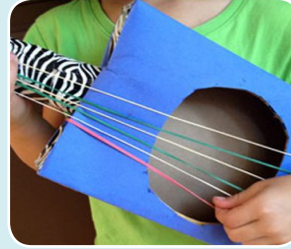


Today, we're going on a musical adventure. Grab your friends and join our band!

It's ok if you don't play guitar or piano, this band is extra special because we'll make our own instruments...



Can you design a brand new musical instrument for the band?

For everyone
but some may need help from a parent

MY INSTRUMENT



Materials needed	Quantity

We now need to write a set of instructions that will allow someone else to build your instrument at home too.

You'll need to apply your measurement knowledge to complete this challenge.

Your instructions must include as much detail as possible so that another person can accurately replicate your design.

For everyone
but some may need help from a parent

Think about

- Lengths and heights [e.g. long/short, longer/shorter, tall/short, double/half]
- Mass/weight [for example, heavy/light, heavier than, lighter than]
- Capacity and volume (e.g. full/empty, more than, less than, half, half full)

Up for a challenge?

Try...

- Measuring and comparing: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)
- Perimeter and area



Share your creation with us!

- On Explore Learning's Facebook page /explorellearning
- On Twitter using #mathsaward @exploretutors