

Topics in Japanese Geography IV

Final Report

Subject

Please make your own proposal of a disaster prevention activity. It could be a useful tool, event, service, goods, or disaster drill.

Documents for Submission

1. Working Sheet (70%) format is available → <http://bousai-story.jp/lectures/>
2. Sketch Sheet (30%) format is free

Due & Requirements

8th of June, by 15:30.

Please come to the classroom of E405, and hand in. If you are not able to come to the class, please send by email to the address below.

E-mail: wingbase@gmail.com

It is NOT ACCEPTED after the due. No exception.

You can use Word, Excel, and Hand Writing for the document.

Your score would be deducted if the words are not able to identify because of bad hand writing.

Procedure

① Please fill out the Working Sheet.

② Please draw a sketch of your proposal. It should be able to show the outlines and image of your proposal.

※It is not necessary to be good and nice sketch but necessary to be in specific.

If you have any questions, please contact me by email to the address below.

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Problem: People would get confused when the big disaster happened and they would not be able to make ^{quick} decisions what to do and where to go even they underwent disaster drills.

Concept: What should we do for people so that they can obtain knowledge to judge, assess and take action when the catastrophe occurred.

Approach: Japanese government should invest huge money for this implementation.

Ex: Officials and people should invent the device with VR technology which can reflect the ~~situation~~ situation of disaster. It is a good idea using that device and earthquake simulator machine together because they can enhance the reality.

Working sheet for final report

Name Hiroki Ogawa
ID 1A113039

Proposal Name

Disaster drills using VR technology

Please answer the questions about your proposal as followings.

1. Theme of Your Proposal

1-1. Who are the targets of your proposal?

Answer:

- People who participate in Earthquake drills.
- Those who have low interest joining such events.

1-2. What is the problem they are in?

Answer: Even though there were joined disaster drills, they would get participated in the big earthquake happen.

People need to know evacuation-procedures through this program.

For ex: When earthquake occurs, people will know how to act.

1-3. What is the goal for the problem in your proposal?

Answer: I want everyone to possess the ability to deal with

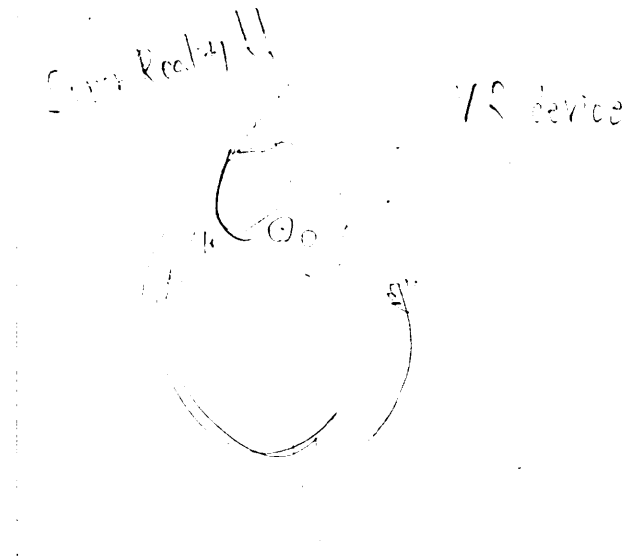
disaster. People will get palpable image toward earthquake.

In addition, people will come to know how to react correctly when big earthquake happens.

2. About the Concepts and Ideas for Solution

2-1. Please explain the direction and concept to solve the problems.

Answer : I expect from this event which would help participants understand the procedure to be done.



2-2. Please explain about your solution in detail.

Answer : The event of disaster drills was stereotyped, for example we just watch video and hear the story about disaster, and we feel bored. Therefore, I would like to propose disaster drills with VR because we can see really obvious vision through a VR device. I believe that VR would enhance our consciousness of disaster. I watched some videos made by Japan meteorological agency and they were not attractive. In order to increase our consciousness, we need to make a totally different approach. VR will show

1. the happening of earthquake
2. Many buildings are demolished — it will show how to protect their body
3. people get confused what to do — it will show you where the shelter is or evacuation route is.

2-3. Please explain why did you decide to pick up the idea?

Answer: As I mentioned about it before, people are never willing to take part in disaster drills because everywhere, we would see almost same content. -- Almost all people here participate in the event.

I have joined several disaster drills when I was a elementary school student, they were almost same and not enjoyable.

People especially children focus on enjoyment when they take action. Thus, I think such event should be meaningful and also exciting. We have to get knowledge enough to take correct action for ~~set~~ our survival.

In summary, there are enough disaster drills in Japan, however citizens hesitate to participate such event because, I guess, they have joined the event ever or the event is so monotone that they don't want to join that.

3. Proposal Plan

3-1. Please explain about your proposal in detail.

Answer : Disaster drills using VR would be attractive .

When disaster prevention , participants would receive VR device one by one . They would mount it around their head and they would see Virtual Reality which shows ordinary living . And , suddenly the big catastrophe would occur . Since that device is really vivid , people would feel overwhelmed .

3-2. Please explain about how to play or how to do of your proposal.

Answer: An event for a lot of people.

1. Plan to hold disaster drill

2. prepare VR devices

3. If possible, prepare earthquake simulator at the same time

4. People gather

5. People put it around their head.

6. People to watch vivid video through VR device

7. People would use earthquake simulator while watching VR movie.
they can associate its vibration with movie.

3-3. Please explain about the point you thought and worked out.

Answer: My proposal can provide people high quality disaster drills
The combination between Super reality by VR and direct impact
by earthquake simulator would enable us to understand
disaster deeply because of its reality. I e-mailed to
白山工業 to know about 地震サートン.

3-4. Is there any similar services? (Only the title and website)

Answer: Probably no.

3-5. Please calculate the cost for your proposal.

Answer:

VR device "Google Cardboard" ¥599

earthquake simulator "Jishin Zabuter" ¥380 thousands
