

# Middle School STEM Activity

**Subject:** Engineering

**Topic:** Earthquake-Proof Structures

## ***Objective***

Students explore and understand earthquake-proof structures concepts.

## ***Learning Outcomes***

- Understand earthquake-proof structures
- Develop critical thinking
- Apply STEM knowledge
- Collaborate with peers

## ***Materials***

- Notebook
- Markers
- Chart paper
- STEM kit
- Internet

## ***Activity Steps***

1. Introduce earthquake-proof structures concept.
2. Show demonstration or video.
3. Students perform activity.
4. Record observations.
5. Discuss results.

## ***Observation/Notes***

Observation	Notes

## ***Discussion Questions***

- What is earthquake-proof structures?
- Why is it important?
- Where is it used?
- What did you learn?

## ***Extension Activity***

Design a mini project using earthquake-proof structures and present.

## Earthquake-Proof Structures Diagram

