

## Extra idea: Make a Gabonese clucking bird

You will need:

- Sturdy plastic cup
- Piece of string (double the length of the cup)
- Stickers, feathers, pipe- cleaners, card (to decorate)
- Small piece of cloth (around 7 cm x 7 cm)



Figure 1



Figure 2

- Carefully pierce a hole in the base of the cup.
- Thread the string through the hole and secure it with a large knot (see Figure 1). Alternatively, wind the string around a piece of drinking straw and tape firmly to the base of the cup.
- Decorate your Clucking Cup. Research the birds of Gabon and base your clucking cup on a real bird (see Figure 2).
- Hold the clucking cup at the base with one hand. Take the cloth and hold it around the string with your thumb and index finger. Now pull the cloth firmly along the string to make the cup cluck. You can pull the string gently but firmly with your fingers, to get a similar effect (see Figure 2).

What happens if:

- You wet the cloth (or your fingers) and repeat the clucking actions?
- You change the thickness/texture of the string?

### How does it work?

Pulling the string makes it vibrate and these vibrations produce a faint sound. In this case, the cup and air around it also vibrate, so the sound is amplified (made loud enough) for us to hear it.

*Extra: Try using a larger cup (you could even use a plastic flower pot to make a giant clucking cup!)  
What do you think will happen to the sound produced compared to the smaller version?*