

Experiment 3: Shakers

For this experiment you will need:

- A selection of jars and containers, 2 minimum – 4 maximum (ideally 1 glass, 1 plastic) – go for a diverse variety
- A selection of fillings for jars, 2 minimum – 4 maximum (e.g. rice, beans, pulses, pasta, screws, shells etc) – go for a diverse variety



Step 1: Experiment filling the different jars/containers with ONE of your fillings. Shake the jar/container to produce a sound. Try to keep the same capacity/ratio for each jar/container i.e. $\frac{1}{2}$ full

Reflect: How would you describe what sound was produced? How does the material and size of the jar/container affect the sound?



Step 2: Repeat the process. This time, experiment by filling the different jars/containers with alternative fillings. Shake the jar/container to produce a sound.

(NB experiment with at least 2-6 new and contrasting combinations of jar and fillings. Try to keep the same capacity/ratio for each jar/container i.e. $\frac{1}{2}$ full)