

# Cherish Water Campus

## 惜水學堂

ISSUE 19  
DEC 2022

### Water Saving School - Chi Hong Primary School



The Winning Entry of Promotional Video Contest —  
《吓！一齊去左冇水嘅世界！》



Outstanding Leadership Award —  
Principal,  
Ms. Yeung Tung Mui



Outstanding Planning Teacher —  
Ms. Chan Hiu Sze



The Grand Champion & Gold Award (Sha Tin District)  
of "Cherish Water Campus" 2021/22 —  
Chi Hong Primary School



Water Conservation Stars —  
Ling Shuk Yi, Chen Shu Yi, Hung Ngai Ting



Let's appreciate the masterpieces  
from Water Saving Week

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.



水務署  
Water Supplies Department



# "Cherish Water Campus"

## Integrated Education Programme-Primary School

### (School Year 2021-22) Award List

#### Excellent School Sponsoring Body Award

Chi Hong Ching Yuen

#### Grand Champion

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

#### Water Conservation Star Award

Chai Wan Kok Catholic Primary School  
Chan's Creative School (H.K. Island)  
Chi Hong Primary School  
Fung Kai No.1 Primary School  
HHCKLA Buddhist Ching Kok Lin Association School  
Leung Kui Kau Lutheran Primary School  
Precious Blood Primary School (Wah Fu Estate)  
S.K.H. St.James' Primary School  
St. Andrew's Catholic Primary School  
T.K.D.S. Fong Shu Chuen School  
W F Joseph Lee Primary School

Chan Hei Sim, Yeung Carson Chun Leong, Chung Ho Yuet  
Shi Xiao Lei, Guan Tsz Ching, Ho Liu Yin  
Chen Shu Yi, Hung Ngai Ting, Ling Shuk Yi  
Lin An Yiu, Liu Tsz Kiu, Xiao Nga Fong  
Pang Man Hei, Lee Ching Lam, Tse Yuen Ting  
Zeng Tsz Shan, Sham Hoi Ching  
Chan Tak Lok Jayden, Chui Chi Yau Mavis, Zou Yuhao  
Wong Yik Kiu, Tong Yi Hang, Au Ping Nga  
Sze Cho Yu, Wong Wai Ting, Lau Hiu Nam  
Lee Chun Kwan, Xian Jianyi, Chiu Shing Yuk  
Mak Hui Hin, Wan Yu Ching Beatrice, Yau Sze Yu

#### Outstanding Planning Teacher Award

Chai Wan Kok Catholic Primary School  
Chi Hong Primary School  
Fanling Public School  
Fung Kai No.1 Primary School  
HHCKLA Buddhist Ching Kok Lin Association School  
Leung Kui Kau Lutheran Primary School  
Po Leung Kuk Chong Kee Ting Primary School  
Precious Blood Primary School (Wah Fu Estate)  
S.K.H. St.James' Primary School  
St. Andrew's Catholic Primary School  
T.K.D.S. Fong Shu Chuen School  
W F Joseph Lee Primary School

Ms. Au Yeung Yan Yee  
Ms. Chan Hiu Sze  
Mr. Lam Yu Fai, Ms. Or Yin Sze  
Ms. Lee Pui Ha, Ms. Cheng Wing Ting  
Ms. Tam Yuk Ha  
Ms. Wong Po Yee, Ms. Tang Choi Fan  
Ms. Lee Man Yee, Ms. Chan Yin Ching  
Ms. Lai Sze Wai  
Mr. Chau Man Wing  
Ms. Wong Pik Lam  
Ms. Liu Yee Ting  
Mr. Chan Long Ting, Ms. Chung Wai Lan Carroll

#### Outstanding Leadership Award, Gold, Silver & Bronze Awards in different districts

District	Gold Award cum Outstanding Leadership Award	Silver Award	Bronze Award
Central and Western District	Central & Western District St. Anthony's School Mr. Kwok Tat Wah	1) Bonham Road Government Primary School 2) Chiu Sheung School, Hong Kong 3) S.K.H. St. Peter's Primary School	Nil
Eastern District	Chan's Creative School (H.K. Island) Ms. Cheng Wai Ki	Shanghai Alumni Primary School	Salesian School
Southern District	Precious Blood Primary School (Wah Fu Estate) Ms. Chow Kwai Fong	St. Paul's Co-educational College Primary School	Nil
Wan Chai District	S.K.H. St.James' Primary School Mr. Lee Man Kit	Nil	Nil
Kowloon City District	Ma Tau Chung Government Primary School Ms. Chan Yim Chuk	Kowloon Tong School (Primary Section)	Chan Sui Ki (La Salle) Primary School
Kwun Tong District	St. John the Baptist Catholic Primary School Ms. Chan Sau Yee	Nil	Nil
Sham Shui Po District	Ka Ling School of The Precious Blood Ms. Fung Man Yi Wendy	Fuk Wing Street Government Primary School	Sham Shui Po Government Primary School
Wong Tai Sin District	Ho Lap Primary School (sponsored by Sik Sik Yuen) Mr. Ng Shu Tung	Nil	Nil
Yau Tsim Mong District	T.K.D.S. Fong Shu Chuen School Mr. Tsang Ying Yin	Nil	Nil
Kwai Tsing District	S.K.H. Ho Chak Wan Primary School Mr. Eric Cheung Cheong Ming	E.L.C.H.K. Kwai Shing Lutheran Primary School	1) C.C.C. Chuen Yuen Second Primary School 2) Salesian Yip Hon Millennium Primary School
North District	Fung Kai No.1 Primary School Mr. Chu Wai Lam	Fanling Public School	HHCKLA Buddhist Ching Kok Lin Association School
Sai Kung District	St. Andrew's Catholic Primary School Mr. Chan Sin Fo	Tseung Kwan O Catholic Primary School	1) Lok Sin Tong Lau Tak Primary School 2) Y.C.H. Chan Iu Seng Primary School
Sha Tin District	Chi Hong Primary School Ms. Yeung Tung Mui	Leung Kui Kau Lutheran Primary School	P.L.K. Chong Kee Ting Primary School
Tai Po District	Tai Po Baptist Public School Ms. Choi Bik Yui	Tai Po Methodist School	Sam Shui Natives Association Huen King Wing School
Tsuen Wan District	Chai Wan Kok Catholic Primary School Ms. Chow Hoi Yan Santana	Si Yuan School of the Precious Blood	Hong Kong Baptist Convention Primary School
Tuen Mun District	1) Castle Peak Catholic Primary School 2) The Hong Kong Eng Clansman Association Wu Si Chong Memorial School Ms. Wong Yuk Han Ms. Chu Siu Fong	Hong Kong Red Swastika Society Tuen Mun Primary School	Nil
Yuen Long District	W F Joseph Lee Primary School Ms. Poon Ka Suen Victoria	South Yuen Long Government Primary School	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
Islands District	Ho Yu College and Primary School (Sponsored by Sik Sik Yuen) Ms. Leung Wai Fong	Ling Liang Church Sau Tak Primary School	Nil

\*Listed in no particular order



# 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

4

Lime - Neutralise acidity of alum  
Chlorine - Disinfection  
Fluoride - Teeth Protection

2

Alum - Coagulate impurities

3

Finer particles in water are taken away by some very high grade of fine coal (anthracites) and sand

5

It has five pumps with a pumping capacity of 286,000 m<sup>3</sup>/day

## Consumers

It provides a treated water supply to Sha Tin and Ma On Shan areas

6

It supplies water to customers through the distribution network

A

Pumping Station

B

Clarifier

C

Filter

D

Service Reservoir

E

Clear Water Tank

F

Raw Water

D

6

A

5

E

4

C

3

B

2

F

1

Answer





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!



## Making a DIY Filtration Device

### 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



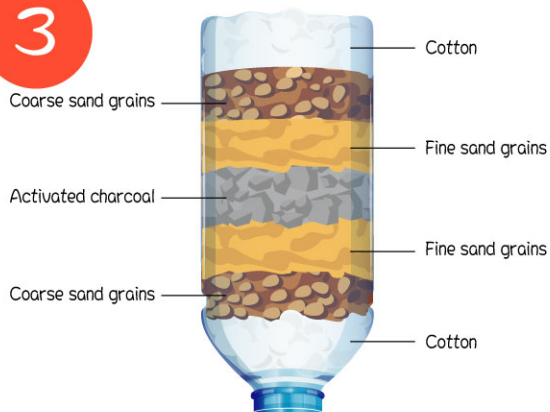
1. Carefully cut the plastic bottle into two parts for putting the filter materials in.

2



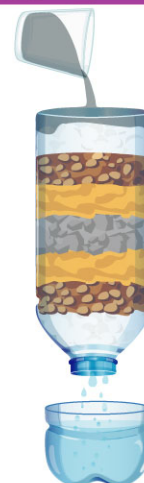
2. Place bottleneck faces downwards and put the cotton on it to prevent the filter materials from leaking.

3



3. Place the filter materials into the bottle as shown in the image. Place cotton on the very top to complete the filter.

4



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