

## TKKYIA Winners 2024

### Merit Award:

Category	Entry Name	School/Institution	Team Member(s)
<b>Junior</b>	Teeth Watcher	Keming Primary School	Wang Dexin
<b>Junior</b>	The Violin Swing	CHIJ St. Nicholas Girls School (Primary Section)	Ong Shi Le Charlotte
<b>Student</b>	Bio-pac	Nan Chiau High School	Lau Xin Wong Zi Ting
<b>Student</b>	Enhanced Laundry Pole Holder	River Valley High School (Secondary)	Hoo Rui Ting Wong Rui Emmaus
<b>Student</b>	Mark N' Cut	River Valley High School (Secondary)	Chloe Chan Kai Ho
<b>Student</b>	Furniture lifter and transporter	Peirce Secondary School	Sabryna Tok
<b>Student</b>	VertiBack Posture Corrector	CHIJ St. Nicholas Girls' School (Secondary)	Nicole Leong Shao Ning Kong You Wen Wu Shiyu Hebe
<b>Senior Student</b>	AEROne	Singapore Polytechnic	Jerald Foo Elliot Chin Ian Douglas Wright
<b>Senior Student</b>	Buddle	Temasek Polytechnic	Gao Wei Kevin
<b>Senior Student</b>	Novel next-gen phage-photosensitiser: a golden opportunity against multi-drug resistant <i>Pseudomonas aeruginosa</i>	Dunman High School (Junior College)	Jamie Wen

<b>Open</b>	Solar Canvas: Em-Powering Our City with Art	National University of Singapore	Saw Min Hsian Gavin Raharjo
<b>Open</b>	EVN	Centre of Robotics Excellence	Kenneth Chow Heng Teng Yi

### Commendation Award:

Category	Entry Name	School/Institution	Team Member(s)
<b>Junior</b>	Oin Oin G - sweet dream, baby	Henry Park Primary School	Ryan Toh
<b>Junior</b>	Robotic Arm Painting System	Methodist Girls' School (Primary)	Yong Ximin Iris Yong Xin Lin Phoebe
<b>Junior</b>	One Arm InnoEase Pillow	Kong Hwa School	Han Jie En
<b>Student</b>	Glacial Planters	Pei Hwa Secondary School	Ng Yu Fei Wong Kai Xiang Bryson Teo
<b>Student</b>	Jackbag	Temasek Junior College (Secondary)	Talon Lee Ying Xian
<b>Student</b>	Music File Page flipper	River Valley High School (Secondary)	Xia Yuan Zhen
<b>Student</b>	SecureSeal	River Valley High School (Secondary)	Darren Tan Le Kai Woo Zit On, Jayven Liang Hao
<b>Student</b>	Smart Indoor Gardening System	River Valley High School (Secondary)	Tan En Khee, Chloe Lee En Rui
<b>Student</b>	UNO Card Gatherer and Shuffling Tray	River Valley High School (Secondary)	Sampson Lee Ting Zhe Zaycus Luo Zheyu

<b>Student</b>	the sloppy ramp	Junyuan Secondary School	Lim Jun Yang Chiam Jing Yu Zayan Muhammad Rizqi Mateen Fazly
<b>Student</b>	Versatella the Versatile Umbrella	Bukit Batok Secondary School	Ho Zhao Jun
<b>Senior Student</b>	Aircon Disinfection with a Shielded UV-C Germicidal Lamp	Institute of Technical Education – College East	Syahrizal Ramadhan Irianto Safari Nathan Koh Heng Jun Wang Junzheng, Jayden
<b>Senior Student</b>	feeding machine	Nanyang Polytechnic	Yeo Darren
<b>Senior Student</b>	Hanger Stopper	Institute of Technical Education – College Central	Afiqah bte Muhammad Asri Ryka Puteri Eva Sabrinna Binte Sabtu
<b>Senior Student</b>	Navi	NUS High School of Mathematics and Science	Wang Zerui Kwok Xin Ze Vincent Christian James Tan
<b>Senior Student</b>	Stack It Up!	Temasek Polytechnic	Chloe Choo Yan Ee
<b>Senior Student</b>	Aircon Disinfection with a Shielded UV-C Germicidal Lamp	Institute of Technical Education – College East	Syahrizal Ramadhan Irianto Safari Nathan Koh Heng Jun Wang Junzheng, Jayden
<b>Open</b>	Flip-n-Go Trolley	Nanyang Technological University	Gabriel Heng Kim Hwee
<b>Open</b>	The Kiap Kiap - Simplest Hybrid Learning Tool	Singapore University of Technology and Design	Sheeqal Rukirsor Peng Mao Yu

**Encouragement Award:**

Category	Entry Name	School/Institution	Team Member(s)
Junior	Dustiq	Catholic High School (Primary Section)	Koh Zhi Kai Jaeden Chng How Jian Kai
Junior	FingerFitnessGym	Opera Estate Primary School / Nullspace Robotics	Sherene Yung
Junior	The Lego Vacuum	Punggol Green Primary School	Lee Jun Cheng
Junior	VisionEnable	Self	Khoo Jing Heng
Student	Foldable Hydro-case	Naval Base Secondary School	Samantha Bella Vu Jing Wen Oo LaDawn Tan YuJun
Student	Coin Equations	River Valley High School (Secondary)	Lee Jian Hao Feng Yilin
Student	Students' Convenient Table Equipment	River Valley High School (Secondary)	Luan Jiahui Tan Yu Xuan Jenell

**Judges' Award:**

Category	Entry Name	School/Institution	Team Member(s)
Junior	Teeth Watcher	Keming Primary School	Wang Dexin
Junior	LeverAssist	Nanyang Primary School	Edsel Sia
Senior Student	TACTA	Temasek Polytechnic	Lim Wei Quan Joe

**School Award:**

<b>1<sup>st</sup> Prize</b>	<b>River Valley High School (Secondary)</b>
<b>2<sup>nd</sup> Prize</b>	Temasek Polytechnic
<b>3<sup>rd</sup> Prize</b>	Institute of Technical Education – College Central