

Global Outreach of Entertaining Disaster Prevention Education from Japan

Hirokazu Nagata
Chairperson of Plus Arts

+*arts*

Incorporated non-profit organization Plus Arts

Plus Arts Method

“Wind”, “Water”, “Soil”, and “Seeds”

In Education of disaster preparedness for Local Communities

“Water-type” person

A person who stands by the community, continues watering the seed, provides initial support.

“Wind-type” person

A person who brings “seed” to the community/soil. Its role is to bring stimulation.



“Soil-type” person

Those who stay in the community. Be rooted in the community and continue the activities.

“Wind”, “Water”, “Soil”, and “Seeds”

In Education of disaster preparedness for Local Communities

“Water-type” person

A person who stands by the community, continues watering the seed, provides initial support.

“Wind-type” person

**NPO Plus-Arts
(We)**

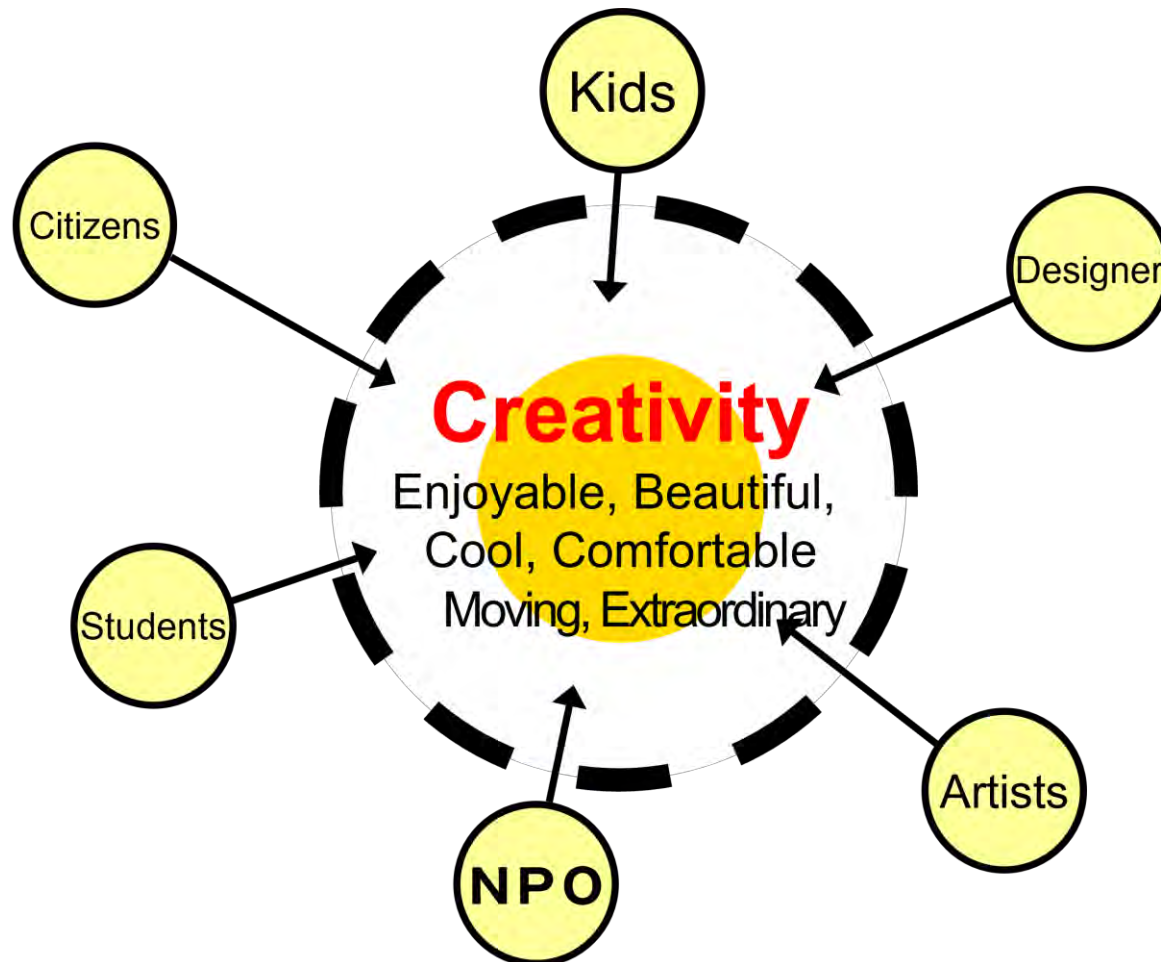


“Soil-type” person

Those who stay in the community. Be rooted in the community and continue the activities.

What makes a good “seed” ?

- It's actually better, when we **plan NOT perfectly!**
- A methodology called “**+creative**”















Research and interview

1 Internet



2 Firsthand accounts



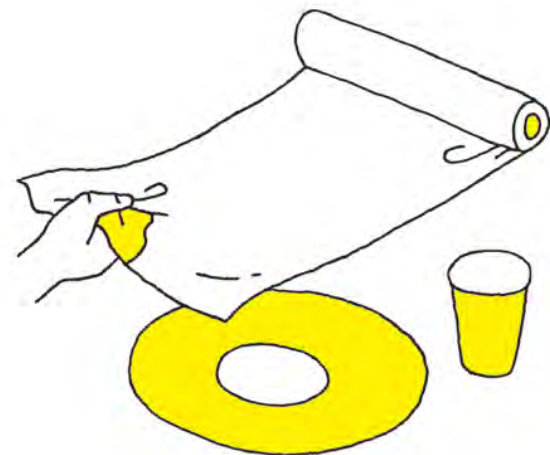
3 Earthquake Museum



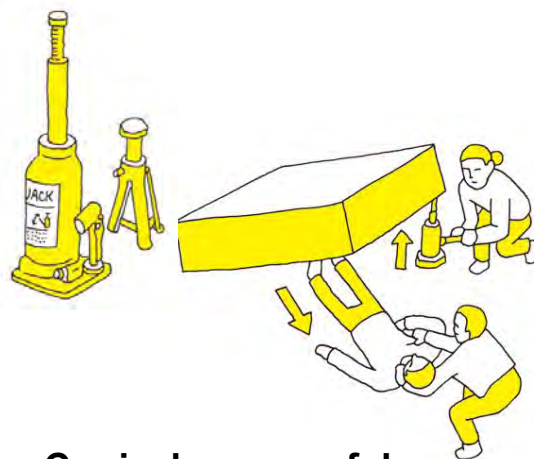
4 Interviews of disaster victims



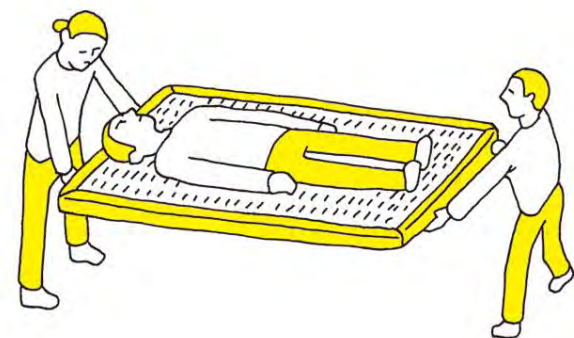
Disaster-prevention related knowledge and skills taught by disaster victims



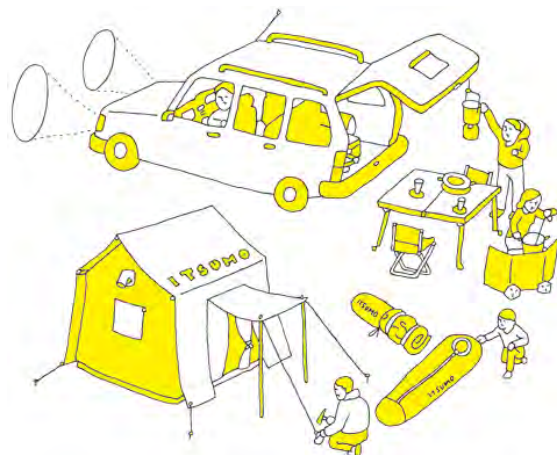
Open cling film over the plate



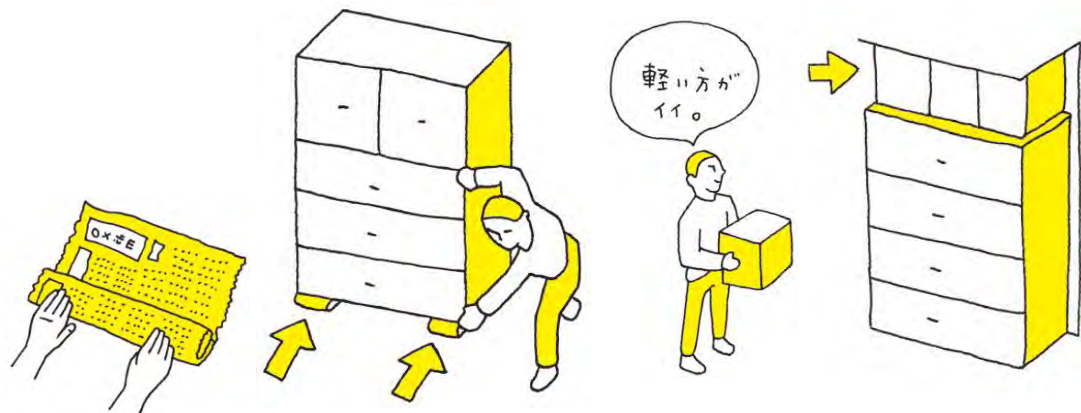
Car-jack was useful



Carry everything all over the place

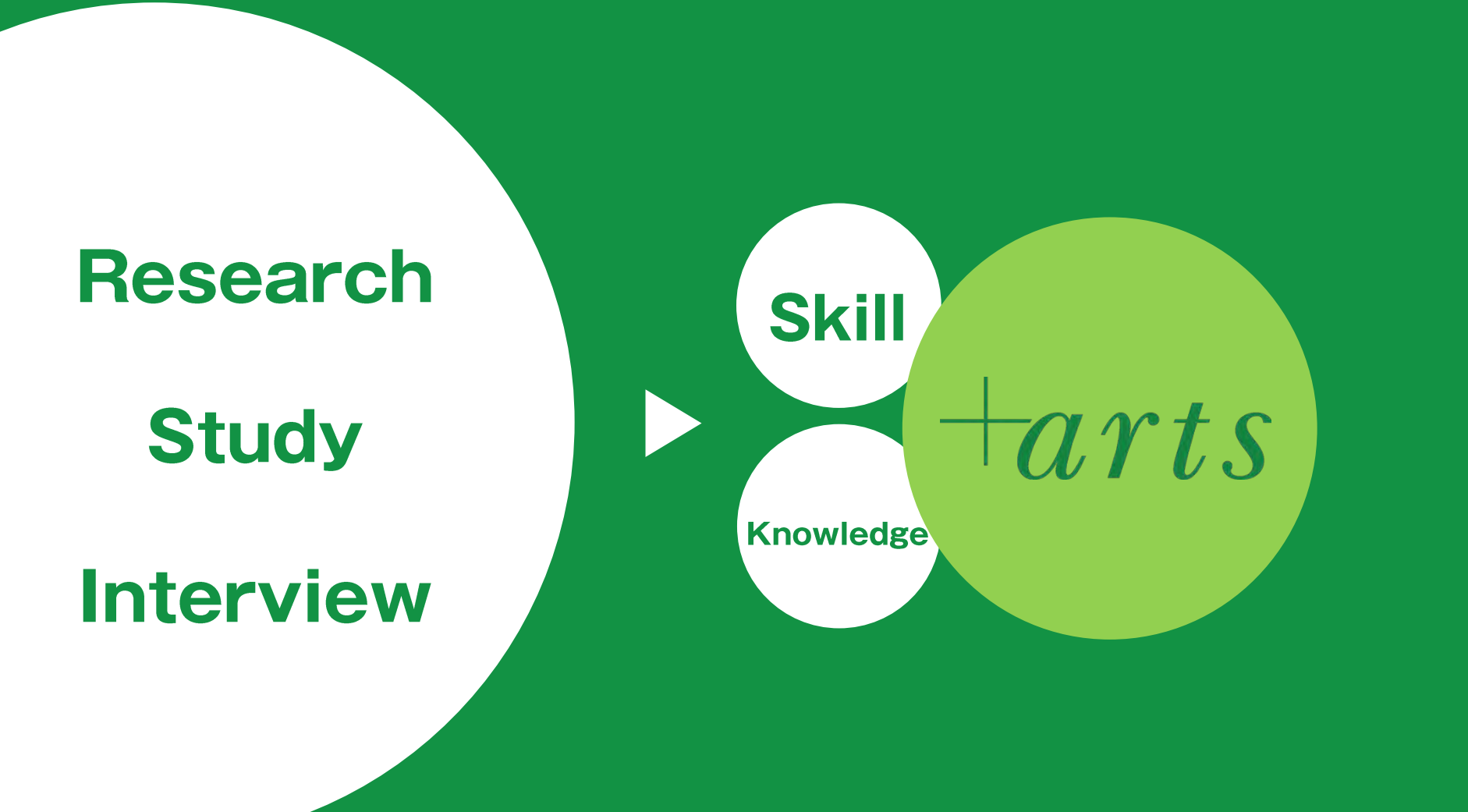


Camping every day outdoors is disaster prevention



Various methods to prevent furniture falling over

Introducing disaster-preparedness drill program



Learn well while having fun.
New disaster risk reduction drills that are
popular with families.



IZA!

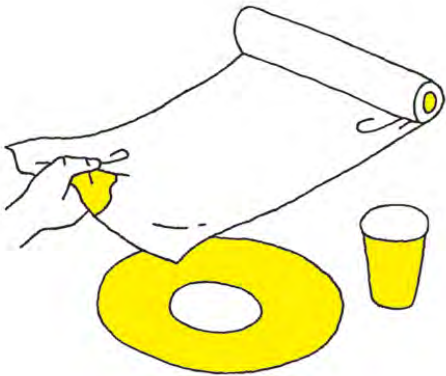
KAERU CARAVAN!

MESSAGE FROM 1995 AT KOBE

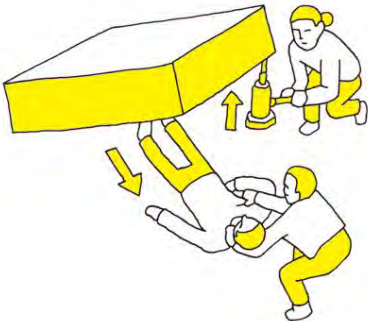
A program to learn various lessons while having fun



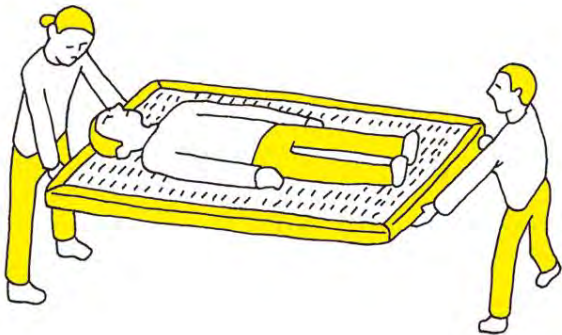
● Disaster-prevention related knowledge and skills taught by disaster victims



Open cling film over the plate



Car-jack was useful



Carry everything all over the place



Paper tray making



Jack-up game



Blanket stretcher time trial

Programs of Iza! Kaeru Caravan!

Hands-on programs to learn useful skills in times of disaster



● Target shooting game with water extinguisher



● Blanket stretcher time-trial



● Jack-up game



● Paper tray making

Programs of Iza! Kaeru Caravan!

Educational materials and card games to learn about disaster prevention



● Disaster-prevention card game, “Catfish school”



● Disaster-prevention card game, “Shuffle”



● Disaster-prevention picture story show



● Flood-themed clothing game

Original disaster risk reduction card game



● Disaster-prevention card game, “Catfish school”



● Disaster-prevention sugoroku game, “GURAGURA TOWN”



● Disaster-prevention card game, “Minnade asonde Tasu-Quartet”



● Disaster-prevention card game, “Shuffle”

Expansion across Japan

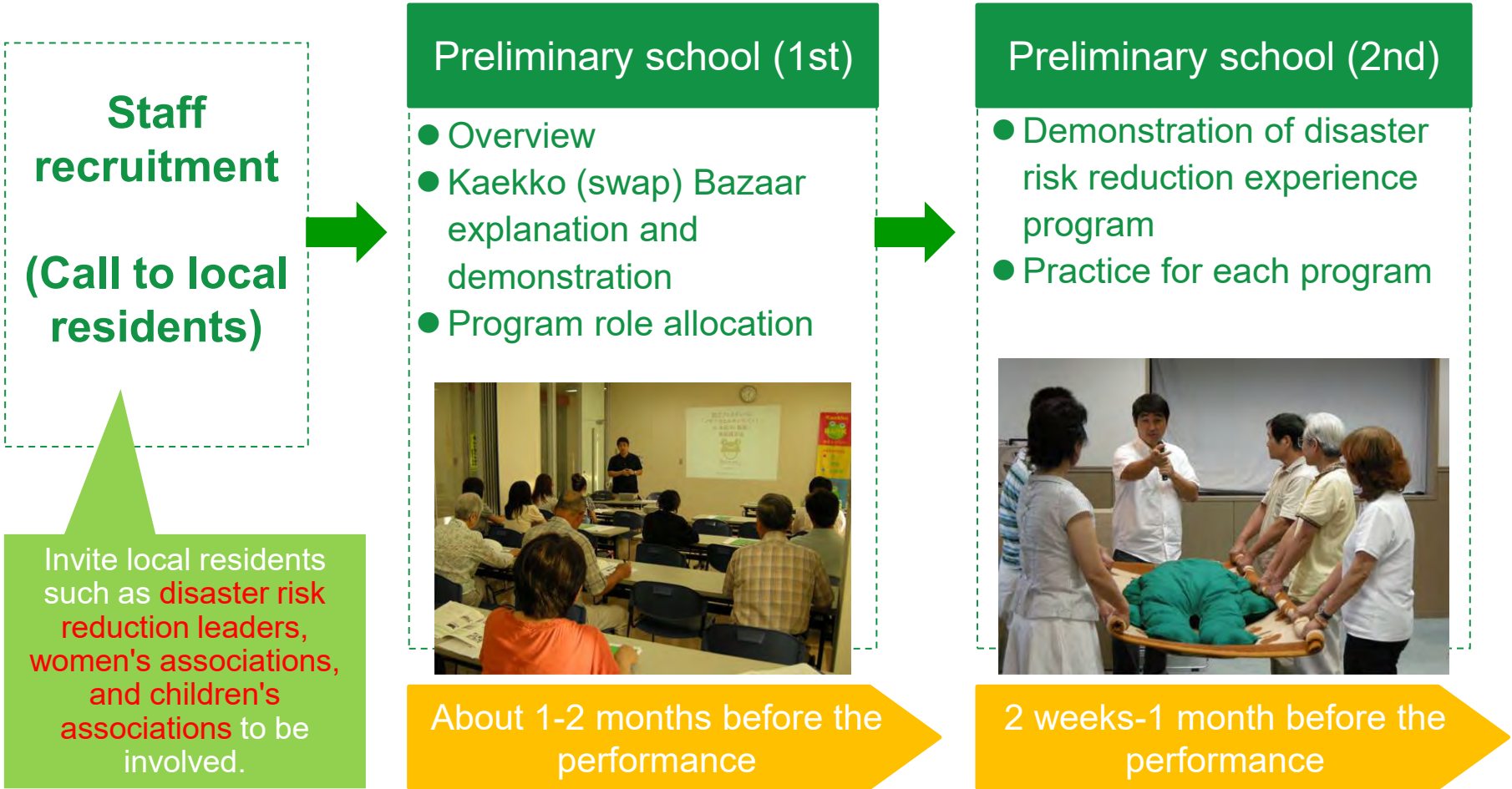
Held in 36 prefectures

Total of **560** events (by 2019)



Method and flow of community support

Flow of actions until the event performance



Method and flow of community support

Flow of actions up to the event performance

Preparation for the performance

- Produce original programs and tools such as signboards



Performance



Local people take the lead in managing the event.

Leading up to the performance

Examples of initiatives in collaboration with the local government and the community:

"Iza! Kaeru Caravan!" currently in its 6th year in Wajima City, Ishikawa Prefecture

The local government collaborates with local organizations and holds the event together with existing festivals.



Organizer: Wajima City

Cooperating organizations:
Fire Department, Social Welfare Council, disaster risk reduction officers, PTA, sports clubs, university students (Footbath Corps), Kanazawa Eco Life Club (Kaekko Bazaar Implementation Experience Group), etc.

"Iza! Kaeru Caravan! in Monzen New Buckwheat Noodle Festival"
(Held in November 2012)

The event was held together with the "New Buckwheat Noodle Festival." Buckwheat noodles were served to the staff at noon.

Examples of initiatives in collaboration with the local government and the community: Tottori Prefecture

The event is conducted by the prefecture as a model project in Kurayoshi City.
A nearby Kaekko Bazaar sponsoring organization is in charge of conducting a toy exchange event.
There are plans to purchase a set of equipment and materials and to continue to deploy them in the prefecture from the next fiscal year.



Co-organized by: Kurayoshi City,
Tottori Prefecture

Managed in cooperation with:
Fire Department, Fire Brigade, Female Fire
Brigade, Disaster Risk Reduction Officers
Association, Children's Center staff, local university
students, etc.



Examples of local initiatives: Sakyo Ward Comprehensive Disaster Risk Reduction Drill (in Matsugasaki elementary school)



Supported by local organizations such as the Physical Education Promotion Association, Fire Department, Volunteer Fire Company, PTA, Daddy's Association, elementary schools, university, and Social Welfare Association, center role played by the Autonomy Federation and the Voluntary Disaster Risk Reduction Federation.



Examples of initiatives with schools: Yuri Gakuin

The event was held for the **entire school**, with teachers and students working together in one unit.

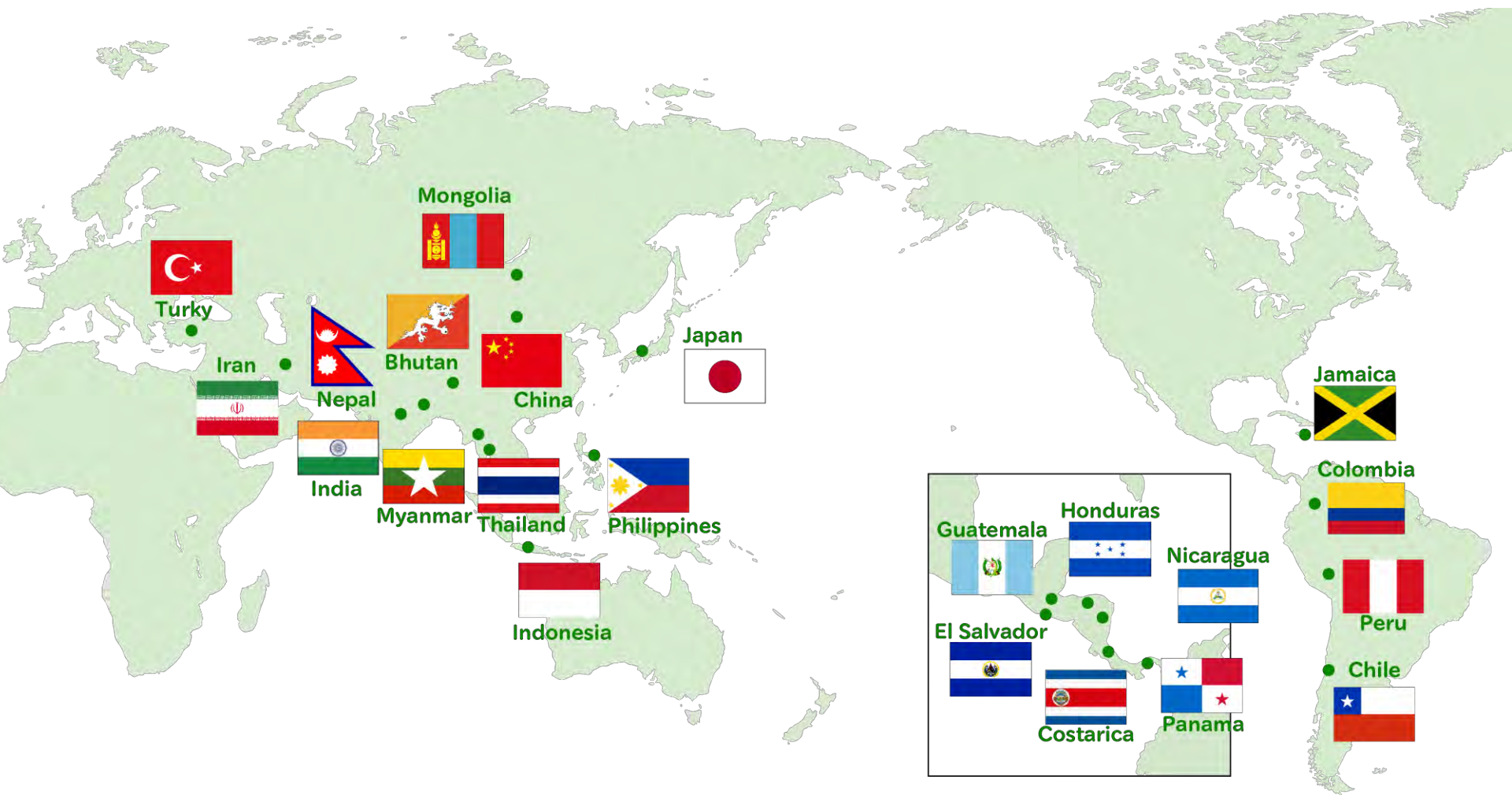
It was planned and operated through trial and error by allocating the program in charge for each club activity.



Organized by: Amagasaki Nishi Rotary
Club, Yuri Gakuin Interact Club

Expansion to overseas

Total **21** countries (by 2018)



Jogjakarta, Indonesia



Cagayan de Oro, Philippines



Iloilo, Philippines



Bangkok,Chiang Rai,Phuket, Thailand



Sakarya, Turkey





Talcahuano, Chile



IKC Workshop in Yangon, Myanmar

Day-1



Lecture



Demonstration



Demonstration



Localization workshop to Myanmar version



Making a sign board

IZA!
KAERU
CARAVAN!

IKC Event in Yangon, Myanmar
Day-2



Target shooting game
with water extinguisher



Blanket stretcher time-trial



Plastic bottle life jackets



Quiz - Which items to take?



Disaster-prevention card games



Subsequent expansion of IKC activities in Myanmar

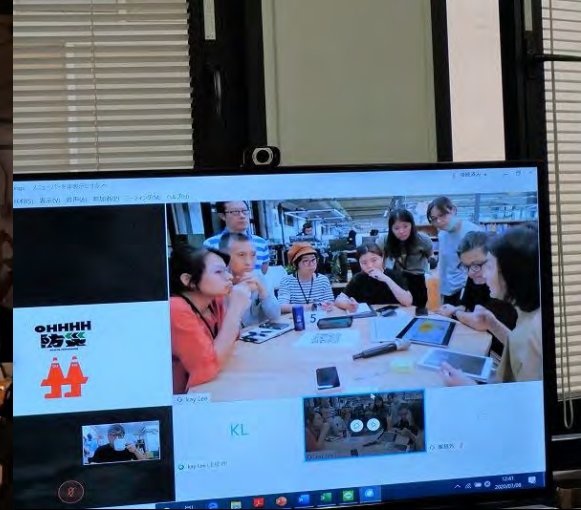
After the training, the fire department's team conducted 67 IKC activities in 9 states in the 6 months. 15,472 children participated in this program.



Taiwan Design Research Institute
×
NPO Plus-Arts

IKC in Taiwan





IKC in Taiwan

Online Workshop 5times

①2020.Jun.22②Jul.8③Jul.9④Aug.5⑤Sep.3

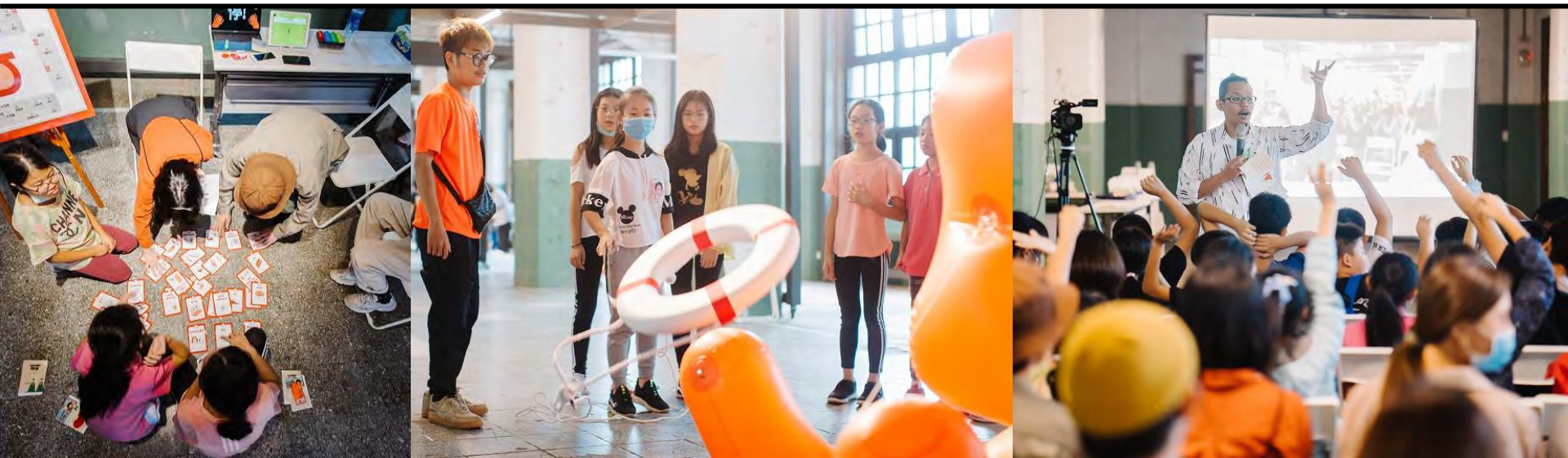




IKC in Taiwan

Demonstration Children's Experience

2020.Oct.13





IKC in Taiwan
Achievement presentation
(experience event + exhibition)
2020.Dec.10



OH HHHH 防災

防災教育體驗區



Local examples of disaster-prevention programs

01-1 Making a doll for transportation drill

Various places in Japan, Guatemala

Examples of making dolls for use in blanket-stretcher time trial or jack-up game, by those good at handicrafts in the area, or making a doll in the local character.



Kawai Town, Nara Pref.



Koshigaya City, Saitama Pref.

(Original)



There are
people good at
handicrafts!

Create with local
character



Musashino City, Tokyo



Guatemala

01-2 Making a doll for transportation drill

Nicaragua, Mongolia



Nicaragua



Mongolia

02-1 Choice material for temporary stretcher

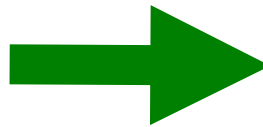
Indonesia, Philippines

Examples of choice material for temporary stretcher to use in blanket-stretcher time trial program.

(Original, Japan)



Choice from
local
commodities



Indonesia



Philippines

02-2 Choicing material for stretchers

Indonesia, Philippines



Using stretchers made of “Banig (traditional craft)”



Using stretchers made of bamboo and “Sarong (traditional wrap-around skirt for men)”

03-1 Strikeout-style target shooting game with a water extinguisher

Miyazaki City
Miyazaki Prefecture

An example of a popular program,
a strikeout-style target shooting
game made by local craftsman
and those good at home carpentry.

(Developed by local people)

First
year



(Original)



Further advanced
in the 2nd year!

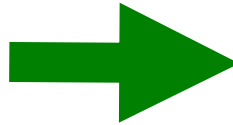


03-2 Book-end type target shooting game with a water extinguisher

Yugawara Town,
Kanagawa Prefecture

Simple target used for fire extinguisher drill. Compared to a strikeout-style target, the feature of this target is that it is easy to carry and make. Original targets are developed in various areas.

(Original)



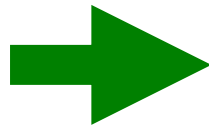
04 Challenge! Bucket relay

Indonesia
Guatemala
Mongolia

A development example of a tool used for the bucket relay drill. In the original style, water is just collected in the bucket. To throw the water furiously, a target was produced!

(Developed by local people)

(Original)



05-1 Plates

Indonesia

Original
Paper-plate-making with
newspaper
(Japan)

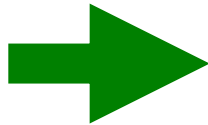


Plate-making with banana leaves
(Indonesia)



05-2 Plates

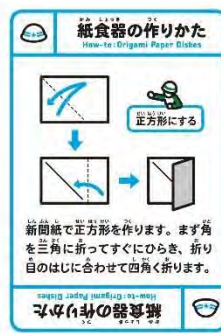
Thailand



Plate-making with banana leaves

● Disaster-prevention card game, “Shuffle”

Japanese Original Version

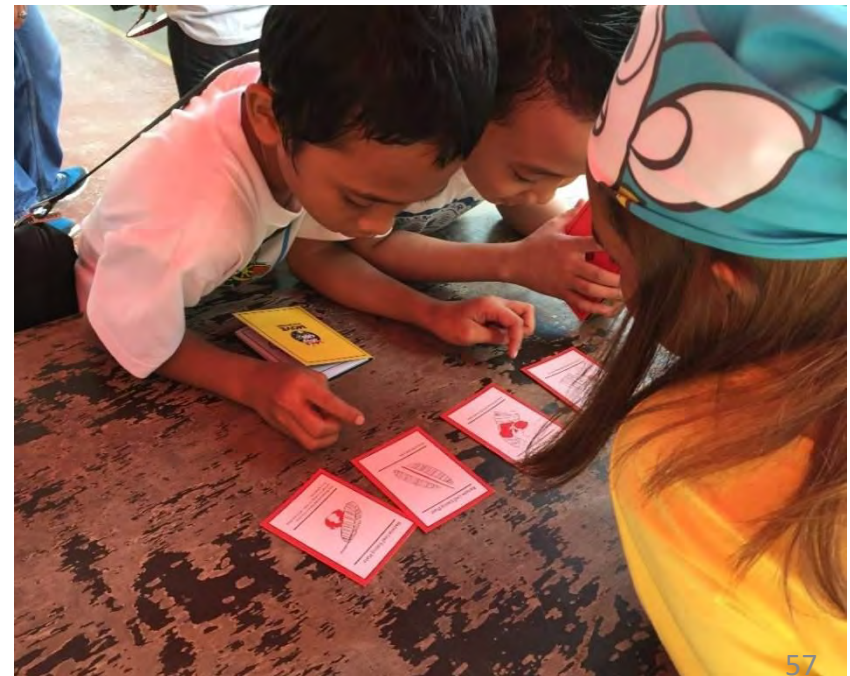
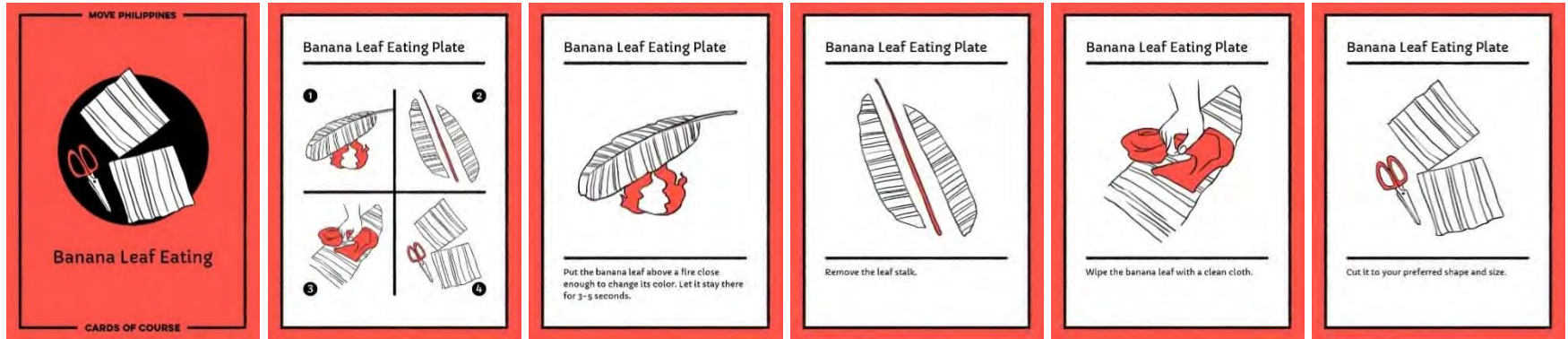


Japanese Version → Thai Version (original illustration)



● Disaster-prevention card game, “Shuffle”

Japanese Version → Thai Version → Philippines version (original illustration)



07 Character (Symbol mark)

Indonesia

An example of creating a local character.

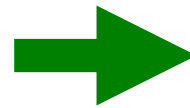
By adopting an animal or a character that is loved in that area, more attachment will be generated, and tend to contribute to having repeated events.



IZA!

KAERU CARAVAN

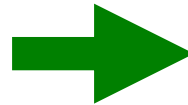
MESSAGE FROM 1995 AT KOBE



Frog to Kanchil (Deer)

07 Character (Symbol mark) | Indonesia

After the character change, original versions for frog doll.



● Doll used for transportation drill changed to a deer doll