**Earthquake Hazards Around You**

For this activity you will be accessing the features within a room that are potential hazards in the event of an earthquake. You should chose a room in which you spend a significant portion of your time. That could be your office, bedroom, work space, kitchen, garage… wherever you like.

1. Describe the type of room and where (city and state) it is located.
2. Read the [Guide and Checklist for Nonstructural Earthquake Hazards in California Schools](http://www.caloes.ca.gov/PlanningPreparednessSite/Documents/Nonstructural_EQ_Hazards_For_Schools_July2011.pdf) to learn about non-structural hazards commonly found in schools. The room you have chosen is likely not in a school, but the information applies to many locations such as offices, businesses and homes. Because of building codes, many buildings are structurally sound enough to withstand even moderate earthquakes. Non-structural items, however, may pose a significant threat of injury. Using the checklist on page 53 of the document, identify all potential hazards within the room. Add anything that you think may be dangerous that you do not see on the list.
3. Create a map of the room you have chosen and identify the locations of all of the hazards you have identified. You can do this in any method of your choosing. MS Paint, Photoshop, Illustrator, PowerPoint, Word, AutoCAD, hand-drawn and scanned or photographed...
   1. What are the three most dangerous hazards you have identified?
   2. What steps could you take to mitigate the hazard posed by each one?
   3. Where is the most dangerous location that you might be standing within the room?
4. Imagine that an earthquake occurs that affects the location you have chosen, during which you experience an intensity of V. Refer to the description of the [Modified Mercalli Intensity Scale](https://pubs.usgs.gov/gip/earthq4/severitygip.html) for this intensity. Describe when you realize that it is an earthquake, what happens during the earthquake, how the hazards you identified earlier fare during the earthquake, how you react, and the aftermath. Your description should be 400-500 words, grammatically correct, and accurately describe the intensity given. You will be graded based on the accuracy for the given intensity.