



A. Category

Name of Category: Traffic Solutions

Date and Time: November 11, 2017 2:00 PM- 4:30 PM

Robotics: Lego WeDo 1.0/2.0

Entries: 10 teams (3 persons/team)

Fees: ₱1,500 per team

Short Description: Children ages 10-13 years old will create and program a model that best presents a solution to the growing traffic problem. Solutions may include creating a new infrastructure or designing a robotics model that reduces traffic congestion.

B. Presentation

The finished robot will be placed in the exhibit area for judging and public viewing. A short description of the robot and how it works will be framed next to the robot. Contestants need to provide this information ahead of time to Compass Education. Compass Education will print it out and provide the frame.

The brief summary (for the frame) must contain the following information and answer the questions below:

- Title of the model
- Team Name/Contestants Name
- What did you build?
- Why did you build it?
- How does it work?
- How can it benefit the world/community?

This information must be submitted on or before October 10, 2017. It must also be written in 1-3 paragraphs with 100-200 words per paragraph. This needs to fit in a short bond paper. Compass Education may assist in editing as needed.

C. Rules and Mechanics

Registration

- A team is composed of 1-3 persons only.
- Each team is required to have a team name and a supervising coach. The coaches do not need to be in the related STEM field. They must be present at every training/prototyping session.
- The members must submit a completed registration form and a fee of ₱1,500 per team regardless of the number of contestants per team. If you are a public school and need assistance with the fees, please call us at 0917-629-4942 Globe or 0932-769-8893 Sun. If you are out of Cebu City, we will provide you with bank information for your deposit.
- The team members must submit their shirt sizes. If you are unsure about your size, ask a Compass Education staff member to assist you with sample sizes.
- Registration, payment, scheduled training, description of robots and t-shirt sizes must be completed on or before October 10, 2017.
- The Liability Waiver and Release of photography and videography should be completed and signed. The signed copy can be given to Compass Staff or emailed (scanned).
- Each category has a limited number of entries. Competitions in each category will be closed as soon as it is filled.

Pre-Competition

- (Optional) Each team is invited to prototype their work at Compass Education prior to the competition. Each team will be given 7 meetings to complete their robot.
- (Optional) Each team must call Compass Education and choose their specified training dates. This is on a first come first serve basis and by appointment only. Please choose your time and date as soon as possible. Teams cannot build the prototype/s or practice at Compass Education without the supervision of their coach.
- On the last training day, teams are required to gather all their materials which will be sealed in a box and transported to the competition venue site by Compass Education personnel.
- Each team is required to submit a brief description of their model with their team name. this will be framed by Compass Education and placed beside their creations.

Competition Day

- Each member of the team must wear their competition t-shirt given by Compass Education or their respective school uniforms. Teams are responsible for obtaining permission from their schools to wear their school uniform.
- Competitors must register at the registration table to gather their name badge at least 30 minutes before their scheduled competition time.
- Competitors together with their robots will be escorted to their table where their robots will be displayed.
- A picture of the whole team and their creation will be taken for press/media purposes.

Awarding

- Awarding for all Categories will be at 4:00 PM on November 12, 2017.
- All contestants are requested to be there to receive their awards.
- A letter and a congratulatory tarp will be given to the schools of the winning contestants.

D. Scoring

Robots will be judged by multiple judges, each grading on a point scale: 1-5 points being given in each of the below categories. Their scores will be added together.

- Idea, Creativity
 - Does the team express originality and a clear purpose? Does their model reflect the given theme well?
- Craftsmanship
 - Is the robot well-built? Can it withstand challenges when programmed to be in a constant motion?
- Technology
 - Does the robot display the best use of technology such as appropriate use sensors, motors and sound?
- Innovation
 - Does the robot apply better solutions to meet our existing need? Is there a unique element to the model?
- Overall Presentation
 - Do the visual details create a good overall impression?

E. Declaring Objections

- No objections shall be declared against the judge's decisions. There are numerous judges both on the STEM field and otherwise. Their decision is final.
- The coach of a team can present objections to the Marshall, before the match is over, if there are any doubts in the exercising of these rules.

F. Flexibility of Rules

- As long as the concept and fundamentals of the rules are observed, these rules shall be flexible enough to encompass the changes in the number of players and of the contents of matches. Modifications or abolition of the rules can be made by the local event organizers as long as they are published prior to the event, and are consistently maintained throughout the event.

G. Liability

- Participating teams are always responsible for the safety of their robots and are liable for any accidents caused by their team members or their robots.
- Compass Education and the organizing team members will never be held responsible or liable for any incidents and/or accidents caused by participating teams or their equipment.
- Compass Education and its partners and sponsors shall not be responsible for any lost and stolen models during the competition.

H. Awarding

Judging will be conducted at 1-3 PM on November 12, 2017 by several judges. The Awarding Ceremony will be at 4:00 PM.

The awards are as follows:

1 st Place	Gold Medal
2 nd Place	Silver Medal
3 rd Place	Bronze Medal

Liability Waiver and Release of Photography and Videography

Assumption of Risk

As the coach of the team, I represent the team and I _____ am aware that participation and involvement in the 3rd Compass Education Robotics Cup has many inherent risks, including but not limited to personal injury due to misuse of machines or tools or malfunctioning of items constructed during the competition and events.

I freely accept and fully assume all such risks, dangers and hazards and the possibility of personal injury from misuse of machines or chemicals (i.e. loss of limb or digit, burns) death, property damage or loss resulting from such risks, dangers and hazards.

I agree as follows:

1. To waive any and all claims that I have or may have in the future against Compass Education, and its members, officers, employees, students, agents, volunteers and independent contractors, donors and sponsors (all of whom are hereinafter collectively referred to as "the releases");
2. To release the releases from any and all liability for any loss, damage, injury or expense that I may suffer, or that my next of kin may suffer as a result of my involvement in the competition. Due to any cause whatsoever including negligence, breach of contract or breach of any statutory or other duty of care.
3. To hold harmless and indemnify the releases from any and all liability for any damage to the property of, or personal injury to, any third party resulting from my involvement in the competition or events
4. I hereby permit Compass Education to use any pictures, videos or interviews taken during the Competition to be used for marketing, website, press and social media purposes. None of the pictures taken will be sold for commercial purposes.
5. This agreement shall be effective and binding upon my heirs, next of kin, Executors, administrators, assigns and representatives in the event of my death or incapacity. In entering into this Agreement, I am not relying upon any oral or written representations or statements made by the Releases other than what is set forth in this Agreement.

I have read and understood this agreement and I am aware that by signing / initialing this agreement I am waiving certain legal rights which I or my heirs, next of kin, executors, administrators and assigns may have against the releases.

Date: _____ Name and Signature of Coach: _____

Thank you for registering. Payment is due 10 days from the registration date. Checks payments should be written out to Compass Education. Please call us at (032) 319-0640, Globe 0917- 629-4942 or Sun 0932-769-8893 or email us for bank details. Thank you.