

Disaster prevention starts at school



MANUAL

FOR TRAINING ON NATURAL DISASTER PREVENTION IN THE PRIMARY SCHOOLS

DWF
Thua Thien Hue
October 2009





DỰ ÁN PHÒNG CHỐNG NHỮNG THIẾT HẠI VỀ NHÀ Ở DO BÃO GÂY RA Ở MIỀN TRUNG VIỆT NAM
PRÉVENTION DES DOMMAGES CAUSÉS À L'HABITAT PAR LES CYCLONES, CENTRE VIET NAM
PREVENT TYPHOON DAMAGE TO HOUSING, CENTRAL VIET NAM



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DWF, Thua Thien Hue – October 2009

Foreword

Dear teachers,

DWF Project “Preventing typhoon damage to housing” has been launched since 2000 in Thua Thien Hue province.

In the same time with providing support to people with the activities of public building construction, housing reinforcement, Project has attached much importance to raise awareness on natural disaster prevention in community. For that reason, during implementing period, Project has carried out the training for primary school pupil 4th and 5th graders on knowledge of through playing with message various activities in partner communes. Theses have attracted participatory of a mass of pupils and have attained satisfactory achievement.

Base on attained results, Project expects to extend these activities to the difference localities whose available condition to implement. This manual has been compiled for you to reference during conducting training for pupils.

Reference materials:

- Introduce Disaster prevention to school pupils (VNRC)
- Analyze planning for controlling and children-base disaster preventing (Save the children)
- There are still many shortcomings in this manual. In the hope of getting your feedback to perfect this manual.

Please contact DWF Office - 91/44A Phan Dinh Phung – Hue for any comment.

Your truly,

Pham Thi Thu Thuy / DWF

LESSON 1 /IMPACT OF NATURAL DISASTER TO CHILDREN’S RIGHTS

I. Objective:

- Knowledge: Provide general knowledge on 4 children’s rights categories of Convention on the rights of children and the negative impacts of natural disaster to children’s rights.

- Skill: Aware and promote the rights of children in to Natural disaster prevention,

- Freely speak, actively participate in the activities, have responsibility for self, friends and family.

II. Preparation:

- A0 paper, the pictures of flood, typhoon.

- Paper with message of play “who is the quickest and correct”

III. The main activities:

Action of teachers	Action of pupils
<p><u>Action 1</u></p> <ul style="list-style-type: none"> - Starting - Grouping - Sharing out the A0 papaer. - Players write down on paper the rights of children that they know <p>Teachers answer: There are 4 children’s rights categories.</p> <ul style="list-style-type: none"> -Right to be provisioned -Right to be protectioned -Right to participate -Right of developemnt <p><u>Activity 2:</u> Learn about the natural disaters in Thua Thien Hue.</p> <ul style="list-style-type: none"> - Pupils tell the natural disaters that they know - Shorthand their comments on table. - What are the regular natural disaters in your locality ? - Answer: Typhoon and flood are regular natureal disaters in central region. - Explain more: in central region, typhoons and floods occuring oftenly in August, September, October and November yearly caused serios damage to house and property. - Show pupils the pictures of typhoons and flood etc. 	<ul style="list-style-type: none"> - Team singing: - Grouping by 4 groups, select group leader, and secretary. - Debate - Write down on papaer - The group leaders present their preparations - Classmate debate. - Classmate comment - Classmate comment - Play game

<p>Action 3: Natural disaster impact on the rights of children.</p> <ul style="list-style-type: none"> - The play: “who is the quickest and corrects” <p>Rule: Teacher show the second table with message of impact of natural diasater to children (the messages are disorderly writed in colum A)</p> <ul style="list-style-type: none"> - Provide players with A0 papers lined 4 colums for writing down 4 children’s rights categories. - Players have to put the contents in second table in right colum of each children’s rights categories. <p>Rule: the group that quickly and fully write down the contents will be the winner.</p> <p>E.g:- <u>Right to be provisioned:</u></p> <p>A (Have no shelter, self have acident, have not been provided with health care, food and sanitary drink water)</p> <p>- <u>Right to be protected:</u></p> <p>A(-Due to poverty, children have to hire their labor so they are in risk of being exploited and abused.</p> <ul style="list-style-type: none"> - To be worry, frightened and wounded due to loss of their relation etc.) <p>-Right of development:</p> <p>A (Drop out of school due to books and notebooks have been drifted away by flood and school has been damaged or due to poverty etc.)</p> <p>- <u>Right to participate:</u></p> <ul style="list-style-type: none"> -A (Low access the natural disaster information. - Their ideas have not been respected by the elder people etc.) <p>* Commend the winner groups.</p> <ul style="list-style-type: none"> - teacher summary: Should attache much importance to participation of children in to the rescue and natural disaster prevention activities as well as provide them with full information. Their participation help to improve carrying out the rights of children, especialy the right to be provisioned and the right to be protected aigaint natural disaster. 	<ul style="list-style-type: none"> - Debate - Presentation of group leader - Comments and give supplementary ideas.
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<p><u>Action 4: handle the situation</u> :</p> <p>- Play: "Dad, I....."</p> <p>Cast: Dad, Mum, Nam, Lan.</p> <p><u>Situation:</u></p> <p>- <i>It rain and wind outdoor. Flood comes, Dad and Mum are busy with arranging house .</i></p> <p>- <i>Lan said: Dad, I think we should reserve clearn water enough for using in 01 week!</i></p> <p>- <i>Nam said: Dad, I and Lan will arrange books and things. Allright Dad?</i></p> <p>- <i>What is the answer of the Dad for this situation?</i></p> <p>- <u>Conclusion:</u> Commend the group with good answer, logical explanation and relative practical.</p> <p>- Emphasise the right of participation.</p>	<p>- Discussion- Cast</p> <p>- The play groups</p> <p>- Representatives of the groups explain why did they their answers like that!</p> <p>- Classmates comment and choose the most logical answer.</p>
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LESSON 2 / TYPHOON, CYCLONE - DAMAGE AND CONTROL

I. Objective:

-Knowledge: Have general knowledge about the natural events: typhoon, whirlwind
The damages caused by typhoon and whirlwind

-Skills: Know what things should be done to diminish damage caused by typhoon, whirlwind.

-Behaviour: Know how to manage when a typhoon, whirlwind comes.

II. Preparation:

-The pictures of typhoon, whirlwind .

- Banners for play .

- A0 paper, brush.

- A piece of nylon.

III. main activities:

Activities of teachers	Activities of pupils
<p><u>Start:</u></p> <p>- Play of " typhoon comes, flood comes" Pupisl make a cycle, the chairs arranged in middle with the number less than players. The players siging while go around the chaires, when hering " typhoon comes, flood comes" each has to find a chair for hisself. Whohas no seat will be gradually ruled out finds no chair until remaining one player with one chair. That is the winner.</p>	<p>- Players start the play</p>
<p><u>Activity 1:</u> Learn about cyclone and whirlwind.</p> <p>Teacher: Explain to pupils</p> <p>- a cyclone refers to an area of closed, circular fluid motion rotating in the same direction as the Earth, forms due to an anticyclone. The wind speed close the eye of cyclone attains level 6th , level 7th (> 61km/h).</p> <p>- A whirlwind is a weather phenomenon in which a vortex of wind a vertically oriented rotating column of air, forms, due to instabilities and turbulence created by heating and flow (current) gradients. Whirlwinds can be seen all over the world and in any season. Whirlwind move in high speed in ground and in the see surpace and it can be seen because of the thing it take from the way the pass such</p>	<p>- Listen</p> <p>- See the pictures.</p> <p>- Play games</p>

<p>as (dust, sand, straw, garbage).</p> <ul style="list-style-type: none"> - Teacher shows the pictures of typhoon and whirlwind. <p><u>Action 2</u> : Damage caused by typhoon, whirlwind</p> <p><i>-The play "The quickest and the most"</i></p> <p><i>-Rule: separate player in two groups. Each group debate to find out the damage caused by typhoon and flood and write down on paper.</i></p> <p><u>-Rule:</u> The group who find down many damage in a shorted time will be the winner.</p> <ul style="list-style-type: none"> - Base on discussion results of two groups, <u>Teacher summary the damage of typhoon and whirlwind:</u> - The ships on the sea may be sunk. - Devastate or damage to houses and properties. - Kill or cause injured people. - Damage crops, plants, kill cattle, poultry. - Sea water run high caused flooding in coast area and salted the fields etc. -Heavy rain caused flood and landslide. <p><u>Action 3:</u> The things should be taken to diminish typhoon, whirlwind damage.</p> <ul style="list-style-type: none"> - Play <i>"Put things in the right place"</i> <p><i>Teacher prepare the banners with the message of thing should be taken before, during and after occurring of typhoon (put on the desk. The black table divided in three columns to write down (before, during and after occurring of typhoon)</i></p> <ul style="list-style-type: none"> - Rule: 20 players are made in two groups. At starting signal, each player of each group runs to take a banner and stick on the right column on the table. - Close the play – command the winner groups. - Teacher summary the things should be taken. <p><u>Before typhoon:</u></p> <ul style="list-style-type: none"> - Burning the big and dry branches of trees around the house, - Updating warning information on radio, television, 	<ul style="list-style-type: none"> - Listen the rule of play. - Listen. - Listen the rule of play. - Start playing - Listen and understand the thing should be done before, during and after coming of whirlwind.
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<ul style="list-style-type: none"> - Help parents reinforce house, - Reserve food and drink water in a safe place during rainy season, - Find a safe place in house to shelter in case of evacuation. <p><u>During cyclone occurring.</u></p> <ul style="list-style-type: none"> - Get out of cyclone's way and find a safe place to shelter, - In case of emergency, hide in nearest ditch or lying prone in ground. - Indoors, should shelter under stairs or bed etc, - Keep looking after the babies and always stay near their parents etc. <p><u>After typhoon, whirlwind:</u></p> <ul style="list-style-type: none"> - Continue updating warning information on mass media, - Remind the adults to check electricity lines for safety before using, - Check house, water source, cattle, poultry etc. <p><u>Action 4: Summary</u> <i>Play a game of "reinforce the house to control typhoon"</i> <u>Rule:</u> <i>4 players take 4 sides of a nylon piece (table-cover))</i> <i>- 24 players are made in two groups</i> <u>- Group 1:</u> Made a cycle around the 4 players (reinforce the house) <u>- Group 2:</u> Stand in 4 lines (whirlwind) <i>At starting signal, the players of group 2 (whirlwind), each three of players try to get into the cycle during 10 seconds. If one player of group 2 gets in successfully then one player of (reinforce house) has to get out.</i> <i>- During a time fixed (around 3-5 minutes) they could hold the nylon piece, the group 1 wins and inverse.</i> <ul style="list-style-type: none"> - Teachers emphasis: Reinforce the house before rainy season comes is one among the necessary things should be taken to diminish damage caused by typhoon. </p>	<p>- Listen the rule.</p> <p>- Start playing.</p>
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LESSON 3 / DAMAGE CAUSED BY FLOOD, FLOODING AND CONTROL SKILLS

I. Objectives:

- Knowledge: Have knowledge on concept of flood, flooding and damage.
- Skill: Know the things should be taken to protect oneself and family before, during and after flood occurring.
- Behavior: Pupils apply the lessons learned in to real situation in case occurring flood.

II/ Preparation:

- Pictures of flood,
- Banners, A0 papers, brushes
- Some balls, 2 basket

III. The main activities:

Action of teachers	Action of pupils
<p><u>Organization</u> :Pupils sing the song “Don’t go that way, it’s raining”</p> <p><u>Starting:</u> Play game of spell.</p> <p>The banner sticking with the words of : flood, damage, human, slash, river, costal</p> <p>Rule: Make players by two groups, each player of each group will spell the words with meaning.</p> <p>E.g: Flood, flash flood, damage.</p> <p>Rule: The winner will be the group who spell many words in short time.</p> <p>- Commend the winner by applause.</p> <p><u>Action 1:</u></p> <p><u>*Concept of flood, Flooding</u></p> <p>Teacher: Explain in brief, easy to remember the concept of flood and inundation.</p> <ul style="list-style-type: none"> • Flood: when the strength of the river is so high it flows out of the river channel, cause damage to homes and businesses along such rivers. • Flooding may result from the volume of water within a body of water, such as a river or lake which overflows, with the result that some of the water escapes its normal boundaries. Such escapes of water endanger land areas used by man like a village, city or other inhabited area. 	<p>- Sing the song</p> <p>- Listen the rule</p> <p>- Play game</p> <p>-Listen</p> <p>- See pictures</p>

- Show some pictures of damage and the historical floods on the worldwide and the pictures of flood in 1999 in Thua Thien Hue province.

Action 2: Damage caused by flood

Discuss by groups in linking to real cases and write down the damages ranges (real cases of family, in localities etc.)

Praise the good groups.

Summary: Damaging effect of flood:

- May kill and injured people,
- Destroy houses, cause damage to property...
- Cause bad effect to livelihood because it laid the crops, kills cattle, poultry leading to short of food and foodstuff.
- Make loss of cultivated lands
- Make pollution of water source, may cause epidemic arises.

Action 3: Thing should be taken to diminish damage caused by flooding.

- Play game “transport foods”

Rule: Grouping players into two groups, three players of each group will pass the balls in to basket during 2 minutes.

-Rule: The winner is the group with more balls.

Teachers praise pupils and the winner.

Summary:

The things should be taken:

Before flood comes:

- Regularly updating the flooding situation on Radio, Television
- Protect the property and important papers.
- Reserve drink water for using at least in 01 week.
- Reinforce house for better resistance to flood.

During flooding:

- Cut off the power supplies for safety during flooding.
- Evacuate to high and safe place,
- Do not wade through water if seeing

- Group discussion; write down discussion results on paper.
- Stick the discussion results on table.
- Presentation.

- Comments of other groups, supplement.

- Play the game

- Following demand of teachers.

<p>electricity line or electricity pole fall down on water as well as do not touch any power points.</p> <ul style="list-style-type: none"> - Do not move in inundated areas. - Wear the life jacket when go across the flooded areas. <p><u>After flooding</u></p> <ul style="list-style-type: none"> - Do environmental sanitation. - Use safety and sanitary food and drink water. - Check power and water before using. - Do not come near river area or the erosion areas at risk or deserted areas. <p><u>Action 4:</u> Emphasize</p> <p>Play the game “Three copies result in deviation from the original”</p> <p>Rule: Select 10 players and split into two groups, stand in 2 lines. Each group send a player go to see picture and then go back to tell the next one and next one and up to the last one who will go to table and write down the collected information.</p> <p>Rule: Who write down in correct 04 details of picture, his group will be the winner.</p> <ul style="list-style-type: none"> - Close the play and command the winners. 	<ul style="list-style-type: none"> - Pupils participate. - Listen the rule of play. - Play the game.
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I. Objectives:

- * Knowledge: Revise
 - Children's rights
 - The damage caused by cyclone, whirlwind and flood.
- * Skills: Revise the things should be taken do diminish damage caused by typhoon, whirlwind and flood.
 - Behaviors: Pupils apply the lessons learned in to real situation in case typhoon, whirlwind and flood occurring.

- Second table using for activity 01,
- Make copy the tests.

Action of teachers	Action of pupils
<p><u>Action 1: Revise the rights of children.</u></p> <p><i>Play “ crossword puzzle”</i></p> <p><i>Split the class into two groups, players of each group one after the other guess the word in crossword puzzle- 10 marks for 1 word.</i></p> <p><i>- The crossword puzzle with 5 letters mean the under 18 years old (teenage) (Tre em)</i></p> <p><i>- The crossword puzzle with 12 letters means the right that children have fewer occasions to manifest.</i></p> <p>Teacher summary the children’s rights categories and remind pupils to promote the right to participation because this right help children improve achieve the children’s rights, especially, the rights of provision and protection against natural disaster.</p>	<p>- Play game.</p>
<p><u>Action 2: Post-test.</u></p> <p><u>I. Test:</u></p> <p><i>Cross the in the box of the correct phases.</i></p> <p>Before flood comes, planning to poverty protection and books by using a nylon bags to keep them and put on a higher a safe places.</p> <p>Reserve food and drink for family using at least 02 days.</p> <p>Children can mo, swim, ride bicycle, play, and catch fish in the flooding areas.</p> <p>After flooding, children not need to</p>	<p>- Do the test</p>

<p>participate in the environmental sanitation activities in area because that is the duty of elder people.</p> <p>Planting wind resistant trees around house for erosion control and protect the house from storm.</p> <p>Before cyclone and flooding, planning to the evacuation places, just evacuating people when it's necessary.</p> <p>Help parents to reinforce house to resistant cyclone.</p> <p>After typhoon and flood occurring, we not need to update the weather forecast on radio and television anymore.</p> <p><u>II. Composition:</u></p> <p>Write 1-2 slogans on animation and people's raising awareness on natural disaster prevention.</p> <p><u>Action 3: Summary</u></p> <p>Play game "overcome difficulties caused by natural disaster". Two groups of class compete to change word of the songs. The group who changes many sings and good word will be the winner.</p> <p>E.g:</p> <p>Cross the river (dô ta) just ignore cross the river (dô ta) but in a swift –flowing river, do not venture (dô tà là hò dô ta)...</p> <p>Commend the winner.</p>	<p>- Learn rule of the game</p> <p>- Play game</p>
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Play: Children talent, good fortune family

Written by: *Nguyen Thi Kim Lien*
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Scene 1: Two neighborhoods Mr. An and Mr. Ba are chatting

- Mr. Ba:** Is there anyone home!
- Mr. An:** Hi, Mr. Ba for a long time! Come home please! Do you come just only to see me?
- Mr. Ba:** I heard that you want to build a new house?
- Mr. An:** Yes. I just sold a plot of land and I intend to build a strong house for my children in the future. I worked very hard in my life and left nothing to my children but only a house!
- Mr. Ba:** You talk as you are near to death! Have you select the model already?
- Mr. An:** Do you know Mr Lan who lives ahead of our hamlet? He is a poverty households, but with some million support from DW, so he has built a house not big but very strong. It was undamaged after the last cyclones! I would like to do the house of my exactly the same!
- Mr. Ba :** It's so funny! Why do you want to build your house just the same that model, while you receive no support from that project? It's because of has not much money so he has to built his house following that model, but you, you have more money, you could make a bigger, more beautiful house and it could surely stronger.
- Mr. An:** No, I don't think so! It's not likely that bigger is stronger. Short of stature but stand in right position, he could parry all heavy blow even thought!
- Mr. Ba:** You talk about house building but like to discuss the kung fu!
- Mr. An:** I still wonder what model is stronger; I intend to ask DW to provide me with technical guiding.
- Mr. Ba:** There's no lack of nice house model, you just ask them for design so you can have any model as you want! I think, you better make a nice

house, not need to be very strong and when you life is end your child may like other model so he would rebuild it.

Mr. An: I would like to build a bigger one than that of Mr. Lan but with the ridge beam and brace system on the roof.

Mr. Ba You're backward, due to short of money, they have to add the brace system for being stronger, but you have enough money, so that you should put more cement for more safety!

Mr. An: So would you build the house for me? Wouldn't you? I'm not skill on building technique. You're mason, you built house for many people, so you must know how to build a nice and strong house, and you just build for me the same like that, it's will be all right!

Mr. Ba: It's going to rain! I must back home. Ok! When you have enough money, I'll come to build house for you. Good bye!

Scene 2:	<i>In the evening, in Mr. An house: Mr. An is reading the newspaper, his daughter is learning, Mrs. Hoa (wife of Mr. An) goes to find some wash-tubs to catch the rain water comes from the roof.</i>
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Mr. An: It's heavy rain! The house could be dilapidated!

Mrs. Hoa: It's dilapidated here and there and every where. Oh dear, house is seriously downgraded, depilated every where. You must look for a mason for building house. The buyer of plot of land will pay us in few days then we would make house immediately! Living in this condition is very hard!

Mr. An: Yes, I asked Mr. Ba already. I just told him this evening. He has agreed also!

Mrs. Hoa: Why did you ask him? As I know, he build house by using the simple technique. Presently, there's Mr. Binh in nearby hamlet, he's still young but he has been participated in technical training courses and has constructed many houses following technique of DW, I don't know clearly about that project but the technique of houses building is very good.

Little Vy: That is project of "Preventing typhoon damage to housing", Mum! My school implemented also the animation activities for that project, Mum!

Mrs. Hoa: Is that so! Is your school being constructed, that right?

Little Vy: No, but we have conducted many activities to aware people on typhoon prevention. We have trained on "improve participatory of children in natural disaster prevention, competition of painting on

topic of typhoon prevention, animation people on natural disaster prevention etc. There were many jolly and useful activities, Mum!

Mrs. Hoa: Uh, since I saw Mr. Tay (foreigner) from DW came to see our commune and provided support to the poverty households in commune to build preventing typhoon houses, our village seem to be more prosper. Some years ago, each time of typhoon coming, the poor households with temporary houses have been all damaged. So we had to help them to rebuild house as well as supported them with cloths, beddings and food! Last years, our villagers are getting better.

Little Vy: Dad, it better you go to ask the technique of building typhoon preventive house to build a strong house for us, O.K, Dad!

Ms. An: You're still a child, and you both are women, but why do you want to discuss about house construction technique! That is responsibility of men but not women! I decided to trust Mr. Ba. He is old but has lots of experience. You both are waiting for staying in a big house soon!

Mrs. Hoa: I don't want to have controversy with you, but building a house is a great work of the life. It would be very hard if would have some change, so you should thoroughly consider before doing!

Mr. An: I have decided already, I trusted Mr. Ba. If you have reason, go to stay in communal house in the village! It's so trouble!

Mrs. Hoa: Just ignore him! Let's go to bed!

Little Vy: Yes!

Finally, the house construction has been finished. Mr. An's house has been constructed by traditional model. That is three apartments, big and nice house. Whole family was very happy when they moved to stay in new house. Several months later, rainy season comes, the 5th hurricane landed to province.

Scene 3: Whole Mr. An's family was at home, they are listening attentively the hurricane warning on local radio:

" Allô, allô, Thuy Xuan commune radio is speaking: the 5th hurricane is landing to our province gust of wind up to level 8,9. All residents should reinforce your houses for resistance to hurricane! Allo, allo!

Mrs. Hoa: I heard that this hurricane is very strong. I wonder our house is strong enough or not, but I sense a little worry!

Mr. An: Don't speak of ill omen! We have a big house, the new construction is obviously must be stronger than the old one! We used to be hard for long time, but now we have a new house already. You see, before house was dilapidated every where that we even had no place to sit

in house. Now, have no reason to worry about even strong wind and heavy rain comes!

Little Vy: Dad! Do you know, for more safety, I think you should plant trees around the house for wind resistance!

Mr. An: Uh! Yes, I'll do so!

Little Vy: Mum! Did you buy food enough for using in one week or not?

Mrs. Hoa: What's the use of reservation food for one week? I bought enough for 2 days only. Hurricane usually passes in one night and one day only.

Little Vy: Don't think like that, hurricane is very complicated. Wind could gust after passing. Don't be subjective. Furthermore, after storm, trees have been collapsed, house damaged, electricity poles felt in, road is difficult to access will make impede to transport food effected area. And did you reserve water?

Mrs. Hoa: For what? This modem like, the running water is always available!

Little Vy: Hurricane comes always with heavy rain, sometime cause flooding, so we should reserve water for using!

Mrs. Hoa: Recently, you talk like an adult, sound "old fellow"!

Little Vy: My mum! I have taken the nylon bag to keep books; you should also put the important paper on a safe place!

Mrs. Hoa: Yes, all right! I'm so busy that I forgot it; I'll do it right now!

Mrs. An: Both mother and daughter talk about typhoon prevention as preparing for war!

Hearing the loud noise on the gable, she goes to see and sound:

Mrs. Hoa: Oh my dear, I heard loud sound on gable, the roof lifting off. Oh dear, how unhappy I'm. Will you go to check again?

Mr. An: It's impossible, this new roof. Any ways, bring me a wire, I'll tie it, or it'll fly away. If one sheet can have been tore, wind could come through and the whole roof will be lifted of.....! She come back with a coil of wire, Mr. An tie the iron sheet to rafter and try to pull it down while wind pull up. In fear of Mr. An will be moved away with iron sheet, Mrs. Hoa and her daughter cling on to his leg. Wind pull him up, Mrs. Hoa and her daughter pull him down. A little later, can not resist the wind, she sound:

Mrs. Hoa: My dear, stop! Let it fly away, let's go and hide under the table until windless and let's try to get Mr. Lan house for safety!

Little Vy: Mum and Dad, I'm so afraid!

Mrs. Hoa: It can't be helped, it's our destination! Pray to God for my family get out of danger. Losing of the roof, that was an unfortunate thing for me. God bless me!

All Mr. An' family hides under the table. A little later, while wind temporary calm, the whole family evacuate to Mr. Lan house.

Scene 4: <i>At Mr. Lan house, all family sat warmly at home.</i>

Mrs. Hoa: Please, let us get in!

Mr. Lan's wife: Who is knocking at the door in rain and wind like this?

Mr. Lân: Mr. An house must have some problem; let me open the door to check!

Mr. Lan's wife: Oh dear! Why such an unfortunate event could happen? Your house is a new construction and it so nice! Anybody hurt?

Mrs. Hoa: Fortunately, nobody injured! Isn't enraging! At discussion for house construction, I asked my husband go to see the model of your house, but he didn't. He trusted Mr. Ba to build it. My house now has been unroofed. We're out of money now, so how we will able to recover it! Now do you want to continue to complain that if I discuss more, go to stay in commune house of village or not? My dear!

Mr. An: Stop complaining, I admitted my mistake. Later you go to commune to borrow loan, and I'll also go there to ask them technique on building typhoon preventing house and trust Mr. Binh to reproofing and reinforcing it. Alright, stretch out! It's better loss property than life.

Mrs. Hoa: If we have not pulled down you, you would have gone with property! In thinking that, having a new house, we'll very happy, but when typhoon occurring we have felled into debt. I don't know until when we'll be able to rebuild the house?

Mr. Lân: During waiting for reproofing your house, stay in my house. We have a small house but a widen heart.

Mr. Lan's wife: Loan! Go to take dry cloths for your friend!

Mrs. Hoa: Yes, mum.

Mr. Lân: Do you know! We used to be in the same situation as you're now. I thought that, a poor household as we're, thus we did not know until when we could have a safety house to resistant again rain and storm? Thank to DW project supported us with amount of money and provided guidance on technique of building typhoon preventing house. They mobilized also the Women Union to lend me money. Having this house is out of out expected. Recently, we feel secure even strong storm occurring. There're many house built by using this technique in our commune.

Mr. Lan's wife: Alright, stop talking. You all must be tired. Go to sleep for tomorrow arrange and prepare house!

Mrs. Hoa: Yes! Thank you, without you; we don't know where to go.

Mr. Lan's wife: Don't say that "neighbor should help each other during disaster"! We trust that, you'll rebuild your house in right technique for safety in rain and storm season.

Mrs. Hoa: Yes! Will you introduce the mason who builds your house with us?

Mr. Lan's wife: Alright, we'll recommend Mr. Binh to you. He is specialist of building house following the DW technique. It's good technique!

Let's go sleep for tomorrow arrange house!

Mr. Lan and his wife are in the garden; Mr. Binh (the mason) came and then Mr. An and his wife come. Mr. Binh presents them the technique through the model of house with 10 key principle of typhoon preventive as follows:

1. Choose the location carefully to avoid the full force of the wind,
2. Build a house with a simple shape to avoid negative pressure,
3. Build the roof at an angle of 30° to 45° to prevent from lifting roof.
4. Avoid wide roof overhangs; separate the veranda structure from the house
5. Make sure the foundations, walls; roof structure and roof covering are all firmly fixed together,
6. Reinforce the triangular bracing in the structure
7. make sure the roof covering is attached to the roof structure to prevent it from lifting,
8. Match opposing openings
9. Use doors and windows that can be closed
10. Plant tree around the house as wind breaks.

Cast

- Mr. An 42 year old
- Mr. Ba (Neighbor) 48 year old
- Mrs. Hoa (Mr. An's wife) 40 year old
- Vy (Mr An's daughter) 11 year old
- Mr. Lân (Neighbour) 46 year old
- Mr. Lan's wife 45 year old

Phòng ngừa thảm họa bắt đầu từ trường học

Disaster Prevention Starts at School

Project
ECHO/VNM/BUD/2008/02008,
funded by ECHO
"Give people a chance against
disasters, in Central Viet Nam
provinces"
August 2008 – October 2009

Dự án
ECHO/VNM/BUD/2008/02008 do
ECHO tài trợ
"Tạo điều kiện cho người dân
phòng chống thiên tai ở các tỉnh
Miền Trung Việt Nam"
Tháng 8/2008 – Tháng 10/2009

EUROPEAN COMMISSION



Humanitarian Aid

The European Commission's Humanitarian Aid department (ECHO) is one of the world's largest providers of financing for humanitarian aid operations.

Through its disaster preparedness programme (DIPECHO) it assists vulnerable people living in the main disaster-prone regions of the world in reducing the impact of natural disasters on their lives and livelihoods.

ỦY BAN CHÂU ÂU



VIỆN TRỢ NHÂN ĐẠO

Vụ Cứu trợ nhân đạo thuộc Ủy ban châu Âu (ECHO) là một trong những nhà tài trợ lớn nhất cho các hoạt động cứu trợ nhân đạo. Thông qua Chương trình chuẩn bị ứng phó với thảm họa (DIPECHO), ECHO hỗ trợ những người dễ bị tổn thương sống trong những khu vực hay bị ảnh hưởng bởi thiên tai nhằm giảm thiểu tác hại của thảm họa thiên nhiên tới cuộc sống và sinh kế của họ.