

Sir John Offley CE VC Primary School

'With God all things are possible'

KS2 Year 6 Animals including humans

Question	Answer
What makes up our circulatory system?	Heart, blood vessels and blood.
What does blood transport around our body?	Digested nutrients like glucose and oxygen
What is the name of the type of cell that transports oxygen around the body?	Red blood cell
What molecule in the blood allows it to carry oxygen?	Haemoglobin
What are the names of the four chambers that make up the heart?	Right atrium, left atrium, right ventricle, left ventricle
What are the three types of blood vessels in our body?	Arteries – carry blood away from the heart Veins – carry blood towards the heart Capillaries – connects arteries and veins
Is the aorta an artery or a vein?	The aorta is the largest artery in the body
What effect does exercise have on the heart?	The heart beats more frequently
Why does the heart beat faster when exercising?	To pump more blood carrying oxygen around the body.
What happens to heart rate after exercise is finished?	Returns to resting (fitter people have lower resting heart rate)
Where does the oxygen that is transported around the body enter the blood?	In the lungs
How are nutrients and water transports through the body?	The water-soluble vitamins are absorbed easily along with the water in the small intestine, where they then travel through the body via the blood vessels .
What are drugs?	Drugs are chemicals that alter chemical reactions in the body
What are painkillers?	Drugs that can be used to reduce pain but not the symptoms of a disease
Give two examples of painkillers?	Aspirin and paracetamol
State what plant aspirin comes from?	Willow tree bark
Give two examples of illegal drugs?	Cannabis and cocaine
Give two examples of diseases that could be caused by excessive drinking of alcohol?	Liver cancer and cirrhosis

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Give two examples of diseases caused by smoking	Bronchitis and emphysema
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