

# The Human Circulatory System

A lot of important things are happening all the time under our skin for us to stay alive and well. The most important of these things is called the Circulatory System, which includes a pump, some liquid and sixty thousand miles of tube.

The heart is the pump. It pumps blood (the liquid) through blood vessels (the tubes).

First the heart pumps blood through the lungs, where oxygen is added. The blood then returns to the heart, and is pumped out again around a larger circuit. On its way, goodness taken from food is added by the digestive system.

Now, the blood is full of oxygen and goodness as it flows around the body, feeding all the different parts and taking away waste.

Eventually, the old blood has used up most of its goodness and oxygen, so it returns to the heart, where it starts the whole process again.

1. What is the name of the pump and what does it do?


2. What is the purpose of the smaller circuit?


3. What is the liquid called and what is it for?


4. What gradually happens to the liquid and how is this problem solved?
