*Questionnaire Attachment*

**RESEARCH QUESTIONNAIRE**

**DISASTER RISK REDUCTION IN SCHOOLS: THE RELATIONSHIP OF KNOWLEDGE AND ATTITUDES TOWARDS PREPAREDNESS ELEMENTARY SCHOOL STUDENTS**

**IN THE SCHOOL-BASED DISASTER PREPAREDNESS**

**IN THE MENTAWAI ISLANDS INDONESIA**

Number of Respondents : ........................

Date of Completion : ........................

1. **IDENTITY OF RESPONDENT**
2. Age : .................... Years
3. Gender : Male Female
4. Grade : 4 Elementary School/SD 5 Elementary School/SD
5. Simulated training experience tsunami

Never

Never one time

More than 1 time

1. **KNOWLEDGE OF TSUNAMI**

Charging instructions:

1. Choose one answer that is most appropriate in the opinion or understanding of younger siblings about the questions and statements below, by providing a *checklist*/tick(√)the answer by brother-sister really
2. Read carefully before giving an answer
3. Please answer honestly without influence Additional
4. Information stands
5. Remarks abbreviation

 **P3K**: (First Aid)

|  |  |  |
| --- | --- | --- |
| **No** | **Questions** | **Score**  |
| 1 | According to younger brother, what is a tsunami?1. Tsunamis are a series of giant sea waves that arise because of the shift of towing by the earthquake
2. Tsunami is a wave of the sea when the tide and bad weather
3. Sea water recedes suddenly
 |  |
| 2 | What can cause a tsunami?1. Flash floods
2. Tectonic earthquakes landslides
3. Tornado
 |  |
| 3 | Does every event of an earthquake would cause a tsunami?1. Yes
2. No, do
3. Not know
 |  |
| 4 | What the signs before the tsunami?1. A rumble
2. Receding sea surface
3. High sea waves at 2 meters
 |  |
| 5 | According to a younger sister, what impact caused by the tsunami?1. Locations affected by the tsunami into fertile
2. ocean water becoming contaminated
3. casualties and damage to all facilities
 |  |
| 6 | If there are warnings of the tsunami disaster during the process of learning, where the most appropriate place to evacuate?1. Higher spot (Shelter)
2. Remain in the classroom
3. Under the table
 |  |
| 7 | As to whether the high-risk areas against the threat of a tsunami?1. Close to the lake
2. The area near the sea/beach
3. 20 km from the sea
 |  |
| 8 | When there is a tsunami warning and it is advisable to save themselves, what equipment should bring younger sister?1. P3K box, food, and drinks if possible
2. Pet Goods
3. Textbooks
 |  |
| 9 | Are the benefits of a tsunami warning system?1. To determine where to evacuate
2. As a sign that a tsunami and immediately evacuate to high ground
3. To know a tsunami, but no need to evacuate
 |  |
| 10 | According to a younger sister, what is the purpose of the tsunami disaster preparedness implemented in schools?1. Add knowledge about disasters and improve preparedness in the face of the tsunami disaster
2. To reduce the impact caused by the tsunami
3. As additional lessons of school

**Source:** Modified;Amri, A. (2015), Tuladhar, G, *et al* (2014), Ocal, A, *et al* (2011), LIPI/UNISDR (2006) |  |
| **Total Score** |  |

1. **ATTITUDE OF TSUNAMI RELATED**

Charging Instructions:

1. Pick one of the most appropriate answers in the opinion or understanding of younger siblings about the questions and statements below, by providing a *checklist*/tick(√)the answer that you think younger sister true
2. Read carefully before giving an answer
3. Please answer honestly without the influence of others
4. Specification choice answers

**A :** Agree on **D :** Disagree

**LA :** Less Agree **SD :** Strongly Disagree

1. Remarks abbreviation

 **P3K:** (First Aid)

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Statement** | **Options Answer** | **Score** |
| **A** | **LA** | **D** | **SD** |
| 1 | Does not need to make efforts for preparedness in the face of the tsunami disaster, because there's Disaster Management Agency (BPBD) will handle (-) |  |  |  |  |  |
| 2 | Each student should already have a P3K box and bring food and drinks at any time in case of a tsunami (+) |  |  |  |  |  |
| 3 | Training and simulation for the tsunami disaster I need to be done periodically because not enough with lessons given by teachers in the classroom (+) |  |  |  |  |  |
| 4 | If the warning system for the tsunami disaster was announced, it must remain calm, do not panic and follow the direction of the principal or teacher (+) |  |  |  |  |  |
| 5 | If there is a tsunami warning, then students had to run down to the waterfront to see the shrinkage of sea level (-) |  |  |  |  |  |
| 6 | To prevent the risk of tsunami disaster can be reduced, it must maintain all the infrastructure of the schools, particularly related infrastructure for disaster preparedness (+) |  |  |  |  |  |
| 7 | Before any further orders from the school to save themselves, then remain on rallying point (+) |  |  |  |  |  |
| 8 | There are at least 1 or 2 students who are trained in disaster risk reduction tsunami, such as being able to provide first aid dam capable of calming her friends during a disaster (+) |  |  |  |  |  |
| 9 | Following all the simulation and training disaster are held school or others (+) |  |  |  |  |  |
| 10 | Motivating (encouraged) to students others to improve preparedness by following disaster-related training or simulation (+)**Source:** Modified;Amri, A. (2015), Tuladhar, G, *et al* (2014), Ocal, A, *et al* (2011), LIPI/UNISDR (2006) |  |  |  |  |  |
| **Total Score:** |  |

1. **PREPAREDNESS IN TSUNAMI DISASTER REDUCTION**

Charging Instructions:

1. Pick one of the most appropriate answers the opinion or understanding of younger siblings about the questions and statements below, by providing a *checklist*/tick (√) in the column that is already available
2. Read carefully before giving an answer
3. Please answer honestly without the influence of others
4. Specification choice answers

**Y :** Yes

**N :** No

1. Remarks abbreviation

 **P3K:** (First Aid)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No** | **Questions** | **Y** | **N** | **Score** |
| 1 | Is the younger brother has a disaster contingency plans of the school, such as where to flee or to save themselves in case of a tsunami? |  |  |  |
| 2 | Is the younger brother had emergency response equipment when the tsunami as a P3K box, food, and drinks brought from home? |  |  |  |
| 3 | Is the younger sister school is a tsunami risk area when the tsunami? |  |  |  |
| 4 | Is the younger brother involved in the simulation and training held school? |  |  |  |
| 5 | Is the younger brother will evacuate to shelters (safe place tsunami) or to higher ground when the tsunami? |  |  |  |
| 6 | Is the younger brother had a tsunami hazard zone maps and evacuation maps to public places such as mosques, churches, and others in the event of the tsunami? |  |  |  |
| 7 | Is the younger brother will follow the procedures of the school remain where to evacuate in case of the tsunami? |  |  |  |
| 8 | Is the younger brother to receive training on a regular basis the tsunami disaster? |  |  |  |
| 9 | Is the younger brother has a book or a module of the tsunami? |  |  |  |
| 10 | Whether the information or knowledge about the tsunami propagated to the closest friends and family?**Source:** Modified; CDE (2011) Ocal, A, *et al* (2011), LIPI / UNISDR (2006) |  |  |  |
| **Total Score:** |  |