Task 3

Mini Investigation

You will need an empty bottle and a jug of water

1. Predict how the pitch of the sound will change when you blow over a bottle filled with different amounts of water.

2. Test your prediction by filling the bottle up gradually and seeing what it sounds like. Could you fill the bottle up by using your knowledge of quarters?

3. Did the pitch get higher or lower? Why do you think the sound changed in this way?