

# Sony Creative Science Award 2024 (SCSA 2024)



**WhizKid**  
**(from Primary 3 to 6)**

**Organised by**

**SONY**



**Supported by**



Ministry of Education  
SINGAPORE

# Programme Outline



01

Objectives of SCSA

02

SCSA 2024 Details

03

Judging Criteria

04

Toys Submission



# Objectives of SCSA

*Igniting Fun, Creativity, & Imagination*

## X-cited

X-multiplier, x-factor, multi-disciplinary, x-traordinary

**Cultivate** hands-on abilities

**Inspire** creativity from a young age

**Transform** science concepts or ideas into fascinating toys

**Encourage** entrepreneurial skills

**Discover** joy of learning through creation of toys!



# SCSA 2024 Details



# SCSA 2024 Competition

## - School Awards & Prizes

- Top 3 winners/teams of the WhizKid category will receive S\$1000, S\$600, S\$300 worth of Sony vouchers
- Schools who produced the top 3 prize winners under the WhizKid category will receive up to S\$1,000, S\$600, S\$300 cash prize respectively and a certificate
- School with the most number of shortlisted toys in each category will receive S\$1,000 cash prize and a certificate

# SCSA 2024 Competition - Categories



**Junior WhizKid  
(Primary 1 to 2)**

**WhizKid  
(Primary 3 to 6)**



# WhizKid (Pri 3 – 6)

## Requirements for Participants

- To create a toy that demonstrates scientific concepts creatively.
- To submit a digital creative journal of the toy-making process.
  - Please follow the questions provided. You may create/design your own or use the template provided.



# 03

## Judging Criteria

# Shortlisting Round



## WhizKid

*Shortlisted toys will move on to the Final Judging Round*

- Scientific Concept
- Creativity and Originality
- Sturdiness and Design



# Final Judging Round

## WhizKid

- Students whose toys have passed the shortlisting round will be notified through their schools to attend the final judging round on **11 September at Science Centre Singapore**
- Consist of an on-site Hands-on Challenge & an interview session with the judges
- The final judging round is compulsory

# Final Judging Round (WhizKid)



## On-site Hands-on Challenge

- Students would be required to create a toy using the materials provided to meet a requirement/overcome a problem
- They will be assessed based on:
  - Craftmanship
  - Problem-solving skills
  - Creative use of resources
  - The X- Factor



# Final Judging Round (WhizKid)

## Interview Session



- Depth of Understanding - Scientific principle behind the toy
- Toy-making Process - Contribution to the toy creation process
- Design and Conceptualisation - Making and Testing
- Active Participation - Experience gained through building the toy





# Toy Submission/ Preparation



# Instructions for Physical Toy Submission

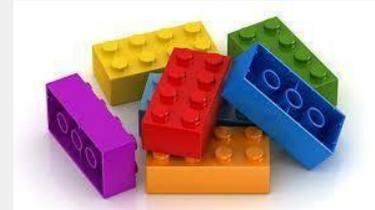
## Packaging of toys

- Each toy to be packed in a transparent Ziplock bag or a box.
- All components/parts to be packed inside the Ziplock bag or box.
- If there are multiple components/parts, include a list of the parts
- Remove all batteries (if any) from their holders.
- Do not use staples, tape or glue to seal the Ziplock bag or box.

**Maximum size of toys: 60cm x 60cm x 60cm**

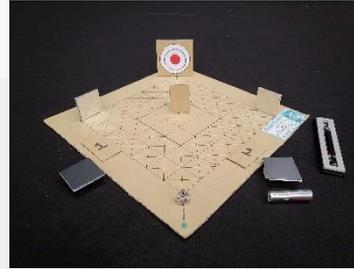
# Common Toys to Avoid

- Workshop toys
- Commercial toys
- Jack-in-the-box
- Catapults
- Purchased or Assembled toys from DIY Kits will not be accepted
  - Lego, LittleBits, etc
- Similar in design, mechanisms, etc. to other toys submitted



**Aim to be creative & unique!**

# SCSA 2023 Winning Toys (WhizKid)



**Eco Reflectors (Commendation Award)**  
By: Issac Woon Xin Wei, Shao Jianan (P6)  
Boon Lay Garden Primary School



**Save the Ninja (1<sup>st</sup> Prize)**  
By: Riz Eshan Bin Muhammad Rizal (P5)  
Changkat Primary School



**Virus Blaster (2<sup>nd</sup> Prize)**  
By: Poh Wen Rui, Poh Wen Yue (P5, P6)  
Cedar Primary School



**The North and South Pole Magnet Game (3<sup>rd</sup> Prize)**  
By: Yung Sherene (P5)  
Opera Estate Primary School

# Timeline of Toy Submission



- Inform your Form Teacher on interest to join competition **by 15 April 2024, Monday**
- Toy creation, completion of Entry Form and Self-Reflection Rubric **from 15 April to 27 June 2024**
- You may seek clarification to improve your toy by informing your child's FTs through ClassDojo.
- Submit toy and entry form to Form Teacher **by 28 June 2024, Friday**
- Improvement to toys **from 1 to 12 July 2024**