



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 Tsui Tsin Tong School					
A1	Interactive Robot	To provide social communication and language training for students with special learning needs, including autistic children, to cope with the appropriate behaviors and reactions by interacting with robots.	276	20	7,500
TWGHs Kwan Fong Kai Chi School					
A2	75" / 85" Interactive Board	To promote e-learning, enhance student participation in the classroom, enable closer collaboration between teachers and students, and create a fun learning environment.	156	10	60,000
A3	iPad	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	156	27	4,000
TWGHs Chi-Li Pao School					
A4	75" / 85" Interactive Board	To promote e-learning, enhance student participation in the classroom, enable closer collaboration between teachers and students, and create a fun learning environment.	90	3	60,000
A5	Ultra-Short Throw Interactive Projector	To be installed in the library, not only used in library classes, but also used during recess time to turn the library into a cinema, allowing teachers and students to have more diversified activities.	90	1	30,000
A6	16" MacBook Pro	As a new school, it needs to design different forms of promotional materials such as short films and leaflets. In addition, the school has applied for different funds, partly for junior and senior secondary students to participate in the filming and editing of short films.	90	2	20,000
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	iPad	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	3,899	60	4,000
B2	75" / 85" Interactive Board	To promote e-learning, enhance student participation in the classroom, enable closer collaboration between teachers and students, and create a fun learning environment.	3,899	50	60,000
B3	Medical Grade Air Purifier	To remove bacteria and viruses, bad odour and toxic chemicals such as TVOC and HCHO, and eliminate dust particles.	3,899	30	6,500
B4	Notebook	To promote e-learning and enhance the effectiveness of teaching and learning.	3,899	50	7,000
B5	UV Air Purifier	To remove bacteria and viruses, bad odour and toxic chemicals such as TVOC and HCHO, and eliminate dust particles.	3,899	30	11,000



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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 Gen 1	To promote e-learning with the tablet friendly tool.	360	30	788
C2	iPad Gen 9 256G Wifi	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	360	30	3,799
TWGHs Hok Shan School					
C3	Computer Monitor	To promote e-learning and enhance the effectiveness of teaching and learning.	300	30	1,000
C4	Macbook Air (M2) 8-core CPU 8GB unified memory 256GB SSD Storage	To optimize teaching equipment and improve teachers' e-teaching efficiency.	300	20	10,000
C5	iPad Gen 9 256G Wifi	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	300	30	3,799
C6	Apple Pencil Gen 1	To promote e-learning with the tablet friendly tool.	300	30	788
C7	3D Printer FDM printing	To cultivate students' interest in STEAM (Science, Technology, Engineering, Art and Mathematics) education.	300	5	3,000
C8	UHF RFID Book Shelf (with borrow and return function)	To develop students' reading habit and cultivate school's reading culture.	300	1	50,000
C9	65" Smart TV (with wall mount and installation fee)	To optimize the students' learning outcomes.	300	6	6,500
TWGHs Lo Yu Chik Primary School					
C10	3D Scanner and 3D Printer	To enable students to convert their innovative and creative ideas to real products.	300	1	30,500
TWGHs Ko Ho Ning Memorial Primary School					
C11	3D Scanner and 3D Printer	To enable students to convert their innovative and creative ideas to real products.	300	1	30,500
C12	Air Purifier	<ul style="list-style-type: none"> To remove the pollutants from the air and prevent the outbreak of airborne disease To care for allergy and asthma sufferers 	300	1	3,130
C13	Interactive Board	To be connected to a computer to create a more collaborative and engaging classroom.	300	18	65,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Tang Shiu Kin Primary School					
C14	iPad Gen 9 256G Wifi	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	800	27	3,799
C15	3D Printer	To cultivate students' interest in STEAM (Science, Technology, Engineering, Art and Mathematics) education.	800	1	30,000
C16	3D Scanner	By using a 3D scanner, students can capture a textured image for printing via a 3D printer to conceptualise their idea.	800	1	8,000
C17	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	1	25,000
C18	UV Air Purifier	To remove bacteria and viruses, bad odour and toxic chemicals such as TVOC and HCHO, and eliminate dust particles.	800	6	10,300
C19	Laser Cutter	To cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education.	800	1	150,000
TWGHs Sin Chu Wan Primary School					
C20	iPad Gen 9 256G Wifi	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	300	120	3,799
C21	Computer	To promote e-learning and enhance the effectiveness of teaching and learning.	300	40	5,000
C22	Notebook	To promote e-learning and enhance the effectiveness of teaching and learning.	300	40	7,000
TWGH Wong See Sum Primary School					
C23	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 	550	1	25,000
C24	Book Sterilisation Machine	Specially designed for killing germs with UV.	550	1	60,000
C25	Aerial Camera	Recording school activities at high attitude shooting.	550	2	9,799
C26	Movable Titans Track	Being used for the teaching athletics, the equipment is relatively flat and anti-skid to prevent students from injury.	550	2	56,000
C27	Electrostatic Air Cleaner	To clean the polluted indoor air by phases and deliver purified air. It improves indoor air quality (IAQ), increases working efficiency of staff and provides a safe working place.	550	2	42,600
C28	Automatic sprayer	To spray disinfectant, reduce bacteria in the air and the chance of virus transmission.	550	24	318
C29	Enagic Leveluk K8 Water Purifier	To produce ionized alkaline and acidic water through electrolysis, which can be used for various purposes.	550	1	38,600



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Hong Kong and Kowloon Electrical Appliances Merchants Association Limited School					
C30	Intelligent Disinfection Spray Robot	Due to the pandemic, a safe learning environment is very important to the health of students. The robots that continuously provide disinfection functions in different venues, so that students can get better protection.	500	3	70,000
TWGHs Wong Yee Jat Jar Memorial Primary School					
C31	Nanoe Air Purifier	To remove bacteria and viruses, bad odour and toxic chemicals such as TVOC and HCHO, and eliminate dust particles.	700	31	4,480
C32	Apple Pencil Gen 1	To promote e-learning with the tablet friendly tool.	700	10	788
C33	iPad	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	700	10	4,000
TWGHs Leo Tung-hai LEE Primary School					
C34	Interactive Board	To be connected to a computer to create a more collaborative and engaging classroom.	400	10	65,000
C35	Laser Cutter	Cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education.	400	1	150,000
TWGHs Chow Yin Sum Primary School					
C36	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 	450	38	5,980
C37	Book Sterilisation Machine	Specially designed for killing germs with UV.	450	2	60,000
TWGHs Ma Kam Chan Memorial Primary School					
C38	3D Printer	To cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education. (A4 printing size)	450	1	30,000
C39	3D Laser Cutting Machine	To enhance STEM (Science, Technology, Engineering and Mathematics) education.	800	1	117,000
TWGHs Tsoi Wing Sing Primary School					
C40	Air Purifier Robot	Automated air-cleaning technology combines robotics with air-cleaning technology to prevent the spread of airborne diseases and care for allergy and asthma sufferers.	800	3	49,800
C41	Robot Vacuum	With dust collection facilities, the robot vacuum cleans the campus automatically.	800	1	8,000
C42	Floor-standing Hot & Cold Water Dispenser	A built-in UV LED germicidal lamp eliminates 99.99% of bacteria and germs and purifies water.	800	2	8,500



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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	To be connected to a computer to create a more collaborative and engaging classroom.	1,000	8	65,000
TWGHs Lee Ching Dea Memorial College					
D2	10.9" iPad Air 256GB WiFi with 1. Apple Pencil 2. Smart Keyboard 3. Two years AppleCare+	To allow 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.	541	62	8,013
D3	UV Air Purifier	Ultraviolet (UV Lamp) is used to remove bacteria and viruses. The ultraviolet light damages the DNA of the bacteria to prevent their normal reproduction, and reduces bacteria in the air and to remove the odor.	300	1	25,000
D4	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 	300	1	13,300
D5	Air Purifier	To decompose harmful VOC, such as formaldehyde and benzene strongly and effectively.	200	1	9,800
D6	3D Printer	To cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education. (A4 printing size)	300	1	30,000
D7	Laser Cutter	To cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education.	300	1	150,000
D8	Interactive Board	To be connected to a computer to create a more collaborative and engaging classroom.	550	12	65,000
D9	Aerial Camera	Recording school activities at high attitude shooting.	300	2	9,799
D10	Computer	To promote e-learning and enhance the effectiveness of teaching and learning.	300	1	5,000
D11	Computer Monitor	To promote e-learning and enhance the effectiveness of teaching and learning.	300	3	1,000
TWGHs Chen Zao Men College					
D12	For Large Venue Projection at School Hall	Audiovisual elements and information can be shared among teachers and students through their own devices (iPad, PC, etc.) which creates dynamic interactions among class participants.	700	2	100,000
D13	Outdoor waterproof LED panel	To provide English Learning environment with LED display during morning assembly and various whole-school activities.	700	1	300,000
D14	3D Printer	The 3D printing system supports the students to convert ideas and design into 3D products by using specific software. They can make more models or tools in different shapes or different functions by the 3D printer. Students' creativity and implementation of knowledge from various subjects will be inspired and their learning incentive and effectiveness will be raised.	700	2	70,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Chen Zao Men College					
D15	11" iPad Pro 128GB WiFi with apple pencil	To be connected to internet via WiFi, allow teaching and learning in e-learning, environment, e.g. reading e-textbooks, downloading worksheets, etc., by which interactive learning experience is therefore created.	761	20	7,398
TWGHs Sun Hoi Directors' College					
D16	Core i5 Laptop	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	700	35	5,000
D17	11" iPad Pro 128GB WiFi	To promote e-learning, enhance interactive and innovative learning, knowledge exploration and students' problem solving skills.	700	35	6,399
TWGHs Mrs. Wu York Yu Memorial College					
D18	Micropipette	Students can use it to transfer volumes of liquid in the microliter range for biotechnology experiment and research accurately and precisely.	300	6	2,000
D19	Sonicator	To employ ultrasonic waves to homogenize samples to extract the proteins for further research.	300	1	20,000
D20	Interactive Board	To allow teachers to make lessons fun and engage students by the function of screen sharing for remote learning, file sharing and a built-in whiteboard.	700	10	50,000
TWGHs Mrs. Fung Wong Fung Ting College					
D21	3D Printer	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))	700	1	59,500
D22	3D Scanner	To scan 3D objects into digital models.	700	1	9,500
TWGHs Wong Fung Ling College					
D23	Lasercut Machine / Glowforge Pro + Air Filter Laser Cut and Sculpture Machine	To facilitate letter carving, laser cutting, and sculptures of different art pieces or objects.	450	2	60,000
TWGHs Yow Kam Yuen College					
D24	10.9" iPad Air 256GB WiFi with 1. Apple Pencil 2. Smart Keyboard 3. Two years AppleCare+	To allow 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.	1,000	30	8,013
D25	Interactive Board	To be connected to a computer to create a collaborative and engaging classroom.	1,000	7	65,000



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No.	Name of Equipment	Function	No. of Beneficiary per year	No. of Equipment Required	Unit Cost (HK\$)
TWGHs Yau Tze Tin Memorial College					
D26	Interactive Board	To be connected to a computer to create a more collaborative and engaging classroom.	650	5	65,000
D27	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 	650	1	25,000
D28	10.2" iPad 256GB WiFi	To be connected to internet via WiFi, allow teaching and learning in e-learning, environment, e.g. reading e-textbooks, downloading worksheets, etc., by which interactive learning experience is therefore created.	650	30	4,799
D29	Apple Pencil (2nd generation)	To facilitate e-learning, inforce teacher-student-interactive, enhance learning motivation of self-learning, especially BYOD learning, Maths, Science learning on equation, drawing skill on Visual Art.	650	30	999
TWGHs Kap Yan Directors' College					
D30	Interactive Board	To be connected to a computer to create a more collaborative and engaging classroom.	1,000	12	65,000
TWGHs Li Ka Shing College					
D31	Forensic DNA Fingerprinting Kit and Mini Centrifuge	The working principles of DNA fingerprinting is related to DNA structure and analysis in Biology. The working mechanism of centrifuge can also be explained in the part of centripetal force in Physics.	100	1	7,520
D32	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
D33	Book Sterilisation Machine	Specially designed for killing germs with UV.	1,000	1	60,000
TWGHs Lo Kon Ting Memorial College					
D34	3D Printer	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
D35	Forensic DNA Fingerprinting Kit and Mini Centrifuge	The working principles of DNA fingerprinting is related to DNA structure and analysis in Biology. The working mechanism of centrifuge can also be explained in the part of centripetal force in Physics.	100	1	7,520
D36	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 CYMa Memorial College					
D37	Smart phone	To enhance STEAM teaching and learning activities, provide appropriate equipments for creative activities, e.g. drone, coding and APP development.	200	30	5,000
D38	Micropipette	To promote forensic science, DNA fingerprinting, Chinese Medicine Testing activities.	200	30	2,500
D39	Apple Pencil (2nd generation)	To facilitate e-learning, inforce teacher-student-interactive, enhance learning motivation of self-learning, especially BYOD learning, Maths, Science learning on equation, drawing skill on Visual Art.	500	60	999
D40	3D Printer	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	2	59,500
D41	Laser Cutter	To cultivate students' interest in STEM (Science, Technology, Engineering and Mathematics) education.	300	1	150,000
D42	Camera Lens	To replace damaged camera lenses and let students try different multimedia learning.	200	2	10,000
TWGHs Mr. & Mrs. Kwong Sik Kwan College					
D43	Handbell	To allow school to develop handbell team and promote handbell activities.	300	1	50,000
D44	Smart Bike	To facilitaes Bike training in PE Lessons.	300	1	30,000
D45	Sports bracelet	To measure and monitor students' physical status and increase the effectiveness of physical training.	300	25	800
D46	EduDX Kiosk and System	To integrate running, cycling and skipping training in PE lessons.	300	1	60,000



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 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.