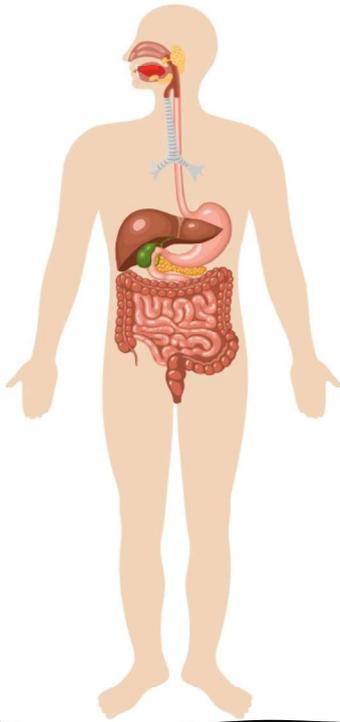




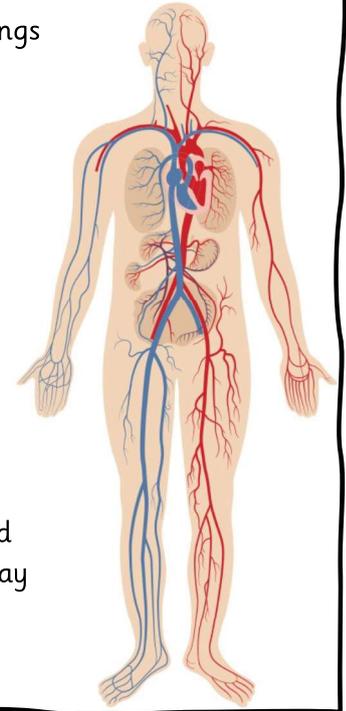
Digestive System



mouth
|
teeth
|
tongue
|
oesophagus
|
stomach
breaks down
nutrients and water
|
small intestine
absorbs nutrients
|
large intestine
absorbs water
|
rectum

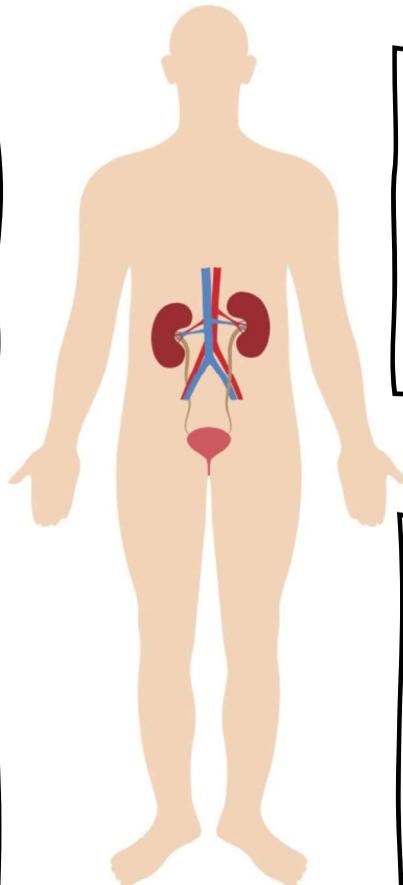
Circulatory System

oxygenated blood from lungs
|
heart pumps blood
via arteries
|
transport nutrients
|
transport oxygen
|
veins and capillaries
deliver nutrients
and oxygen
to muscles and cells
|
deoxygenated blood and
waste products taken away
|
filtered and expelled
from the body



kidneys

located either side of the vertebrae
|
right kidney
(as you look from your eyes)
slightly lower due to the position
of the liver
|
blood enters the kidneys
|
filter out waste substances the
body does not need
|
kidneys clean the blood
|
waste materials must be dissolved
in liquid – water
|
that's why urine is liquid
|
two kidneys clean about 180 litres
of blood in 24 hours!



kidneys are sophisticated

adjust the amount of water
they excrete
|
on hot days we lose water
through sweat
|
urinate less as the body needs to
conserve water to avoid
dehydration

bladder

muscular sac that receives
urine from the kidneys
|

|
stores urine before excretion
|
contracts to expel urine