



Super sounds



You will need:

- About 4 foot of string or wool
- Different sized spoons
- Ruler

1. First create a loop in the middle of the string/wool and insert the handle of the spoon.
2. Pull the string/wool tightly so the spoon hangs in the centre and you have two long pieces of approximately equal length.
3. Take each string and wrap them around your index finger on each hand.
4. Then place each finger against each ear. **Do not push the sting into your ear.**
5. Ask someone to **gently** tap the spoon with the ruler.

Does the size of the spoon change the sound?

If you hit the spoon slightly harder does it make the sound louder?

Does the length of the string/wool affect the sound?

Why do you think you can hear the sound from the spoon in your ears?



1. Fill up each jar or glass with different amounts of water.
2. Gently tap the side of the glass or jar with a spoon.

You will need:

- 4 empty and clean jars or glasses
- Water
- A spoon

Which jar makes the highest or lowest pitch?

Can you put the jars in order from the highest pitch to the lowest pitch?

What is the highest pitch you can make?

What is the lowest pitch you can make?

Can you create a tune with your jars?