

DO TRY THIS AT HOME

issue #70

Featuring: **Marvin and Milo**

What you need: • A teacup or mug
• A teaspoon • Good ears

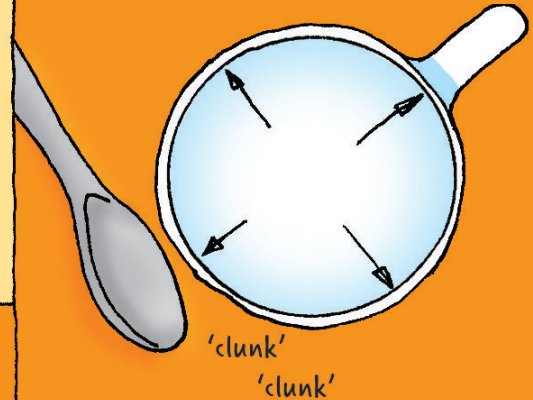
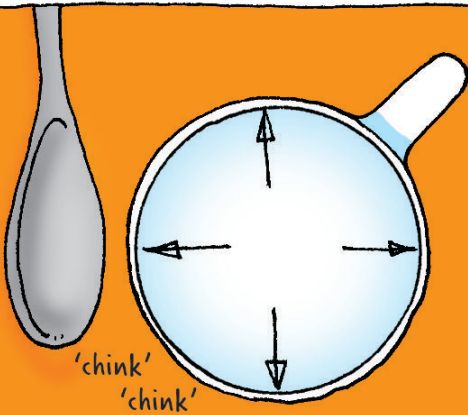
That's strange, did you hear that Milo?

If you tap the rim of the teacup by the handle, opposite the handle or at the two points half way round the rim, then you hear a low pitched sound.

But if you tap the rim of the teacup halfway between those points, you hear a sound that is higher in pitch.

Tapping the rim causes vibrations around the cup, but at the handle the movement is always at a minimum.

So tapping at the specific points on the rim sets up vibrations with different wavelengths and you hear notes of different pitches, or frequencies.



Vic Le Billon