



We made a simple model to show that the heart is a pump and to demonstrate how the heart pumps blood around the body.

We used a jar, balloon and two straws. We stretched the balloon over the jar to create a membrane for our pump. We carefully pierced the balloon membrane and inserted the straws. When we pumped the membrane water came out of both straws because we did not have a valve to stop the water from pumping both ways. The cut end of the balloon worked as a valve to stop the water from going back down the straw. The heart pumps blood out into your body through your arteries in a similar way.

