



List of Educational Equipment Required by TWGHs Schools



Special Education					
No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Kwan Fong Kai Chi School					
A4	UV Air Purifier	Ultraviolet (UV Lamp) is mainly against bacteria and viruses, ultraviolet light damages the DNA of the bacteria to prevent their normal reproduction, and therefore reduces the amount of bacteria in the air and to remove the odor.	100	4	25,000
A5	50" Smart iDTV	Through multi-media image and related technology in order to improve the quality, and stimulates the sensory experience.	100	3	25,000

Kindergarten Education (With a total of 18 kindergartens)					
No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
B1	UV Air Purifier	The equipment kills bacteria and viruses, removes bad odour and toxic chemicals such as TVOC and HCHO, and eliminate dust particles.	3,899	50	10,300
B2	Air Purifier	<ul style="list-style-type: none"> Standard Filtration Washable Pre-filter: inhibiting bacteria as well as blocking dust particles by the antimicrobial coating Photocatalytic Filter: filtering hazardous substances. 	226	12	13,300
B3	Cube Medical Air Purifier	<ul style="list-style-type: none"> Effectively removes bacteria, viruses, molds, odour and other pollutants, etc. Accredited as Class 1 Medical Device in Europe. 	202	2	5,980
B4	55" Smart TV	<ul style="list-style-type: none"> Direct connection with computer, laptop and Android Box. The anti-reflective and anti-glare touchscreen protects the eyes and enables teachers and students writing and drawing on it. 	202	3	29,300
B5	70" Smart TV	<ul style="list-style-type: none"> Direct connection with computer, laptop and Android Box. The anti-reflective and anti-glare touchscreen protects the eyes and enables teachers and students writing and drawing on it. 	202	1	44,600



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Primary Education					
No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Li Chi Ho Primary School					
C1	APPLE PENCIL	It facilitates elearning with the help of the tablet friendly tool.	477	27	788
C2	32 Tablets Charging/ Synchronising Cart	<ul style="list-style-type: none"> It allows up to 32 units of iPad for charging and synchronising apps and files. The cart provides excellent protection for the tablets. 	477	1	25,000
C3	iPad	It facilitates e-learning which enhances more interactive, innovative learning as well as knowledge exploration and enhances students' problem solving skills.	477	25	4,000
TWGHs Hok Shan School					
C4	Book Sterilisation Machine	Specially designed for killing germs with UV.	490	1	60,000
C5	32 Tablets Charging/ Synchronising Cart	<ul style="list-style-type: none"> It allows up to 32 units of iPad for charging and synchronising apps and files. The cart provides excellent protection for the tablets. 	160	1	25,000
C6	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	160	2	65,000
TWGHs Lo Yu Chik Primary School					
C7	3D Scanner and 3D Printer	The equipment enables students to convert their innovative and creative ideas to real products.	250	1	30,500
TWGHs Ko Ho Ning Memorial Primary School					
C8	Air Purifier	<ul style="list-style-type: none"> To remove the pollutants from the air and prevent the outbreak of airborne disease. To cater for the people with allergies and asthma. 	450	3	3,130
C9	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	450	18	65,000
C10	Magic Disc Spinner and Round Skateboard	Allow students with special education needs to sit or prone to glide, provide vestibular stimulation, big muscle balance, and other sensory integration training.	50	1	4,000
TWGHs Tang Shiu Kin Primary School					
C11	iPad Air 2	eLearning environment helps develop interactivity, creativity, knowledge-searching and problem-solving skills, and hence improves learning efficiency.	800	25	4,400
C12	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education. (A4 printing size)	250	1	30,000
C14	3D laser Cutting Machine	The equipment enhances STREAM (Science, Technology, Reading and Writing, Engineering, Art and Mathematics) education.	800	1	150,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Sin Chu Wan Primary School					
C15	Books Sterilisation Machine	Specially designed for killing germs with UV.	626	1	60,000
C16	Novaeru Air Steriliser	For infection control, odour mitigation, and particle reduction.	626	29	30,000
C17	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	626	25	65,000
TWGHs Wong See Sum Primary School					
C18	Books Sterilisation Machine	Specially designed for killing germs with UV.	350	1	60,000
C19	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	350	20	65,000
C20	Laser Cutter	It facilitates students in learning STEM (Science, Technology, Engineering and Mathematics) education and maker movement.	350	1	150,000
C21	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education. (A4 printing size)	350	2	30,000
TWGHs Hong Kong and Kowloon Electrical Appliances Merchants Association Limited School					
C22	3V Steriliser for Books	Specially designed for killing germs with UV.	714	2	60,000
C23	Aerial Camera	Recording school activities at high altitude shooting.	357	2	9,799
TWGHs Yiu Dak Chi Memorial Primary School (Yuen Long)					
C24	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	650	3	65,000
C25	Movable Titans Track	Being used for the teaching athletics, the equipment is relatively flat and anti-skid to prevent students from injury.	650	2	56,000
TWGHs Wong Yee Jar Jat Memorial Primary School					
C26	32 Tablets Charging/ Synchronising Cart	<ul style="list-style-type: none"> It allows up to 32 units of iPad for charging and synchronising apps and files. The cart provides excellent protection for the tablets. 	800	2	25,000
C27	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	800	30	65,000
C28	iPad	It facilitates e-learning which enhances more interactive, innovative learning as well as knowledge exploration and enhances students' problem solving skills.	800	30	4,000
C29	Computer	It facilitates e-learning so as to enhance the effectiveness of teaching and learning.	800	5	5,000
C30	Computer Monitor	It facilitates e-learning so as to enhance the effectiveness of teaching and learning.	800	5	1,000



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TWGHs Leo Tung-Hai LEE Primary School					
C31	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	600	2	65,000
TWGHs Chow Yin Sum Primary School					
C32	Electrostatic Air Cleaner	The electrostatic air cleaner cleans the polluted indoor air by phases and gives out purified air. It improves indoor air quality (IAQ), increases working efficiency of staff and provides a safe working place.	400	3	42,600
TWGHs Ma Kam Chan Memorial Primary School					
C33	Automatic sprayer	It automatically sprays disinfectant reduces bacteria in the air and the chance of virus transmission.	810	72	318
C34	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education. (A4 printing size)	810	1	30,000
TWGHs Tsoi Wing Sing Primary School					
C35	Books Sterilisation Machine	Specially designed for killing germs with UV.	420	1	60,000
C36	Air Purifier	It decomposes harmful VOC, such as formaldehyde and benzene strongly and effectively.	420	5	9,800
C37	Everpure Water Purifier	Removes contaminants from water, not only removes bio-organisms, but also removes chemicals and heavy metals. Some filters can even remove bad tastes from water.	420	1	5,780
C38	Enagic LeveLuk K8 Water Purifier	Produce ionized alkaline and acidic waters through electrolysis. These waters can be used for various purposes, including drinking, cooking, beauty, and cleaning.	480	1	38,600
C39	Air Steriliser	This machine can remove bacteria, virus, unpleasant odor, toxic chemicals like TVOC, formaldehyde and dust particles.	420	1	15,000



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Secondary Education					
No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Wong Fut Nam College					
D1	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	1,000	12	65,000
TWGHs Lee Ching Dea Memorial College					
D2	10.5" iPad Air 256GB WiFi with 1. Apple Pencil 2. Smart Cover 3. Smart Keyboard 4. Two years AppleCare+	To let teachers and students use different e-learning elements, such as e-textbooks, downloading exercises, making online learning materials, participating in online interactive learning activities, etc., in order to build interactive learning environment.	750	65	8,013
TWGHs Chang Ming Thien College					
D3	3D Scanner and Printer System	The system is composed of one 3D scanner and two 3D printers which supports the students to convert ideas and design into 3D products by using specific software.	400	1	73,000
D4	10.5" iPad Pro 64GB WiFi	The equipment connected to internet via WiFi allows teaching and learning in eLearning, environment, e.g. reading e-textbooks, downloading worksheets, etc., by which interactive learning experience is therefore created.	750	29	4,899
TWGHs Chen Zao Men College					
D5	3D Scanner and Printer System	The system is composed of one 3D scanner and two 3D printers which supports the students to convert ideas and design into 3D products by using specific software.	400	1	73,000
D6	10.5" iPad Pro 64GB WiFi	The equipment connected to internet via WiFi allows teaching and learning in eLearning, environment, e.g. reading e-textbooks, downloading worksheets, etc., by which interactive learning experience is therefore created.	761	29	4,899
TWGHs Sun Hoi Directors' College					
D7	LED Digital Media Matrix System Display Board (12m X 4.2m)	The equipment facilitates display of student work and information on various activities in school hall.	2,000	1	600,000
D8	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	720	1	59,500
D9	Books Sterilisation Machine	Specially designed for killing germs with UV.	2,000	1	60,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Mrs. Fung Wong Fung Ting College					
D10	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	240	2	59,500
D11	3D Scanner	To scan 3D objects into digital models.	240	2	9,500
TWGHs Wong Fung Ling College					
D12	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	300	1	59,500
D13	3D Scanner	To scan 3D objects into digital models.	300	1	9,500
D14	Lasercut Machine / Glowforge Pro + Air Filter Laser Cut and Sculpture Machine	The equipment facilitates letter carving, laser cutting, and sculptures of different art pieces or objects.	140	2	60,000
TWGHs Yow Kam Yuen College					
D15	Interactive Board	The interactive display screen connected to a computer to create a more collaborative and engaging classroom.	600	5	65,000
TWGHs Kap Yan Directors' College					
D16	3D Laser Cutting Machine	The equipment enhance STEM (Science, Technology, Engineering and Mathematics) education.	350	1	117,000
D17	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	350	1	59,500
TWGHs Li Ka Shing College					
D18	Book Sterilisation Machine	Specially designed for killing germs with UV.	450	1	60,000
TWGHs S.C. Gaw Memorial College					
D19	School of the Tomorrow: Multimedia LED Wall (to be used in the Anthony Gaw Lecture Theatre)	The screen sharing function enables teachers and students to share content with each other on their devices which creates dynamic interaction among class participants.	2,600	1	300,000



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TWGHs Kwok Yat Wai College					
D20	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	660	1	59,500
D21	Forensic DNA Fingerprinting Kit and Mini Centrifuge	The equipment enables teachers to explain the working principles of DNA fingerprinting in topics relating to DNA structure and analysis of Biology in the new senior secondary curriculum.	100	1	7,520
D22	Volleyball Servehitting Machine	The equipment enhances volleyball training quality with more stable and powerful serve and hitting.	120	1	43,000
TWGHs Lo Kon Ting Memorial College					
D23	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	800	1	59,500
D24	Forensic DNA Fingerprinting Kit and Mini Centrifuge	The equipment enables teachers to explain the working principles of DNA fingerprinting in topics relating to DNA structure and analysis of Biology in the new senior secondary curriculum.	100	1	7,520
D25	Volleyball Servehitting Machine	The equipment enhances volleyball training quality with more stable and powerful serve and hitting.	120	1	43,000
TWGHs Lui Yun Choy Memorial College					
D26	Forensic DNA Fingerprinting Kit and Mini Centrifuge	The equipment enables teachers to explain the working principles of DNA fingerprinting in topics relating to DNA structure and analysis of Biology in the new senior secondary curriculum.	120	1	7,520
TWGHs C.Y. Ma Memorial College					
D27	3D Printer	The equipment helps to cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education (Dual Extruder, A3 printable size is up to 420mm(L) x 297mm(W) x 210mm(H))	240	1	59,500
D28	Volleyball Servehitting Machine	The equipment enhances volleyball training quality with more stable and powerful serve and hitting.	120	1	43,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Mrs. Wu York Yu Memorial College					
D29	11" iPad Pro 64GB WiFi	By connecting to school wifi, different e-learning tools can be used, e.g. e-book, google classroom and zoom cloud online learning lessons etc.	753	30	6,399
D30	Micropipette	To facilitate the students' understanding of DNA fingerprinting to match NSS biotechnology topics.	120	9	2,000
D31	Immersive VR Total Solution	To provide immersive 3D models to assist learning in Physics, Chemistry, Biology & Geography. Students can also show their learning and design models in 3D mode to enhance STEM learning abilities.	350	1	660,000



Acknowledgement Arrangement



Type of Donation	Acknowledgement On Equipment*	Acknowledgement on TWGHs Website	Acknowledgement on TWGHs Annual Report
Educational Equipment	✓	✓	✓ #
Donation of HK\$10,000 or above	—	✓	✓

* Photo of the equipment will be sent to donor for retention once installation is completed. Acknowledgement will be expired upon the disposal of the equipment.

For accumulated donation of HK\$10,000 or above.

Remarks :

1. TWGHs will start the procurement procedure of the equipment upon receipt of the sponsorship. Donor will be kept informed of the progress by written notice in due course.
2. Function of equipment is not fully enlisted due to limited space. Please contact 1878 333 or 2859 7477 for further details.