

# IDE Maker 2022

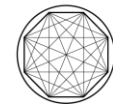
## Submission and Presentation Brief

# Challenge Theme for 2022



## “Smart Solutions to improve commuting in Singapore”

This could include innovations that tackle the environmental sustainability of transport in Singapore, or innovations that tackle aspects of safety, convenience or efficiency of transport.



# 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 Promotional Video submission. Primary and Secondary teams will be judged within their own categories.

# Promotional Video

- Deadline for video submission: **16 May 2022, 2359 H**
- Video to be submitted online to a Google Drive folder (link will be sent to schools)

Sample past year video submissions:

[IDE 2021](#)

[IDE 2020](#)

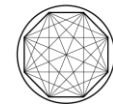
# Promotional Video

## Video Format:

- Horizontal 16:9 aspect ratio
- At least 720p. Recommended 1080p.
- MP4 or MOV format

## Video Guidelines:

- Max 2 minutes
- Display IDE2022 image at the start of video for at least 1 second ([JPG](#) / [PNG](#))



# Promotional Video

## Video 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

# Promotional Video

## Other Information to Submit:

- Video thumbnail image (1280 x 720 pixels) – make it eye catching!
- Project Title
- Project Description (max 100 words) – to be appended in video description

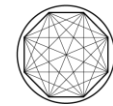
# Presentation

Presentation slots to be scheduled for each team between 16 – 20 May 2022

## **Presentation Format:**

- Online via Zoom
- Each team will be given a 10 minutes time slot (7 minutes presentation + 3 minutes Q&A).
- Teams are to log onto the Zoom link 10 minutes before their schedule slot to test that their camera and audio devices are working.
- Live show and tell of project prototype (do not just play promotional video).
- Use PowerPoint / Google Slides for presentation.





# 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