

What do we know about earthquakes?

Objectives:

- Understand the earthquake phenomenon
- Stimulate creativity

STEP BY STEP

Before starting

The teacher introduces the definition of earthquake found in the [glossary](#):

Earthquake: sudden ground shaking resulting from movements of the earth's crust.

Know the hazard

After giving the definition, the teacher shares with the class a **descriptive sheet** (see attachment "Do We Know Earthquake? - Description" below) to explain the elements that characterize an earthquake. The teacher can supplement the explanation by using the science book or showing one or more pictures to the class. Alternatively, the definitions in the [glossary](#) can be used or the National Institute of Geophysics and Volcanology - INGV website([link](#)) can be used to explore the topic and related words in more detail.

Earthquake words

To fix the key concepts related to earthquake risk, the teacher presents the following **game** to the class (see attachment "Do we know earthquake? - The words"

below). Cards can be printed out and drawn randomly by the players.

Rules of the game: Pupils are divided into pairs or teams consisting of the same number of players. In turn, each player must try to get his or her partner or team to guess a word related to earthquake risk but without using any of the specific words associated with the concept to be guessed. The teacher will check during each round that the player is not using the banned words.

To add a higher level of difficulty, you can make the game time-bound and players can keep track of earned points to see which pair or team manages to win the game.

Concluding thoughts

We now know what an earthquake is, but how do we behave in the event of an earthquake? The teacher can show the class this video through which to introduce the proper behaviors to be adopted at home and school in case of an earthquake. After watching the video, the teacher can give the class a copy of the **Correct Behaviors** to take in case of an earthquake (see attachment "Do we know the earthquake? Correct behaviors" below).

ATTACHMENTS



PDF

What do we know about earthquakes? - Description



PDF

What do we know about earthquakes? - Words



PDF

What do we know about earthquakes? - Correct Behaviours