

# The Knowledge

Supporting the National Curriculum



Knowing More

Remembering More

Learning More

## Staying alive



**ARDLEIGH GREEN**  
JUNIOR SCHOOL

Year 6  
Science

# Key People

John Boyd Orr was a Scottish doctor and biologist who realised that there is a link between nutrition (what we eat) and our health.

Leonardo Da Vinci was a famous artist, scientist and mathematician who studied human anatomy (how the body is made up).

# Key Vocabulary

**Organ** - a group of tissues that perform a specific function in the body

**Circulatory system** - the heart along with arteries and blood vessels which transport blood around the body

**Respiratory system** - the set of organs which allows a person to breathe and exchange oxygen and carbon dioxide

**Vein** - a blood vessel which carries blood back to the heart

**Artery** - a large blood vessel which carries blood from the heart to other parts of the body

**Diet** - the food and drink that a person/animal consumes

**Drug** - any substance which changes how we think or feel

**Nicotine** - a chemical found in tobacco which is highly addictive

**Addiction** - an urge to do something which is difficult to control or stop

# Key Facts

The heart, brain, lungs, kidneys, stomach, liver, intestines and skin are all major organs in the human body.

Each organ has a particular job to do.

The organs work together in systems to keep us alive.

The most complex organ is the brain which controls our thoughts and actions.

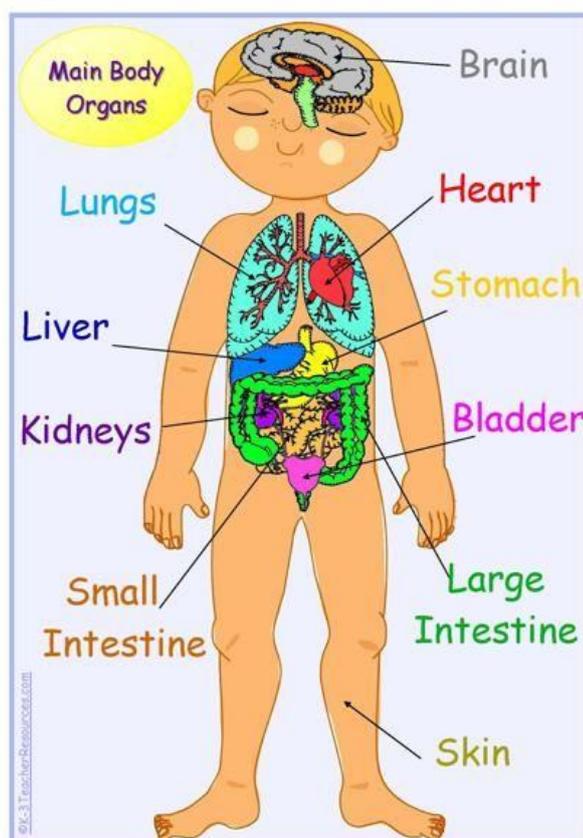
The largest organ is our skin.

One of the most important organs is the heart which pumps blood around our body.

To keep our bodies healthy, we need to eat healthily, get plenty of exercise and rest.

Drugs are any substance which affect how our bodies think or feel. Some drugs help us whilst others are harmful to our body.

## Major organs



# Test Yourself

Name at least 8 key organs of the human body.

Explain how the heart works.

What do we mean by an 'organ system'?

Which organ is part of the 'respiratory' system?

Which organ controls our thoughts and actions.

Explain what is meant by the term 'drug'

In order to stay as healthy as possible, what do we need to consider?

## What I would like to know...