Fun with a pendulum
Suspend a hard ball about 8 cm in diameter on a cord over a table. The cord should be at least 1.5 m in length and should be just high enough off the table to hit the top of a target (bottle, pencil in a reel, tenpin) which has been placed in a cotton reel and rests on the table. Pull the pendulum and release it in such a way that it misses the pencil on the outward swing and knocks it over on the backward swing. You will find that it requires a great deal of practice to become skilful at this.

Pendulums trade off
You need two soda water bottles that are exactly the same size. Fill them with water and cork tightly. Place a rod across the back of two chairs. Suspend bottles as pendulums from the rod. Be sure that they are the same length. Hold one pendulum and start the other swinging; then release the first one to hang at its zero point. Soon the swinging pendulum will slow down, and the one that was quiet will take up the swing.