**LO: To explore how the features of an object affect the pitch of a sound**

I predict...

**![MCEN00190_0000[1]]()**

**![MCj04077340000[1]]()**How could you change a straw to change the pitch?

Equipment **![MCj03340700000[1]]()**

* Straw
* Scissors

Method

1. Flatten the last 2cm of the straw with your teeth.
2. Cut the corners off the straight, flattened end of the straw.
3. Place the cut end of the straw into your mouth, seal your lips around it, and blow until a “sound” is produced.

Key questions

What happened when you blew through the straw?

How did the sound change?

How did you create a high pitch and a low pitch?

Scientific vocabulary

vibrate sound

pitch volume higher

lower change

slower quicker

Once you have carried out the investigation use the space below to record your findings.

Draw a scientific diagram and write a conclusion to share what you found out. Use the key questions, scientific vocabulary and sentence starters (below) to help you.

Conclusion

The sound was made by…

The pitch changed when…

This was because…