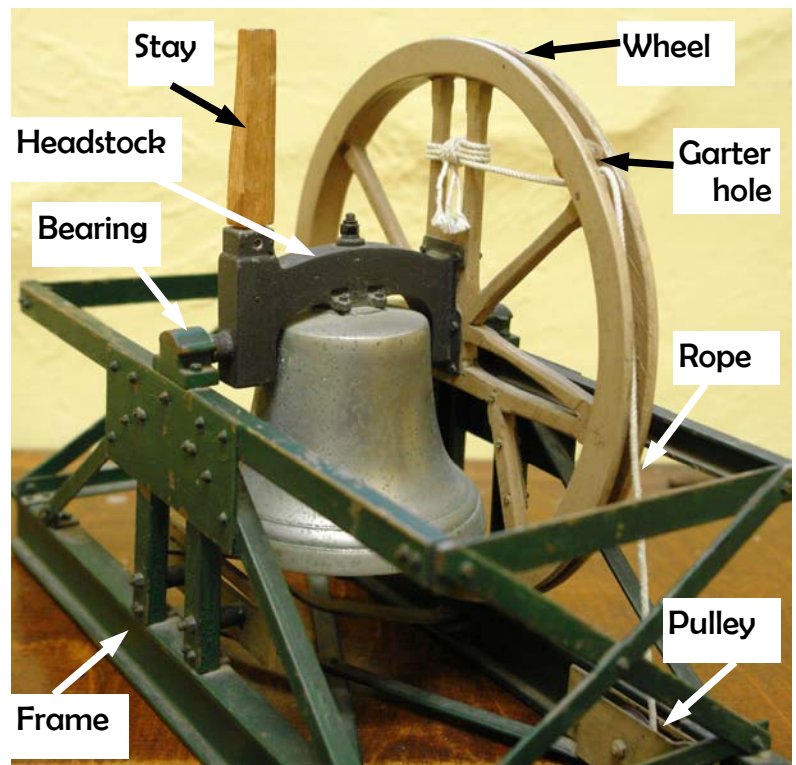


How does a bell work?

This model shows a bell when it is 'down'. In this position the bell is safe — it can be swung from side to side but will always come safely back to its rest position.

However, before a bell can be rung to changes, it must first of all be swung to its 'up' position.

This is done by pulling on the rope on each swing so that the amount of swing increases until the bell is mouth up.



Here, the bell has been swung into the 'up' position. The stay of the bell rests against a slider underneath the bell, and the bell can be balanced mouth up.

A light pull on the rope is now enough to tip the bell off its balance. It will then fall under its own weight and swing right round until it is mouth up in the opposite direction.

