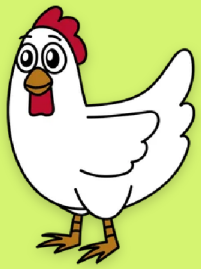
SCIENCE · SOUND · GRADES 2–4

Rubber Band Guitar

An experiment: stretch rubber bands around a box and find out what changes the pitch.



Name: _____ **Date:** _____

You need: an empty tissue box or shoebox and four rubber bands, some thick and some thin. Stretch them around the box and pluck them.

My hypothesis: the ___ rubber band will make the highest sound. _____

Rubber band	Thick or thin?	Tight or loose?	High or low sound?
1			
2			
3			
4			

Conclusion: what makes a rubber band sound higher? What happens if you pinch the band shorter while you pluck it?

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