

**Class 5
EVS****When The Earth Shook!****A Discuss and Write**

1. Have you or anyone that you know ever faced such difficulty?

Ans. No, but I heard it on the television news.

2. Who all helped at such a time? Make a list.

Ans. Many people help at such times. Some examples are given below:

- (a) Neighbors help each other.
- (b) People from bigger cities come for help.
- (c) Local leaders
- (d) Political leaders
- (e) Various non-government organizations
- (f) Doctors and nurses from the nearby hospitals
- (g) Some shopkeepers

B Discuss

1. A lot of people from other places came to Jasma's village. Who were these people? In what ways would they have helped the villagers?

Ans. People from other places who came to Jasma's village included:

- i. Government agencies: These agencies provided food, medicines, and clothes to the villagers. They also helped rebuild the village school.
- ii. Voluntary groups: These groups helped put up tents for the villagers to stay in and provided other assistance.

- iii. Scientists: These scientists studied the area to learn more about earthquakes and how to prevent buildings from being damaged by them.
- iv. Engineers and architects: These professionals designed earthquake-resistant houses for the villagers.

2. People in Jasma's village rebuilt their houses with suggestions from the engineers. Will these houses be safer than before in case there is an earthquake again? Why?

Ans. People in Jasma's village rebuilt their houses with suggestions from the engineers. The engineers gave suggestions on how to build houses so that there would be the least damage in case of an earthquake. So, these houses would be safer in case there is an earthquake again.

3. Think, if there were an earthquake where you live, would your house be in danger? What kind of damage could take place?

Ans. Yes, if there is an earthquake where I live, my house would be in danger. The following damage could happen:

- i. The various household items, such as TV, radio, utensils, food, etc., could get destroyed.
- ii. If there were a very severe earthquake, even the people would get crushed under the fallen houses and die.

4. What will you do to save pet animals during a natural disaster?

Ans. I will prepare an emergency kit for my pet, which consists of medical needs, water, food, etc., along with the shelter.

C	Write
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1. Compare your house with that of Jasma. List in your notebook what materials were used in making both the houses.

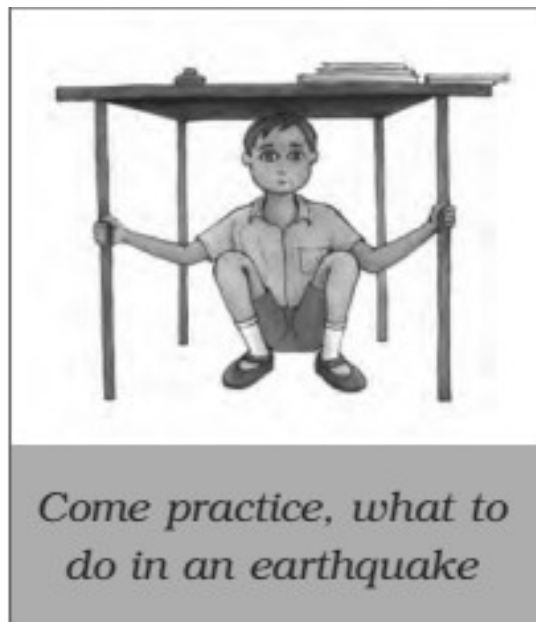
Ans.

Jasma's House	My house
1. It is made up of clay, cowdung, mirror, etc. 2. This is not very strong and can break due to heavy rain or a storm.	1. It is made up of different raw materials like cement, bricks, glass, and wood. 2. This is very strong and can withstand all adverse climate conditions.

D What will you do?

People from the groups also made children in Jasma's school practice what they should do in case there is an earthquake. This is what they said –

- If possible leave the house and go to open ground.
- If you cannot go out of the house, lie down under a strong thing like a table and hold on tightly so that it does not slip away. Wait until the shaking stops.



1. Have you been told in your school or anywhere else about what to do in case of an earthquake?

Ans. Yes, we were told in our school about what should be done in case of an earthquake. We were told to go out in an open place if possible or sit under a strong object like a table and hold it firmly.

2. Why do you think one should go under a table during an earthquake?

Ans. During an earthquake, the house or the building can collapse, and the bricks, etc., can fall on the people and injure them, even causing their deaths. Therefore, if we sit under a strong object like a table and hold it firmly.

E	Write
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1. According to the TV report, thousands of people were injured and some died in Gujarat. If the buildings had been made in a way that they would not fall in the earthquake, would the damage have been different? How?

Ans. Yes, if the buildings there had been made earthquake-proof, the damage would have been less. The people would not have died under the buildings, and the number of injured people would have also been lower. The loss of the various belongings of the people would also have been less.

2. At times like this, when people have lost their homes and all their belongings, what kind of help would they need?

Ans. At such times, people would need the following help:

- i. Tent or canvas to prepare huts
- ii. Clothes
- iii. Food, water, milk
- iv. Medicines and first aid treatment

3. In such situations whose help would be needed and for what? Write in your notebook as shown here.

Whose help will needed	How will they help
i. Dog	To smell out where people are lying trapped
ii. _____	
iii. _____	

Ans.

- i. Search and rescue team: to locate and rescue people who are trapped under rubble or in damaged buildings.
- ii. Doctor: To provide treatment to injured people.
- iii. Voluntary groups: to provide food and water to people who have lost their homes and belongings
- iv. Laborers: To help the people prepare their homes.
- v. Engineers and architects: to assess the damage to buildings and infrastructure and to design and oversee the reconstruction of homes and businesses
- vi. Psychological support: To provide counseling and support to people who have been traumatized by the earthquake.

E Discuss

1. Have you ever seen people in your area helping each other? When?

Ans. Yes, I have seen people in my area helping each other. There was a flood in my village, and everybody helped each other during the flood.

2. Why do people live together in a neighbourhood?

Ans. People live together in a neighborhood so that they can help each other during times of crisis. They also live together so that they can share their happiness with each other.

3. Imagine, living in a place where there were no other houses or people around. How would it be? For example, whom would you play with? With whom would you celebrate festivals and special days? Would you be scared?

Ans. It will definitely be a scary situation. I will have no one to play with. Festivals and special days would be boring if I had to celebrate them all alone.

F Your News Report

1. Make your own report which mentions the following:

- Cause of the disaster, date and time.
- What kind of damage did it cause—to lives, belongings, livelihoods?
- Which people came forward to help? Which government offices or other groups?

Ans.

Gangtok October 10, 2011

A massive earthquake rocked this tiny, hilly town late in the night. Many houses collapsed. There was a measured fire because of a short circuit and a gas leak. Since the last report, nine people have died and 30 have been injured. Many people have lost their homes and are at the mercy of relief agencies.

The army was called in to start the rescue operations. People from the Red Cross also came to provide help. Some national-level leaders came the very next day and announced a relief package for the place.

2. Have people in your area ever got affected by famine or drought? Find such reports of different countries from newspapers. Make your own report.

Ans. Odisha is hit by drought.

Thursday, July 2, 2010

After a year, Odisha has been hit by a severe drought again. More than 5,000 families living in the coastal area have been affected. Officials say the state has incurred a huge loss in its paddy crops, worth more than 500 crore. There is a scarcity of food and drinking water in the affected area. The people are dying due to starvation.

The State Minister said that the government had taken all the measures it could to ensure that food and drinking water were available to those affected. Various NGOs have also come to provide help and support to the people by providing food, water, milk, clothes, etc. to the affected people. A leading state environmentalist said the destruction of forest land and the lack of water conservation policies were two key factors responsible for the drought.

The government has announced that it will pay Rs. 25,000 to the affected family as compensation.

3. You may need some help from these in case of an accident or emergency. Find out and write their addresses and phone numbers. Add more names to this list.

Ans. If my house would have been all alone in a place, then

- i. There would have been no one to help us during any problem, calamity, or disaster like an earthquake, flood, fire, theft, major illness, etc.
- ii. There would be no one with whom I could play.
- iii. There would be no one with whom we could celebrate various festivals and special occasions.
- iv. I would have felt scared too.

G **Difficult Times**

1. Write a report with the help of the following words:

Floods, river water, injured people, food packets, rescue work, camps, dead bodies, dead animals floating in water, houses under water, aerial survey (to see the scene of disaster from a plane), sad people, diseases spread by dirty water, homeless people, trapped people.

Ans.

Guwahati, August 1, 2005

The flood situation in Assam has worsened with the deaths of about 500 people in the last three days. Due to the heavy monsoons, the river water level of the adjoining Brahmaputra River has further risen above the danger mark. The Regional Meteorological Center here warned of more rain and thundershowers.

Aerial surveys of the area were conducted to estimate the loss. The area has about 8,000 houses underwater and hundreds of dead bodies of people and animals floating in the water. The state government has opened 2500 temporary camps besides lodging the flood-hit, sad, and homeless people, trying their best to provide help and support to the trapped people. They have been provided with food packets, drinking water, milk, etc. Doctors are working voluntarily to provide free treatment to injured and ill people and also provide measures to prevent water-borne diseases.

The government has announced to pay Rs. 2 lakh to the family members of the deceased and Rs. 1 lakh to all flood-hit families as compensation.

H What We Have Learnt

1. What type of difficulties are faced by people during floods? Look at the picture, what kind of a school have the children come to after the flood? Write down what people had to do to make their life normal again after the flood.

Ans. The following difficulties are faced by people during floods:

- (a) Many people lose their near and dear ones.
- (b) Many people get injured.
- (c) There is a huge loss of property.
- (d) Crops and houses get destroyed.
- (e) A large number of cattle die.
- (f) There is an acute shortage of drinking water.
- (g) The road and rail networks are badly damaged.
- (h) Water-borne epidemics spread in the affected area.

After the flood, children are forced to study in a makeshift school.

- (a) People have to start from scratch to make their lives normal.
- (b) Cleaning the house and submerged goods is the first task after the flood water recedes.
- (c) Many people may have to start an entirely new occupation to earn money.
- (d) People have to rebuild their houses.
- (e) They have to arrange for safer drinking water.
- (f) The government has to restore the rail and road networks as quickly as possible.
- (g) Government has restore the rail and road network as quickly as possible.