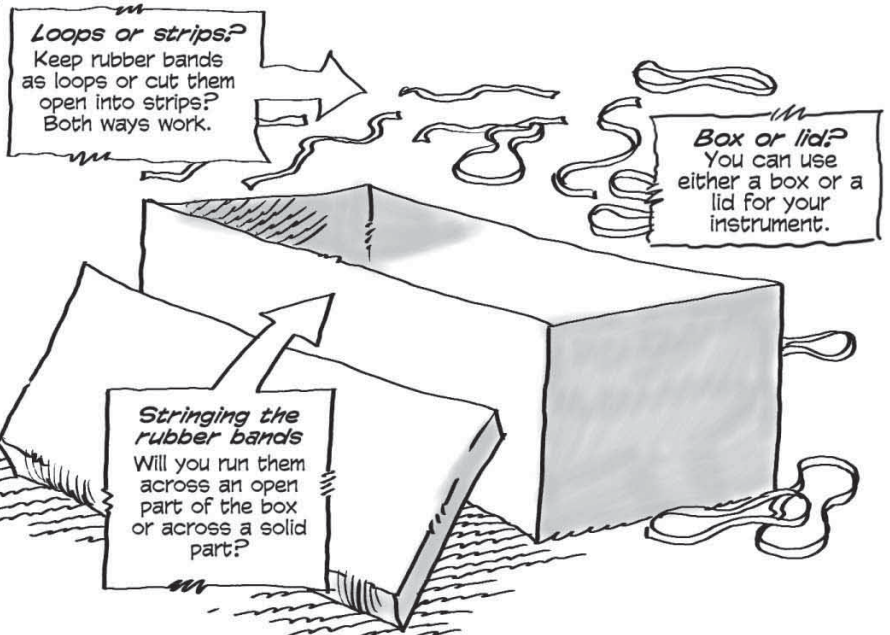
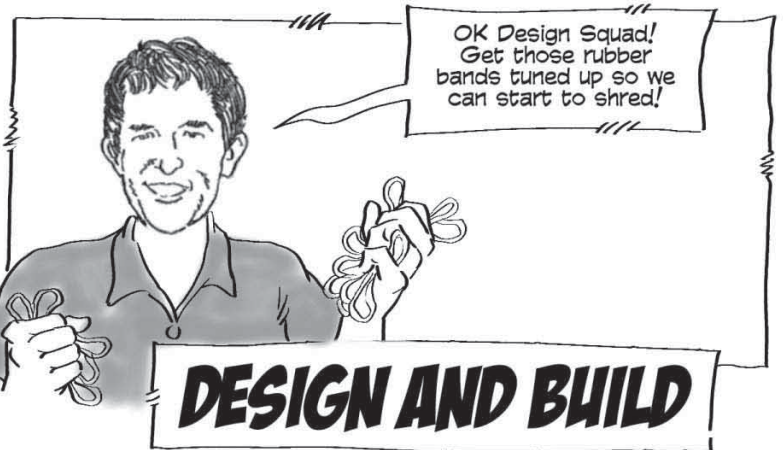
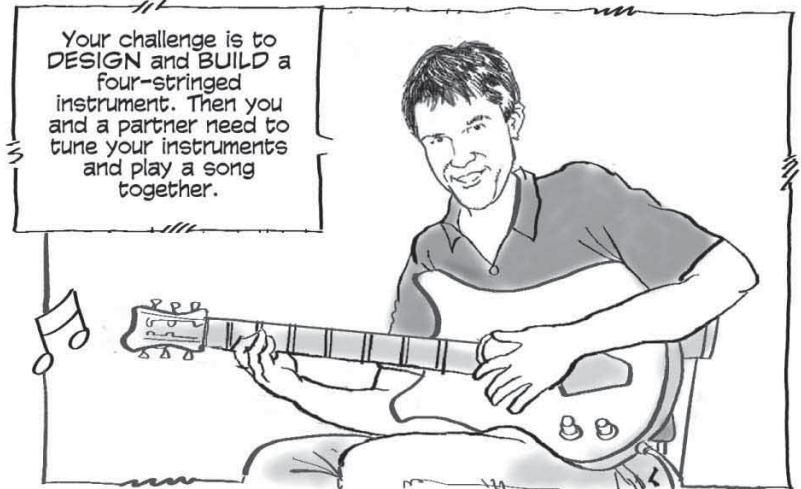


BUILD A BAND



as built on TV
pbs.org/designsquad



DESIGN AND BUILD

Attach your strings

- Wrap one end over a box edge and tape it. This way it pulls on the box, not just on the tape.
- Stretch the other end to where you want it, and tape it.

Find 4 pitches you like

- Low pitch = Long, thick, or loose strings
- High pitch = Short, thin, or tight strings

Tip: Taping down rubber bands
Put tape over the end of a rubber band. Then run your fingernail along the rubber band to firmly connect the tape and rubber band.

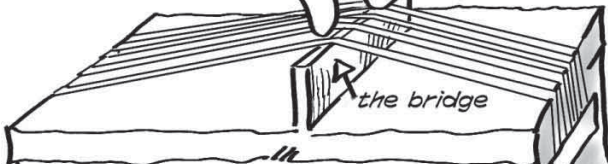
TEST AND REDESIGN

Tip: Get extra notes

Press fingers along a string or pinch it. That changes its length. Mark the notes you like.

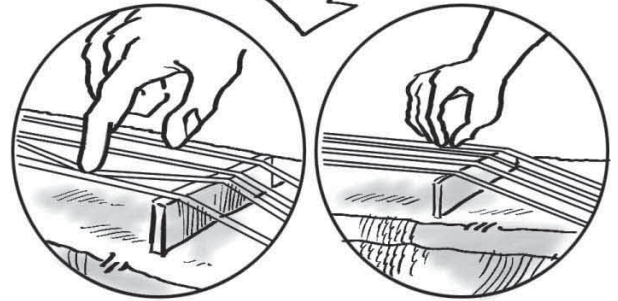
Free to move

How can you keep strings away from things that will stop them from vibrating, like the solid part of the box?



More vibrations = louder!

Get the string's vibrations to go cleanly from the strings to the box material. Too much tape, loose parts, or a bulky bridge will reduce the vibrations.



Music is important to almost everyone, so there will always be a demand for musicians, not to mention the instruments and sound equipment they need! Rock on!

SHARE

Find a partner, tune both instruments, and play a song.



PBS. Watch DESIGN SQUAD on PBS or online at pbs.org/designsquad.

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