

## Mercalli Scale Illustrated Activity – Mercalli Scale Handout

| <b>Level</b> | <b>Earthquake Impact Description</b>  |
|--------------|---|
| <b>I</b>     | People cannot feel it, but it can be measured with a seismograph.           |
| <b>II</b>    | People lying down outside may feel it.                                      |
| <b>III</b>   | People indoors feel it. Parked cars rock.                                   |
| <b>IV</b>    | Pictures and lamps swing. Dishes rattle.                                    |
| <b>V</b>     | Windows and dishes break. People sleeping wake up.                          |
| <b>VI</b>    | Furniture moves. Chimneys crack.  |
| <b>VII</b>   | Poorly built homes are damaged. Church bells ring. Waves are seen on ponds. |
| <b>VIII</b>  | Many buildings are damaged. Furniture is overturned.                        |
| <b>IX</b>    | Most buildings are damaged. Underground pipes can break.                    |
| <b>X</b>     | Some bridges are destroyed. Railroad tracks bend. There are landslides.     |
| <b>XI</b>    | Very few buildings survive. Underground pipes are damaged.                  |
| <b>XII</b>   | Everything is destroyed.  |