

# ENVIRONMENTAL      STUDIES

**CLASS – 5**

**CHAPTER – 14**

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## **Discuss and Write**

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

**Ans.** Yes, my uncle lives in Sikkim and he had witnessed the earthquake last year.

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

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

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

## **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.** Many people came from cities to Jasma's village. Some of them may have been from non-government organisations. Some of them were scientists. Some of them may have been doctors and medical personnel.

They would have helped by bringing in the much needed relief. They brought food, clothes, medicines, etc. The scientists wanted to identify areas which were more prone to getting earthquakes. They also wanted to build houses which would not have been damaged in case of an earthquake.

### **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 to build houses so that there would be 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.** In case of an earthquake in my area, my house would definitely be in danger. The walls can develop cracks and in the worst case roofs can collapse. Household items like TV, fridge, etc. would also be damaged. There is a risk of fire also.

## **Write**

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

**Ans. Materials used in Jasma's House:** Clay, cowdung, mirror, etc.

**Materials used in my house:** Bricks, cement, iron, wood, etc.

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

**Ans.** Yes, there was a drill on what to do in case of an earthquake. We were told to go to an open area. If someone is unable to go to an open area then he was taught to hide under a table and hold it firmly.

### **3. Why do you think one should go under a table during an earthquake?**

**Ans.** In case of the collapse of house during an earthquake, the table can save a person from injury. Hence, one should go under a table during an earthquake.

## **Write**

### **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.** People do not die because of earthquake but they die or get injured because of house collapse. So, if the buildings are made earthquake proof then there will be least damage in case of an earthquake.

**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 following help:

- (a) Tent/canvas to prepare huts
- (b) Clothes, food, water, milk and medicines.

### **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 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 neighbourhood so that they can help each other during the 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 nobody to play with. Festivals and special days would be boring if I will have to celebrate them all alone.

### **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.** 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 huge loss of property.
- (d) Crops and houses get destroyed.
- (e) A large number of cattle dies.
- (f) There is acute shortage of drinking water.
- (g) Road and rail network is badly damaged.
- (h) Water borne epidemics spread in the affected area.

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

- People have to start from scratch to make their life normal.
- Cleaning the house and submerged goods is the first measure task after the flood water recedes.
- Many people may have to start an altogether new occupation to earn money.
- People have to rebuild their houses.
- They have to arrange for safer drinking water.
- Government has restore the rail and road network as quickly as possible.

