

CLASS: VIII

SUBJECT: SCIENCE

CHAPTER: 15. SOME NATURAL PHENOMENA

SUBTOPIC: EARTHQUAKES

EXPERIENTIAL LEARNING

ACTIVITY:

Aim: To enable the students to understand the effect of an earthquake.

Materials Required: Bowl, Plastic Scale/Duster, Table, Water.

Procedure:

- Students will be instructed to fill a bowl with water and place it on the table top.
- The table top will be struck mildly by them with a duster or plastic scale and the waves produced will be drawn by them in a note book.
- The side edges of the table top will be struck by them with a duster or plastic scale and the waves produced will be drawn by them again in a note book.
- The frequency of the striking will be increased and the students will be recording their observation.
- They will be asked to compare the effect of vibrations in all the three cases and this will be compared with the shaking of the ocean floor.
- Later, they will be explained about the cause of tsunami.

CURIOSITY QUESTION:

Did you ever watch the video footages of earthquake?

ANSWER GUIDE:

- Do you have experienced the shake of the earth at least once?
- What could be the effect of this disaster?
- Have you heard the geological department predicting the earthquake in news channels?