

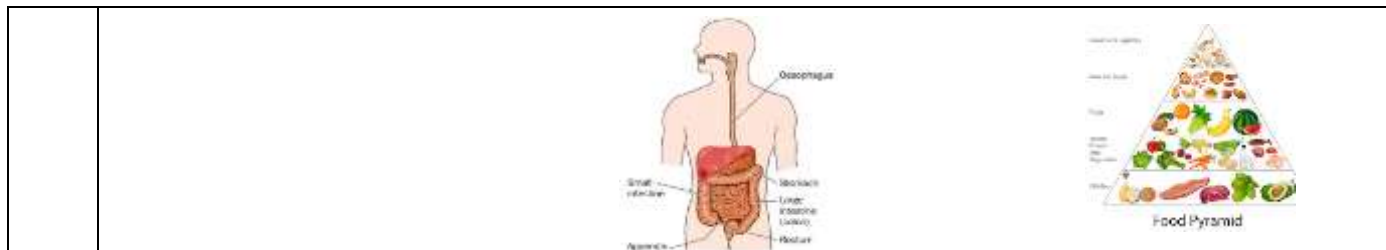
St Bernard's Catholic Primary School- Science

Topic: The Human Body

Year 4

What should I already know?

Basic human needs for survival
The importance of a healthy diet
How medicine can help if we are ill
Identify different types of teeth and their simple functions.



What will the children know about by the end of this unit?

- All living things, which can also be called organisms, have to do certain things to stay alive. These are the life processes:
- movement (muscular system)
- growth (skeletal system)
- respiration (white and red blood cells)
- excretion (digestive system)
- nutrition (food pyramid, eat well plate & healthy food recipes).
- Sort vertebrate and invertebrate animals into groups, describing their key features.

Vocabulary

- **Excretion**- process of eliminating waste from the body.
- **Invertebrate**- a creature that does not have a spine, for example an insect, a worm, or an octopus.
- **Nutrition**- the process of taking food into the body and absorbing the nutrients in those foods.
- **Respiration**- process of respiring; breathing; inhaling and exhaling air.
- **Vertebrate**- a creature which has a spine.
- **Skeleton**- internal or external framework of bone in an animal or plant.
- **Intestines**- connect stomach to anus. Small and large.
- **Oesophagus**- connects throat to stomach.
- **Rectum**- last part of the large intestine connecting to anus.
- **Anus**- opening of the body where waste is deposited.

Working Scientifically

1. Ask relevant questions and explore.
 2. identify differences, similarities or changes related to simple scientific ideas and processes.
- use straightforward scientific evidence to answer questions or to support their findings.

