : The Grand Champion & Gold Award – Sha Tin District of “Cherish Water Campus” 2021/22 - Chi Hong Primary School

Pic 2 : Outstanding Leadership Award – Principal, Ms. Yeung Tung Mui

Pic 3 : Outstanding Planning Teacher – Ms. Chan Hiu Sze

Pic 4 : Water Conservation Stars – Ling Shuk Yi, Chen Shu Yi, Hung Ngai Ting

Pic 5 : The Winning Entry of Promotional Video Contest - 《吓！一齊去左冇水嘅世界！》

Let’s appreciate the masterpieces from Water Saving Week!

<https://www.waterconservation.gov.hk/en/at-school/index.html>

The award list of “Cherish Water Campus” Integrated Education Programme - Primary School (school year 2021/22) has been released. 19 schools received Gold Award, 16 schools received Silver Award and 14 schools received Bronze Award. Chi Hong Primary School in Sha Tin district won the Grand Champion. Congratulations to all awarded schools, principals, teachers and students. Thanks for schools’ dedication in advocating water conservation education while facing COVID-19 pandemic.

Chi Hong Primary School selected “Understand Water” and “Cherish Water” as the theme in school year 2021/22 to implement cross-curricular learning. Ms. Chan Hiu Sze, the planning teacher, said that it was not easy to organise activities during the epidemic. Fortunately, with the support of school and teachers, diversified activities like research, group discussion, water filter DIY etc. were successfully organised. Students could understand the importance of water resources and water conservation.

Furthermore, Chi Hong Primary School actively joined Water Saving Week 2022 organised by WSD. Its team won the 2<sup>nd</sup> runner up and The Most Liked Award in the Promotional Video Contest. Awardees were delighted to spread the messages of water conservation to their families and friends successfully. They hoped everyone could contribute to the betterment of our valuable water resources.

WSD launched “Cherish Water Campus” in the 2015/16 school year, aims to strengthen students’ understanding and awareness of water resources in Hong Kong and the world through a series of learning activities, hoping that the culture of cherishing water can be sustained. Now, over 400 primary schools have joined the programme.

**“Cherish Water Campus” Integrated Education Programme - Primary School  
(School Year 2021-2022) Award List**

\*Listed in no particular order

<b>Excellent School Sponsoring Body Award</b>	<b>Grand Champion</b>
Chi Hong Ching Yuen	Chi Hong Primary School

**Winning School Sponsoring Body Award**

Anglican (Hong Kong) Primary Schools Council Limited	Education Bureau
Fanling Public School (School Board of Directors) Limited	Fung Kai Public School
Heung Hoi Ching Kok Lin Association	Hong Kong Chiu Chow Chamber of Commerce
Hong Kong Lasallian Family	Hong Kong Red Swastika Society
Kowloon Tong School	Ling Liang World-Wide Evangelist Mission Association
Po Leung Kuk	Queen Elizabeth School Old Students Association Education Promotion Organization Limited
Salesians of Don Bosco	Sam Shui Natives Association
Shun Tak Fraternal Association	Sik Sik Yuen
Tai Po Baptist Church	The Baptist Convention of Hong Kong
The Catholic Diocese Of Hong Kong	The Congregation of the Immaculate Heart of Mary Scheut Mission
The Council of St. Paul's Co-educational College	The Evangelical Lutheran Church of Hong Kong
The Hong Kong Council of The Church of Christ in China	The Hong Kong Eng Clansman Association School Limited
The Lok Sin Tong Benevolent Society, Kowloon	The Lutheran Church Hong Kong Synod

The Methodist Church, Hong Kong	The North Point Kai-fong Welfare Advancement Association
The Superioress of The Sisters of The Precious Blood	The Tung Koon District General Association
University of Shanghai Alumni Association of Hong Kong Limited	Wofoo Foundation Ltd.
Yan Chai Hospital	Yuen Long Public Middle School Alumni Association

**Gold Award and Outstanding Leadership Award in different districts**

<b>District</b>	<b>Gold Award</b>	<b>Outstanding Leadership Award (Principal)</b>
Central and Western District	Central & Western District St. Anthony's School	Mr. Kwok Tat Wah
Eastern District	Chan's Creative School (H.K. Island)	Ms. Cheng Wai Ki
Southern District	Precious Blood Primary School (Wah Fu Estate)	Ms. Chow Kwai Fong
Wan Chai District	S.K.H. St. James' Primary School	Mr. Lee Man Kit
Kowloon City District	Ma Tau Chung Government Primary School	Ms. Chan Yim Chuk
Kwun Tong District	St. John the Baptist Catholic Primary School	Ms. Chan Sau Yee
Sham Shui Po District	Ka Ling School of The Precious Blood	Ms. Fung Man Yi Wendy
Wong Tai Sin District	Ho Lap Primary School (sponsored by Sik Sik Yuen)	Mr. Ng Shu Tung
Yau Tsim Mong District	T.K.D.S. Fong Shu Chuen School	Mr. Tsang Ying Yin
Kwai Tsing District	S.K.H. Ho Chak Wan Primary School	Mr. Eric Cheung Cheong Ming
North District	Fung Kai No.1 Primary School	Mr. Chu Wai Lam
Sai Kung District	St. Andrew's Catholic Primary School	Mr. Chan Sin Fo
Sha Tin District	Chi Hong Primary School	Ms. Yeung Tung Mui
Tai Po District	Tai Po Baptist Public School	Ms. Choi Bik Yui
Tsuen Wan District	Chai Wan Kok Catholic Primary School	Ms. Chow Hoi Yan Santana
Tuen Mun District	1) Castle Peak Catholic Primary School	Ms. Wong Yuk Han
	2) The Hong Kong Eng Clansman Association Wu Si Chong Memorial School	Ms. Chu Siu Fong
Yuen Long District	W F Joseph Lee Primary School	Ms. Poon Ka Suen Victoria
Islands District	Ho Yu College and Primary School (Sponsored by Sik Sik Yuen)	Ms. Leung Wai Fong

**Silver Award in different districts**

<b>District</b>	<b>Silver Award</b>
Central and Western District	1) Bonham Road Government Primary School 2) Chiu Sheung School, Hong Kong 3) S.K.H. St. Peter's Primary School
Eastern District	Shanghai Alumni Primary School
Southern District	St. Paul's Co-educational College Primary School
Kowloon City District	Kowloon Tong School (Primary Section)
Sham Shui Po District	Fuk Wing Street Government Primary School
Kwai Tsing District	E.L.C.H.K. Kwai Shing Lutheran Primary School
North District	Fanling Public School
Sai Kung District	Tseung Kwan O Catholic Primary School
Sha Tin District	Leung Kui Kau Lutheran Primary School
Tai Po District	Tai Po Methodist School
Tsuen Wan District	Si Yuan School of the Precious Blood
Tuen Mun District	Hong Kong Red Swastika Society Tuen Mun Primary School
Yuen Long District	South Yuen Long Government Primary School
Islands District	Ling Liang Church Sau Tak Primary School

**Bronze Award in different districts**

<b>District</b>	<b>Bronze Award</b>
Eastern District	Salesian School
Kowloon City District	Chan Sui Ki (La Salle) Primary School
Sham Shui Po District	Sham Shui Po Government Primary School
Kwai Tsing District	1) C.C.C. Chuen Yuen Second Primary School 2) Salesian Yip Hon Millennium Primary School
North District	HHCKLA Buddhist Ching Kok Lin Association School
Sai Kung District	1) Lok Sin Tong Lau Tak Primary School 2) Y.C.H. Chan Iu Seng Primary School
Sha Tin District	P.L.K. Chong Kee Ting Primary School
Tai Po District	Sam Shui Natives Association Huen King Wing School
Tsuen Wan District	Hong Kong Baptist Convention Primary School
Yuen Long District	1) Q.E.S. Old Students' Association Branch Primary School 2) S.T.F.A. Wu Mien Tuen Primary School 3) Y.L.P.M.S. Alumni Association Tang Ying Yip Primary School

### Water Conservation Star Award

School	Awardee (Student)
Chai Wan Kok Catholic Primary School	Chan Hei Sim, Yeung Carson Chun Leong, Chung Ho Yuet
Chan's Creative School (H.K. Island)	Shi Xiao Lei, Guan Tsz Ching, Ho Liu Yin
Chi Hong Primary School	Chen Shu Yi, Hung Ngai Ting, Ling Shuk Yi
Fung Kai No.1 Primary School	Lin An Yiu, Liu Tsz Kiu, Xiao Nga Fong
HHCKLA Buddhist Ching Kok Lin Association School	Pang Man Hei, Lee Ching Lam, Tse Yuen Ting
Leung Kui Kau Lutheran Primary School	Zeng Tsz Shan, Sham Hoi Ching
Precious Blood Primary School (Wah Fu Estate)	Chan Tak Lok Jayden, Chui Chi Yau Mavis, Zou Yuhao
S.K.H. St.James' Primary School	Wong Yik Kiu, Tong Yi Hang, Au Ping Nga
St. Andrew's Catholic Primary School	Sze Cho Yu, Wong Wai Ting, Lau Hiu Nam
T.K.D.S. Fong Shu Chuen School	Lee Chun Kwan, Xian Jianyi, Chiu Shing Yuk
W F Joseph Lee Primary School	Mak Hiu Hin, Wan Yu Ching Beatrice, Yau Sze Yu

**Outstanding Planning Teacher Award**

School	Awardee (Teacher)
Chai Wan Kok Catholic Primary School	Ms. Au Yeung Yan Yee
Chi Hong Primary School	Ms. Chan Hiu Sze
Fanling Public School	Mr. Lam Yu Fai, Ms. Or Yin Sze
Fung Kai No.1 Primary School	Ms. Lee Pui Ha, Ms. Cheng Wing Ting
HHCKLA Buddhist Ching Kok Lin Association School	Ms. Tam Yuk Ha
Leung Kui Kau Lutheran Primary School	Ms. Wong Po Yee, Ms. Tang Choi Fan
Po Leung Kuk Chong Kee Ting Primary School	Ms. Lee Man Yee, Ms. Chan Yin Ching
Precious Blood Primary School (Wah Fu Estate)	Ms. Lai Sze Wai
S.K.H. St.James' Primary School	Mr. Chau Man Wing
St. Andrew's Catholic Primary School	Ms. Wong Pik Lam
T.K.D.S. Fong Shu Chuen School	Ms. Liu Yee Ting
W F Joseph Lee Primary School	Mr. Chan Long Ting, Ms. Chung Wai Lan Carroll



## Ma On Shan Water Treatment Works

Hi guys! Have you joined the Ma On Shan Water Treatment Works Open Day 2022 in Oct this year? Let me check how much you know about the water treatment process! Try to match them.

1	It comes from Plover Cove Reservoir and High Island Reservoir
Ma On Shan Water Treatment Works	It was first commissioned in March 1997 with a treated water output of 227,000 m <sup>3</sup> /day
2	<b>Alum</b> - Coagulate impurities
3	Finer particles in water are taken away by some very high grade of fine coal (anthracites) and sand
4	<b>Lime</b> - Neutralise acidity of alum <b>Chlorine</b> - Disinfection <b>Fluoride</b> - Teeth Protection
5	It has five pumps with a pumping capacity of 286,000 m <sup>3</sup> /day.
6	It supplies water to customers through the distribution network
Consumers	It provides a treated water supply to Sha Tin and Ma On Shan areas

- A Pumping Station
- B Clarifier
- C Filter
- D Service Reservoir
- E Clear Water Tank
- F Raw Water

Answer:

- 1F
- 2B
- 3C
- 4E
- 5A
- 6D

## **Dave's Lab - Making a DIY Filtration Device**

You may already be familiar with the basic principles behind the water filtration after viewing the process of water treatment in Water Treatment Works. Let's make a simple water filter now!

Materials: Transparent plastic bottle, Scissors, Cotton, Coarse sand grains, Fine sand grains, Activated charcoal (can be bought from plants stores and aquarium stores), Water mixed with sand and mud

1. Carefully cut the plastic bottle into two parts for putting the filter materials in.
2. Place bottleneck faces downwards and put the cotton on it to prevent the filter materials from leaking.
3. Cotton, Coarse sand grains, Fine sand grains, Activated charcoal, Fine sand grains, Coarse sand grains, Cotton. Place the filter materials into the bottle as shown in the image. Place cotton on the very top to complete the filter.
4. Pour water mixed with sand and mud into the filter slowly and observe the change in water quality before and after the filtration.

### **How is your experimental results?**

After being filtered,

- Does the impure water look clearer?
- Does it smell better?

### **Do you know?**

Coarse sand grains are used to filter off impurities with larger size, whereas finer sand grains are used to filter off smaller suspended particles. Activated charcoal is used to absorb color, smell and some other impurities.

\*Children must be accompanied by parent to conduct the experiment

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This publication is available on WSD's Water Conservation website