

## Plate Tectonics and Hazards - Earthquakes

### Looking at the amount of slip

1. Place the brick back at the start position. This time, measure how far the brick moves each time it slips. Record your results in the table below by putting a tally (line) next to the right movement.
2. Continue until you have a good number of readings.
3. What do you notice about the relative frequency of large slippages?
4. Compare your tally chart with the graph below showing the frequency of different magnitudes of earthquakes.

Brick slippage (mm)	Tally
1 - 5mm	
6 - 10mm	
11 - 15mm	
16 - 20mm	
21 - 25mm	
26 - 30mm	
31 - 40mm	
41 - 50mm	
51mm +	

