# Your amaring 

 then the journey begins all over again.Your blood is a super-efficient recycler! Each day, it makes
 over 1,000 round-tipips through your body while your heat
 greater than two trips around the world!

Calling all young scientists! Join us on a brilliant blood-pumping investigation around the human body.

[^0]of every day for your entire lifetime. Good thing, too, as your life depends on this pump to never take a rest, even when you're asleep! Take two fingers and push gently into your neck on either side of your windpipe. If your fingers are positioned correctly, you'll feel a tiny pulse pushing against your fingers each time your heart contracts - keeping you alive. But just how does this powerhouse work...?

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A heartbeat is so powerful that

 WATER eat, and your heart beats ove
00,000 times a day two billion times in your lifel two bilifion times in your life! cells in your body needs oxy cells in your body needs oxygen
to turn food into energy, and
: your heart delivers it. The right to your to your ungs, where it picks up to the left side of your heart. From there, your heart pumps blood to every cell, delivering oxygen and removing carbon


[^0]:    Did you know that you have a muscle in your body that has the power to lift a car, the strength to pump 7,500 litres of blood twice around the world in a single day, and the stamina to never take a break?! It's your heart, an incredible, fist-sized muscle in the centre of your chest. Your heart's job is to push blood around you body, and it can keep pumping every second

