

Annex A

List of Inventions for International Students' Invention Exhibition

No	Invention Title	Award Received	School	Student's Name	Descriptions
1	Chair Stowaway	Special Award – World Intellectual Property Office (WIPO)	Nanyang Girl's High School	Tan Shao Min Lee Li Ming	<ul style="list-style-type: none"> Chair Stowaway is a system of chairs that fold into portable boxes so that a hall can be used for both important function and for other activities.
2	Spray Mate	Special Award – Japan Institute of Invention and Innovation	Maris Stella High School	Wee Jin Wei, Gabriel	<ul style="list-style-type: none"> The invented contraption is attached to a can of spray. To start spray painting, the user turns a knob to depress the nozzle. It helps to ease the mess caused by normal spray cans.
3	4-in-1 Advertisement Display	Gold	Dunman Secondary School	Chua Yue Cun (Graduated)	<ul style="list-style-type: none"> This invention can display 4 different advertisements at a desired time alternatively. It contains a number of 4-sided column which will rotate to display 4 advertisements instead of the 3-sided advertisements commonly used in the commercial world.
4	Tissue - Let it Fall!	Gold	Rosyth Primary School	Daniel Wong An Ren	<ul style="list-style-type: none"> The tissue box is inverted and placed on a stand when in use.
5	Hang Any-"Ware"	Silver	Nan Hua Secondary School	Heng Meiyan, Belinda Chong Yi Qian Debby Jana Iten Desiree Eileen	<ul style="list-style-type: none"> It is made of a material which is flexible enough to be strapped onto the leg of any type of table or chair, and strong enough for it to hold weights up to at least 10kg. The interior of the "hang any-ware" is made of high friction non-slip material so that it can remain firmly strapped to the leg without slipping. Industrial Velcro is also used for fastening "Hang

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					any-ware" when it is used around the leg of a table or chair.
6	Heel Lover	Silver	Montfort Secondary School	Chau Hon Loon, Harold	<ul style="list-style-type: none"> • It is a simple attachment to existing trolleys used in NTUC supermarkets which protects the heels of shoppers by softening the impact of collision. • It also has a warning beep upon impact.
7	One-at-a-time Drawer Chest	Silver	Riverside Secondary School	Muhd Norfarid Bin Farali Kha	<ul style="list-style-type: none"> • It is a box with 3 drawers. • Rollers are attached to the side of each drawer for the movement. • Thus, one drawer can be opened at any one time.
8	Pencil Sharpener	Silver	Zhonghua Secondary School	Tay Xiangling	<ul style="list-style-type: none"> • It sharpens pencil by using a simple linear motion (Pull) that is converted into a rotary motion (sharpener) to sharpen a pencil. • It is part of a pencil box
9	Quickshine	Silver	Tao Nan Primary School	Sherlyn Chen Lai Su Lyn	<ul style="list-style-type: none"> • It used to provide a more hygienic, efficient and effective way of changing the bedding for small pets such as hamsters, guinea pigs, chinchillas, etc. • It is made of either plastic or metal and the wire mesh is used to prevent the animal from dropping through when you are changing the bedding. • The plastic sheet is to prevent the bedding from falling through the wire mesh.
10	Spectacles Maintenance Kit	Silver	River Valley High School	Chen Xiaye Lee Ying Cong	<ul style="list-style-type: none"> • It allows users to adjust damaged spectacles with precision and ease, either at home or workplace without the hassle of visiting the optician. • It is capable of rectifying all common problems such as incorrect alignment of curved endpieces and nose pads of the spectacles.
11	Stamp Roll	Silver	Ai Tong Primary	Goh Zhi Jun	<ul style="list-style-type: none"> • It is made of a roll of adhesive tape and stamps.

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			School	Sarah Quek	<ul style="list-style-type: none"> The stamps are stuck onto the adhesive tape and the roll of the tape with stamps is fixed onto a tape dispenser.
12	Toothpick Dispenser	Silver	Dunman Secondary School	Chen Lirui	<ul style="list-style-type: none"> A fun and novel way of dispensing toothpicks When the button is pressed, the top compartment containing the toothpicks will slide along the base and dispense a toothpick into the slot. This dispenser can be used to dispense other items like straws, forks, spoons, etc, in the restaurants.
13	The Fingernail Catcher	Silver	Methodist Girls School	Samantha Soon Yap Sze Sze	<ul style="list-style-type: none"> It is used to trap the fingernail clippings when we are clipping the nails. It consists of a transparent plastic cylinder with an opening at one end for the finger to slide into and the other end for the nail clipper to be inserted. Both openings are protected by sponge. A small trap door along one side of the cylinder can be opened to dispose the clippings.
14	Tie - EZ	Silver	Commonwealth Secondary School	James Goh Desmond Tan Gabriel Wong	<ul style="list-style-type: none"> It is used to help someone wear a tie. It has simple directional arrows that can assist the user in wearing his/her tie. It can also reshape the tie to a nice triangular shape.
15	Clip-on Zip Handle	Bronze	Catholic High School (Primary)	Cheok Liang Jie Edmund Yuen	<ul style="list-style-type: none"> It can fit into practically all gadgets that use zips. No tools are needed to attach it to the "handleless" zip It allows the decorative Clip-ons to be attached to clothings and accessories. It is made of either hard plastic or light metal and this will be low cost and affordable for most users.

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					<ul style="list-style-type: none"> • Customised sizes for standard items such as luggage bags, pencil cases.
16	Just Button Up	Bronze	St. Michael's School	David Rajeev Menon	<ul style="list-style-type: none"> • Can be used to replace existing school tie. • Press stud is sewn on the uniform and tie instead of the Velcro.
17	Non-Drop Laundry Pole Holder (pole stored in dustbin)	Bronze	Anglican High School	Tan Kwang Yang Lee Wei Li Sim Jian Wei	<ul style="list-style-type: none"> • It uses polyvinyl chloride (PVC) which is easy to shape plastic material for this prototype. • The recommended material is stainless steel which is strong, durable and rust resistant. • It has better holding power than present holders. Has the top cut-off at the front half to make inserting and removing the poles easier without compromising on its holding power.
18	Prototape	Bronze	St. Hilda's Primary School	Lim Kai Hua	<ul style="list-style-type: none"> • It is a gadget to aid people to locate the tape end of the scotch-tape as well as cutting the tape for use.
19	Traps R' Us (UV Water Flies Trap)	Bronze	Tao Nan Primary School	Chester Chen Chua Tian Ho	<ul style="list-style-type: none"> • Has a bulb that emits ultraviolet (UV) light which has the ability to attract insects. • The invention is equipped with a transparent water container that will drown the insects and flies when they make their way towards the UV light.
20	Water To-Go	Bronze	St. Hilda's Primary School	Abel Ang	<ul style="list-style-type: none"> • A portable invention which can collect fresh water for consumption from sea water or muddy water. • It makes use of evaporation and condensation concept to collect fresh water from sea or muddy water.