

## Open Category Theme

Theme: Saving Global Environment.

Global environment protection is a global theme of the future. It is important to approach this problem from a scientific and technological perspective, particularly using robots.

Examples:

- Prevention of Global Warming  
e.g.) Factory emission control of greenhouse gases, promoting the use of non-fossil fuel energy (solar power, wind power, etc.), electric energy consumption controlling devices.
- Countermeasure against the acid rain problem, or measuring its impact on the environment.
- Conservation of forests, especially prevention of deforestation and promotion of forestation.
- Investigating the ocean and river pollution, and support its purification.
- Investigating the cause of dinosaur extinction and its relativity to global climate change.
- Informing the people what they can do in their daily life to save the environment.
- Spreading the "MOTTAINAI": A Japanese word introduced to the world by Prof. Maathai of Kenya at the UN. This is the underlying mentality of the Japanese Eco-culture. (What a waste! )
- Development of robot technologies taking part in environmental conservation.

Size of booth: 2970 millimeters in width × 1860 millimeters in depth

RCX or NXT controller and ROBOLAB or NXT software must be used.

### Attention

The things with danger of fire and explosion are prohibited to use.

The things with nasty smell, large sound and material that causes harm for human body and facilities are strictly prohibited to use.

In addition, tools and materials that brings danger to presenters and visitors. (e.g.: Drill, injection needle, etc.)

Water is available, but do not wet facilities absolutely.