

Materials you will need:

A selection of small objects ranging in size, density and material e.g paper clip, pen lid, grains of rice, sponge. Please check with an adult what object you can safely use for this activity.

You need at least two people to carry out this activity, but it can be done with more people, depending on the amount of people in your house.

Instructions:

- 1) Get everyone to sit in the same room together. One person should keep their eyes open, but everyone else must close their eyes (no peeking).
- 2) The person with their eyes open should drop one of the objects onto the floor. It is best to start with a large, or heavy, object.
- 3) Everyone else in the group should raise their hand when they hear the object hit the floor.
- 4) You can keep dropping objects, using smaller, or lighter, objects each time.
- 5) Can the other people guess what object has been dropped without looking?
- 6) Can you replicate the sound using your voice?