

Program 1

Disaster Reduction Education Program for students majoring in pedagogy

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- Objectives: Teachers are supposed to protect their students in the event of a disaster, so this lecture aims at providing teacher candidates with knowledge regarding disasters, as well as skills on how to teach about it.
- Target: students majoring in pedagogy
- Type: Lecture, experiment and field trip
- Project: one-week intensive lecture learn about earthquakes and their consequences.

Lecture Contents



Day 1:

Lecture about earthquake mechanism. Then learn recent earthquake.(DRH48 and Teaching materials about risk management and disaster prevention)

- Learning about earthquakes to teach children.
- Learning about past earthquakes and experiences in order to reduce damage



Day2:

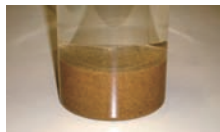
Earthquake experiment and Shaking-table demonstration (DRH2 and DRH22)

- Easier to understand earthquakes by making a simple device.
- Seeing to the difference in damage between two buildings with different structure



Day3:

Lecture about disaster triggered by earthquakes (tsunami, liquefaction and so on)



Day 4:

Simple quiz & impression presentation



Day5:

Explaining about disaster management and making a hazard map of the inside and outside of the school (DRH38, DRH40, DRH41)

- Knowing which of the school buildings are earthquake-resistant.
- Identifying the dangerous places within the school.
- Making a panel in each classroom to show what kind of risks exists and how to evacuate when an earthquake occurs.



Day6:

Making hazard map then discussing them in groups and try evacuation drill (DRH25)



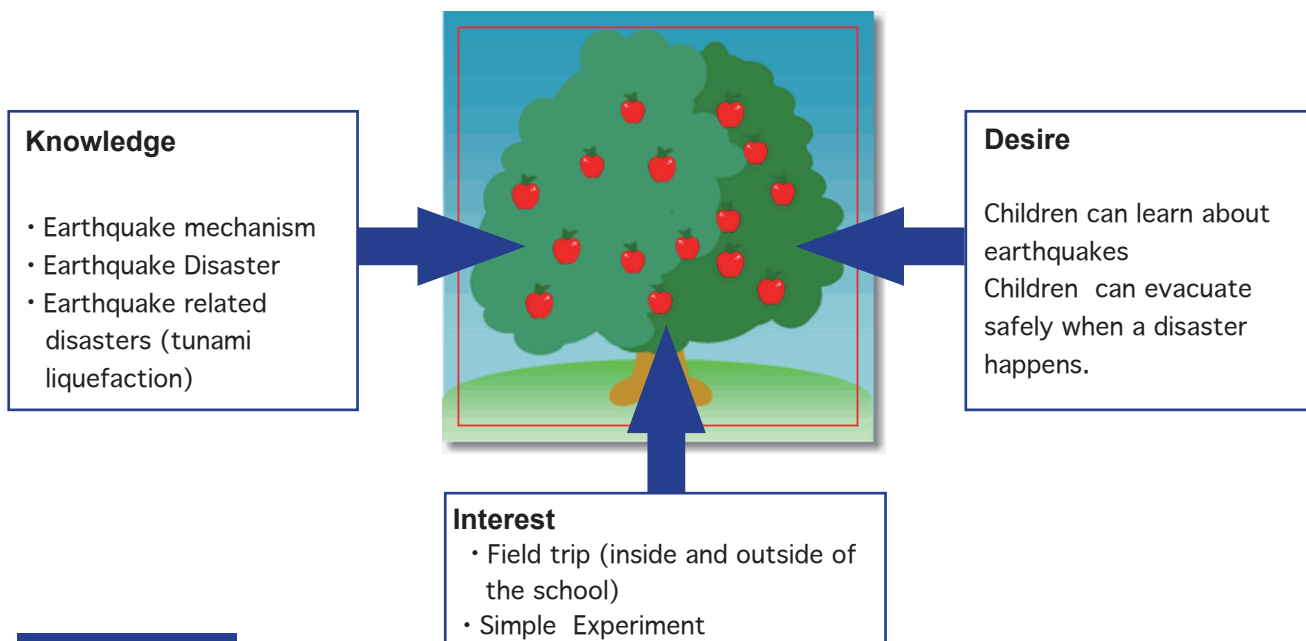
Day7:

Sum-up and teaching practice about earthquake and related disasters in front of the other attending people

Outcomes

- The lecture and experiment allow students to understand earthquakes and related disasters easily
- Sharing ideas and teaching practices is a valuable experience to teach children in the future

KIDA Tree Model



Action

- Teachers provide an enjoyable way for children to learn about earthquakes.
- Safe evacuation

References

DRH 2,22,25,38,40,41,48

Others: Teaching materials about risk management and disaster prevention, Saitama prefecture