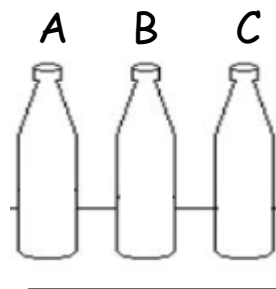


## EXPERIMENT: BLOWING INTO BOTTLES

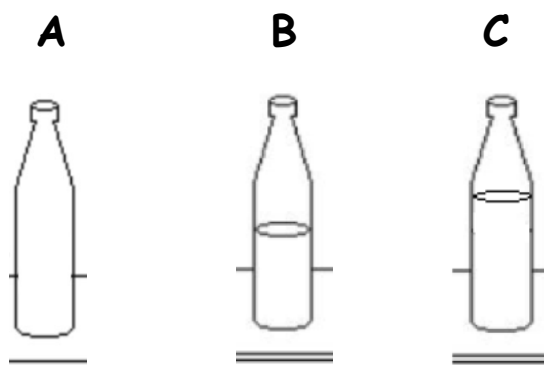
### Materials:

- 3 clean glass or plastic bottles with the same size and shape
- water



### Procedure:

1. Leave bottle **A** empty
2. Fill bottle **B** with water, **half full**
3. Fill bottle **C** with water, **three-quarters full**



4. **Blow** across the top of bottle A, then B and C and listen to the **pitches** of the sounds produced

[Optional. Add picture: child blowing a bottle]

### **Conclusions (complete)**

- Which bottle (A,B or C) produces the **highest** sound?  
Bottle ...
- Which one the lowest? Bottle ...
- Draw the three bottles in **sequence from the lowest to the highest sound**



LOWER SOUND

HIGHER SOUND

### **Report**

Now you can report on your experiment to the class; use **drawings** and **keywords**