



How Do We Make Sound?

WOODWINDS

Instruments in the woodwind family make sound by the player blowing air through a **mouthpiece** to create **vibrations**.

Woodwind instruments have different types of mouthpieces. Some, like the bassoon, use a **double reed** – two tiny piece of cane that are tied together with thread. Others, like the clarinet, use a **single reed** – a single, thicker piece of cane. And others, like the flute, use no reed at all.

The vibrations travel through the instrument and out the **bell** to create sound. Players change the sound of the instrument by pressing different combinations of keys to make the pitch sound higher or lower.