



## Science and Curiosity at Play: Nurturing Young Innovators with Sony Creative Science Award 2025

*Marking over 94,000 inventive entries since inception, this year's competition celebrates SG60 with a Heritage Innovation Award.*



**Singapore, 13 November 2025:** The Sony Creative Science Award (SCSA), Singapore's largest toymaking competition, returns for its 28th edition this year, attracting more than 3,800 entries from almost 6,000 primary school students across 90 schools islandwide.

Jointly organised by Science Centre Singapore and the Sony Group of Companies in Singapore, with the support of the Ministry of Education (MOE), the competition has received more than 94,000 entries since its inception. Now in its 28th year, the competition continues to spark curiosity, nurture creativity, and inspire hands-on learning amongst the younger generation.

67 students were recognised at this year's ceremony for their ingenious submissions across two categories — Junior WhizKid for lower primary students and WhizKid for upper primary students. The winning entries wowed judges with their innovative use of science principles, original designs and level of engagement in the toy-making process. Toys that demonstrated exceptional educational or engineering value were honoured with Commendation and Merit awards while projects that showed good potential and effort were recognised with Catalyst awards.



In commemoration of Singapore's 60th year of independence (SG60), SCSA 2025 unveiled the Heritage Innovation Award, a special accolade that spotlights toy submissions that weaved Singapore's rich cultural heritage into their design. Through this award, students were encouraged to explore themes inspired by local games, crafts, stories, and reimagine them using scientific concepts. For instance, one winning entry, *GlowTrack* by Max Wong from Lakeside Primary School, transformed recycled materials into an engaging racetrack game featuring a Merlion figure racing past iconic Singapore landmarks. A total of five Heritage Innovation Awards were presented this year.

"Through SCSA, students don't just build toys — they bring ideas to life, turning curiosity into creativity and imagination into invention. Their creations embody the joy of discovery, nurture a love for science, and cultivate lifelong learning for tomorrow's thinkers," remarked Ms Tham Mun See, Chief Executive of the Science Centre Board.

"At Sony, our purpose is to fill the world with emotion through the power of creativity and technology. Guided by this vision, we aim to empower our young SCSA talents as creators to explore their imagination, nurture their creative spirit, and make toys that bring joy and emotional connection to people," Mr Takakiyo Fujita, Managing Director, Sony Electronics (Singapore).

58 teachers were also awarded the Blue Ribbon and Diamond Awards, celebrating their dedication in bringing SCSA to their schools and mentoring students throughout every step of the competition.

For more information on SCSA 2025, please view the appendix below or visit

<https://www.science.edu.sg/for-schools/competitions/sony-creative-science-award>.

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**For media enquiries, please contact:**

**Zeno Group**

[ScienceCentrePR@zenogroup.com](mailto:ScienceCentrePR@zenogroup.com)

Deborah Tay

[Deborah.Tay@zenogroup.com](mailto:Deborah.Tay@zenogroup.com)

**Science Centre Singapore**

Jyotika Thukral

[Jyotika\\_THUKRAL@science.edu.sg](mailto:Jyotika_THUKRAL@science.edu.sg)

Rishiikanthan Vijayahkumar



[Rishiikanthan\\_VIJAYAHKUMAR@science.edu.sg](mailto:Rishiikanthan_VIJAYAHKUMAR@science.edu.sg)

### **About Science Centre Singapore**

Science Centre Singapore, an informal educational institution and leading regional Science Centre, along with its group of attractions, brings out the wonders of science, technology, engineering and mathematics (STEM) through its unique blend of exhibitions, educational programmes and events. A custodian of creativity and innovation, Science Centre Singapore has captured the evolution of scientific developments for more than four decades. The Centre and its partners have played a pivotal role in transforming the way students and the public interact with and learn about STEM. Since 1977, the Centre has welcomed over 30 million visitors and inspired them with more than 1,000 exhibits spread across 14 galleries and outdoor spaces.

The Centre's group of attractions include Omni-Theatre, Snow City and KidsSTOP™. The Omni-Theatre, Southeast Asia's first 8K 3D digital theatre with a 23m wide seamless dome screen, is an immersive destination like no other. Snow City is Singapore's only permanent indoor snow centre offering an Arctic inspired experience at Singapore's first ice gallery and snow chamber. KidsSTOP™ - Where every child gets to Imagine, Experience, Discover and Dream - is Singapore's first children's science centre offering an enriching experience through purposeful play for children aged 18 months to 8 years old. For more information, please visit [www.science.edu.sg](http://www.science.edu.sg).

### **About Sony Corporation**

Sony Corporation is a wholly owned subsidiary of Sony Group Corporation and is responsible for the Entertainment, Technology & Services (ET&S) business. With the mission to "create the future of entertainment through the power of technology together with creators," we aim to continue to deliver Kando\* to people around the world. For more information, visit: <http://www.sony.net/>

Since establishing its presence in Singapore in 1973, Sony has grown steadily over the years to become a leader in the electronics market. We are strongly committed to enhancing operations and contributing to the local economy and community. For more information on Sony's products and services in Singapore, please visit [www.sony.com.sg](http://www.sony.com.sg).

*\*Kando is a Japanese word that roughly translates to the sense of awe and emotion you feel when experiencing something beautiful and amazing for the first time.*



## APPENDIX

### **About Sony Creative Science Award (SCSA)**

Started in 1998, the Sony Creative Science Award (SCSA) aims to develop and promote interest as well as creativity in science among primary school students in Singapore. It also provides an opportunity to learn science beyond the classrooms, in a fun and enjoyable way.

In this competition, primary school students are invited to use their imagination and creativity to make toys that demonstrate scientific principles. Workshops covering communications, creativity and hands-on sessions for both students and teachers are also provided as part of the SCSA programme.

### **Award Categories**

#### **Junior WhizKid Category – Primary 1 & 2**

##### **Theme: “Light, Sound or Action”**

In this category, participants had to integrate at least two elements from the theme "Light, Sound or Action!" within their toy designs. The awards for this category are as follows:

- Commendation Award – Sony product voucher worth S\$150
- Merit Award – Sony product voucher worth S\$100
- Heritage Innovation Award – Chinatown Heritage Centre credits worth S\$60
- People’s Choice Award – Popular voucher worth S\$40

#### **WhizKid Category – Primary 3 to 6**

In this category, participants had to submit toy creations that demonstrated scientific concepts creatively alongside a journal that documented their toy-making process. The awards for this category are as follows:

- First Prize - Sony product voucher worth S\$1,000
- Second Prize - Sony product voucher worth S\$600
- Third Prize - Sony product voucher worth S\$300
- Commendation Award – Sony product voucher worth S\$150
- Merit Award – Sony product voucher worth S\$100
- Catalyst Award – Sony product voucher worth S\$50
- Heritage Innovation Award – Chinatown Heritage Centre credits worth S\$60
- People’s Choice Award – Popular voucher worth S\$40
- Onsite Challenge Award – Popular voucher worth S\$40



### 2025 Panel of Judges

<b>Dr Fannon Lim</b>	Chairman, Sony Creative Science Award 2025 Organising Committee Deputy Director, Research Development Office Singapore Institute of Manufacturing Technology (SIMTech), A*STAR
<b>Assistant Professor Chew Soon Hoe</b>	Assistant Dean, College of Design and Engineering Deputy Head, Department of Civil and Environmental Engineering, National University of Singapore (NUS)
<b>Dr Wee Keng Hoong</b>	Distinguished Member of Technical Staff, DSO National Laboratories
<b>Associate Professor Lim Li Hong Idris</b>	Area Director (Administration), Engineering Design and Innovation Centre, National University of Singapore (NUS)
<b>Dr Li Jingmei</b>	Group Leader, Genome Institute of Singapore (GIS), A*STAR
<b>Ms Audrey Mok</b>	General Manager & Head, Corporate Communications, Sony Electronics (Singapore)
<b>Mr Dave Lim</b>	Assistant General Manager, Head of Design Centre Asia, Sony Electronics (Singapore)
<b>Mr Ivan Ng</b>	Senior Curriculum Resource Development Officer, Curriculum Planning and Development Division, Ministry of Education
<b>Ms Grace Chow</b>	Curriculum Resource Development Officer, Curriculum Planning and Development Division, Ministry of Education
<b>Ms Charissa Lin</b>	Assistant Director, Events & Engagement, Science Centre Board

### List of Winners

#### SCSA 2025 Junior WhizKid Winners – Primary 1 & 2

Total of 8 winning projects

S/N	Name of Student(s)	School	Level	Toy Name	Award
1	Isabelle Wong	Chongzheng Primary School	P1	Treetop Ball Rollie	Commendation & Heritage Innovation Award

2	Low Hong Rui	Rosyth School	P1	HR Musical Interstellar Kaleidoscope	Commendation
3	Nur Nadiya Zhou Yuzhen Bte Muhammad Yazid	Yumin Primary School	P2	Caterpillar	Commendation
4	Goh Qiong Darius & Lim En Yan Jonas	Yumin Primary School	P2	D&J Show	Commendation
5	Muhammad Thabit	Chongzheng Primary School	P2	Drive Marble Run	Merit
6	Joshuan Wirawan	De La Salle School	P2	Dinosaur Egg Factory	Merit & People's Choice Award
7	Advaith Vihaan Peddisetty	Kindle Kids International School	P2	Ecobot	Merit
8	Keerthivasan Shakthi	Yumin Primary School	P1	Know Your Town	Merit & Heritage Innovation Award

### SCSA 2025 WhizKid Winners – Primary 3 - 6

Total of 19 winning projects

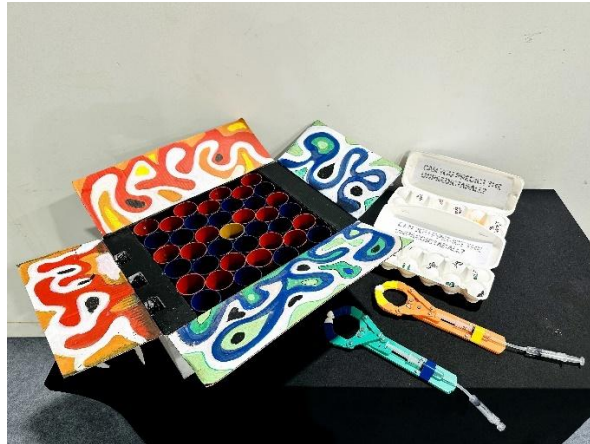
S/N	Name of Student(s)	School	Level	Toy Name	Award
1	Han Hyun Joon & Janelle Yau Zi Xuan	Cantonment Primary School	P5,P6	The UnpredictaBall	First Prize
2	Chee Yan Kai	Rulang Primary School	P5	Pinball Duel	Second Prize
3	Fan Gang Chen	Concord Primary School	P5	MechaLaunch Hoop Challenge	Third Prize
4	Aria Rana	GIIS, SMART Campus, Punggol	P4	Dino Capture	Third Prize
5	McGovern Ashley Shannon	Farrer Park Primary School	P5	Catch Me If You Can!	Commendation & Onsite Challenge Award
6	Lee Yee Jaii & Teh Haw Cher	Kheng Cheng School	P5	Krismas Colour Studio	Commendation

7	Wong Lik Shun Max	Lakeside Primary School	P6	GlowTrack – A SG60 STEM Toy	Commendation & Heritage Innovation Award
8	Anthea Lim & Khloe Koh Tian Xin	Rulang Primary School	P5	Pair the Bee	Commendation
9	Lin Xinyu	Yumin Primary School	P4	Peek-A-Holo	Commendation & Heritage Innovation Award
10	Soo Yu Feng Derek	Catholic High Primary School	P4	Mobile Missile Launcher	Merit
11	Kyi Phyu Htut Shan (Nora)	Chongzheng Primary School	P4	Red Dot Rovers	Merit
12	Tan Zi Han & Ayesha Siddiqah	Damai Primary School	P5	Special Claw Machine	Merit
13	Ezekiel Tan Yi Jie & Kai Liang Shao Rong	Kong Hwa School	P4	Pulley Maze	Merit & Onsite Challenge Award & People's Choice Award
14	Tor Jia Ling Emma	Kong Hwa School	P3	Kampung Kart	Merit
15	Clare Anne Lim	Raffles Girls' Primary School	P4	Rolly Polly "Yay!"	Merit
16	Boon Kang Yu & Rachel Tay Rui Xiang	Rulang Primary School	P5	Powering the Future: Exploring the Wonders of Electricity	Merit
17	Luo Xinning Jasmine & Hong Yu Xi	Yew Tee Primary School	P4	Connect Shooter - 4	Merit
18	Maya Antonella Cerna	Yumin Primary School	P3	My Bubble Buddy	Merit
19	Toby Koo De-En & Isaac Ng Jun Rui	Anglo-Chinese School (Junior)	P4	Race For Food	Heritage Innovation Award



### **Description of Top Four WhizKid Inventions**

**First Prize Winner:** Han Hyun Joon (Mark) & Janelle Yau Zi Xuan  
**Invention:** The UnpredictaBall  
**School:** Cantonment Primary School



Stemming from their childhood fascination of claw machines and robotic arms, Mark and Janelle created the The UnpredictaBall — a hands-on game that brings the thrill of precision and control into a science-based toy. Players use a hydraulic-powered claw to drop ping pong balls into colour-coded cardboard rolls while avoiding the “King” ball marked with a crown. The toy cleverly demonstrates the principles of hydraulic force and fluid pressure, showing how liquids transmit force through a closed system to produce movement.





**Second Prize Winner:** Chee Yan Kai  
**Invention:** Pinball Duel  
**School:** Rulang Primary School



Inspired by his passion for air hockey and pinball, Yan Kai designed Pinball Duel – a thrilling two-player game that captures the excitement of arcade classics. Built as the perfect game to enjoy with his brother, his toy recreated competitive arcade action through clever use of magnetism and energy conversion. By manipulating magnetic blockers and spring-loaded launchers, players harness elastic potential energy and magnetic forces to outmanoeuvre their opponents.



**Joint Third Prize Winner:** Fan Gang Chen  
**Invention:** MechaLaunch Hoop Challenge  
**School:** Concord Primary School



Drawing inspiration from the iconic robotic suits in Iron Man, Gang Chen created the MechaLaunch Hoop Challenge — a hands-on toy that brings superhero engineering to life. Players wear a robotic arm fitted with finger rings and strings that mimic real mechanical movements, allowing them to grasp a ball through the motion of their own hand. The ball is then placed into a launcher, pulled back with a rubber band, and released toward a hoop for a satisfying shot. Blending imagination with science, the toy demonstrates principles of force, tension, and motion, turning a dream of robotics into a fun and interactive learning experience.

**Joint Third Prize Winner:** Aria Rana  
**Invention:** Dino Capture  
**School:** Global Indian International School, SMART Campus, Punggol



Inspired by a scene in Jurassic Park: The Lost World, Aria created a thrilling catch toy game. The two-player game challenges one player to pull a string that rotate a skewer inside the bottle, making the ball attached to the fan blade move counterclockwise, while the other player controls the dinosaur's head to catch the spinning ball. The toy demonstrates rotational motion and timing coordination through an exciting prehistoric chase.

#### School Awards

Schools with the highest number of shortlisted toys		
Category	School	Number of toys
Junior WhizKid	Yumin Primary School	3
WhizKid	Rulang Primary School	3

Friends of SCSA Award (schools that have consistently organised SCSA (Schools) for three consecutive years)	
Anglo-Chinese School (Junior)	
Canossa Catholic Primary School	
Cedar Primary School	
Changkat Primary School	
Compassvale Primary School	



De La Salle School
GIG International School
Global Indian International School, East Coast Campus
Global Indian International School, SMART Campus, Punggol
Horizon Primary School
Kindle Kids International School
Madrasah Irsyad Zuhri Al-Islamiah
Paya Lebar Methodist Girls' School (Primary)
Raffles Girls' School
Rosyth School
St. Andrew's Junior School
Woodgrove Primary School
Woodlands Primary School
Xishan Primary School
Yumin Primary School

#### Teachers' Awards

Diamond Awards		
No.	School	Recipient
1.	GIG International School	Ms Savitha Swaminathan
2.	Global Indian International School, SMART Campus, Punggol	Mrs Roshini Sheela Rani
3.	Global Indian International School, SMART Campus, Punggol	Ms Jubi Bhaskara Kurup
4.	Kindle Kids International School	Mrs Bensy Denson
5.	Kindle Kids International School	Mrs Malathi Shanmugam
6.	Rosyth School	Ms Lim Swee Ching
7.	Rosyth School	Mdm Noor Haidah Binte Mohamed Salleh
8.	Rosyth School	Mdm Koh Mui Lee Evelyn
9.	Woodgrove Primary School	Mr Kee Keng Lun Joel
10.	Woodgrove Primary School	Ms Tan Lin Mien
11.	Woodgrove Primary School	Mdm Siti Murni Othman

Blue Ribbon Awards		
No.	School	Recipient
1.	Angsana Primary School	Mr Hasvinnath Pillai Shastri
2.	Angsana Primary School	Ms Sharaniya Lekshmi Veeraraghavan
3.	Angsana Primary School	Mdm Nurliyana Mahat
4.	Angsana Primary School	Mr Chan Ng Poh Huat Paul

5.	CHIJ Our Lady of Good Counsel	Ms Linda Tan
6.	CHIJ Our Lady of Good Counsel	Mdm Claire Thamboo
7.	CHIJ Our Lady of Good Counsel	Ms Joanna Khoo
8.	Chongzheng Primary School	Ms Emelyne Quek
9.	Chongzheng Primary School	Mdm Surya Parvathi Pillai
10.	Clementi Primary School	Ms Summer May Thu Maung
11.	Dimensions International College	Ms Dharshinii Radhakrishnan
12.	Dimensions International College	Ms Yael Neuubroner D/O Vijayan
13.	Dimensions International College	Mrs Pragya Srivastava
14.	Dimensions International College	Mrs Jayanthi Kumar
15.	DPS International School	Dr Pretina Anto Louis Lazar
16.	DPS International School	Ms Payal Sharma
17.	DPS International School	Ms Sampada Shinde
18.	GIG International School	Ms Chinnasamy Gayethri Devi
19.	GIG International School	Ms Saha Leena
20.	Global Indian International School, SMART Campus, Punggol	Ms Krithika Sivaramakrishnan
21.	Keming Primary School	Ms Lim Huey Ling
22.	Keming Primary School	Mdm Lim Seo Ling
23.	Keming Primary School	Mrs Lynn Chong
24.	Kheng Cheng School	Mr Puah Beng Siong Alvin
25.	Kindle Kids International School	Mrs Ruchika Aswani
26.	Kindle Kids International School	Mrs Rupali Baweja
27.	Kindle Kids International School	Mrs Bijeta Pandey
28.	Kindle Kids International School	Mrs Geeta Arora
29.	Lotus Bridge International School	Ms Swathi Mysore Ramaradhya
30.	Lotus Bridge International School	Ms Natasha Nautiyal
31.	Lotus Bridge International School	Ms Priyaa Tharshiny Thirungna Sampater
32.	Lotus Bridge International School	Ms Alicia Teo
33.	Maris Stella High School (Primary)	Mrs Abigail Chung – Abraham
34.	Maris Stella High School (Primary)	Ms Teo Wan Ting Cindy
35.	Paya Lebar Methodist Girls' School (Primary)	Ms Yee Shu En
36.	Paya Lebar Methodist Girls' School (Primary)	Ms Neo Sock Khim
37.	Punggol Cove Primary School	Mr Liang Jiachen Adrian
38.	Punggol Cove Primary School	Mdm Norihsani Tavant
39.	Punggol Cove Primary School	Ms Tan Mei San
40.	Punggol Cove Primary School	Mr Teng Hang Chuan
41.	Rosyth School	Mdm Siti Ramlah Yusoff



42.	Rosyth School	Mdm Faridah Bte Rambile
43.	Rosyth School	Mdm Zuraina Bte Mohd Senen
44.	Woodgrove Primary School	Ms Choo Yu Ying
45.	Woodgrove Primary School	Mdm Fatin Suhaila Omar
46.	Woodgrove Primary School	Ms Lee Ying Hui Daphanie
47.	Xishan Primary School	Mrs Lee Yu Xin