

IDE Maker 2024

Project Submission and Presentation Brief

Challenge Theme for 2024

IDE is partnering with World Robot Olympiad (WRO) Singapore for this year's competition theme: **"Earth Allies"**.

In 2024 teams will learn more about how we humans affect nature and how nature and natural events can affect us. How can your project solution help us live in harmony with nature? Can your project solution help us live in places where nature is dangerous or harsh, and can they assist us in living a more environmentally friendly lifestyle?

In partnership with



Note:

- Participation in IDE Maker 2024 is not required for participation in WRO Singapore 2024
- Participation in IDE Maker 2024 will have no direct contribution to your scores at WRO Singapore 2024.

Judging Rubrics

Teams will be assessed based on the following criteria:

1. Novelty & Innovation
2. Design and Aesthetics
3. Usefulness & Impact Factor
4. Cost Effectiveness
5. Presentation
6. Relevance to Theme
7. Quality of Implementation
8. Popular Vote

Rubric 1 to 7 will be based on scoring by the judging panel, while Rubric 8 will be determined by popular vote based on public voting on the competition event day. Primary and Secondary teams will be judged within their own categories.

Project Documentation

- Deadline for submission: **3 May 2024, 12pm**
- Download Project Documentation template from: <https://ideseries.org/ide2024>
- Fill up the Project Documentation
- Email to: sg@ideseries.org



Preliminary Round (Zoom)

Presentation slots to be scheduled for each team between **8 - 10 May 2024**.

Presentation Format:

- Each team will be given a 10 minutes time slot (7 minutes presentation + 3 minutes Q&A).
- Live show and tell of project prototype.
- PowerPoint / Google Slides may be used.

Competition Finals (Onsite)

Shortlisted teams will be invited to the competition finals:

- 20 May 2024 (Primary School Category)
- 21 May 2024 (Secondary School Category)

Presentation Format:

- Each team will be given a 10 minutes time slot (7 minutes presentation + 3 minutes Q&A).
- Live show and tell of project prototype.
- PowerPoint / Google Slides may be used.
- Teams may also prepare/print out project poster (max A1 size) on foam backing.



Presentation

Presentation Content:

- Introduction of team members
- Project topic or problem your team is trying to tackle
- Project idea
- Main hardware components
- Programming logic / flowchart
- Demonstration of project