

Our body and senses

In this unit of work, the children will learn about our human body and will investigate our 5 senses. Children will then further their understanding of their sense of hearing. The main activities will involve children listening to sounds, using instruments, creating simple instruments to distinguish sounds and investigating sound travel.

In this unit children will:

- Label the different external parts of our body using a diagram and key words.
- Identify our 5 senses and match them to each body part.
- Develop knowledge of our 5 senses, match them to each body part and understand how we use them.
- Experiment using our 5 senses and understand key vocabulary linked to each sense.
- Children will be able to use their sense of hearing to listen to different sounds and will investigate how sound travels.

Prior Learning

EYFS Pupils learn about their body and how it moves. They talk about the effect exercise has on your heart.

Cross Curricular Links

Art Monarch portraits

Key Vocabulary

Skeleton - the internal framework of bone or cartilage. **Organs** - an organism that has a vital function.

Senses - the faculties of sight, smell, hearing, taste and touch.

Brain - this organ helps us think and stores memories.

Heart - this organ pumps blood to the rest of your body.

Lungs - this organ provides oxygen to the body.

Stomach - this organ digests food.

Skin - this is the largest human organ; it keeps the other organs safe.

Eyes - our eyes help us to see things around us.

Ears - our ears help us to hear things around us.

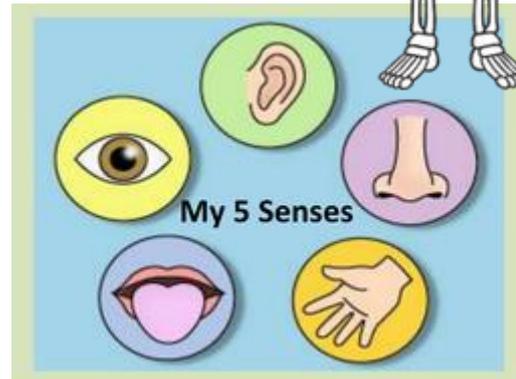
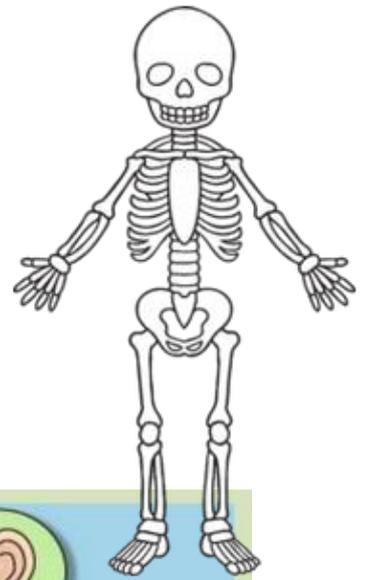
Mouth - our mouth helps us to taste things.

Nose - our nose helps us to smell things.

Skin - our skin helps us to feel things. **Sensory impairment** - when one or more of your senses does not work properly.

Key Knowledge

- We have five senses: sight, hearing, touch, taste, smell. Our senses are important because they send messages to our brain and help us understand what is happening around us.
- Our eyes use light to help us see.
- Our ears help us to hear. Sounds travel through our ears to send messages to our brain. Most of our ear is in our head – not the bit we can see! Some people need help hearing.
- The organ used for touch is our skin and it covers our whole body. The sense of touch allows us to tell if something is hot or cold, dull or sharp, rough or smooth or wet or dry.
- The top surface of the tongue is covered in taste buds. We can taste four separate flavours; sweet, salt, bitter and sour.
- We can use our nose to smell things. Our sense of smell can also warn us about possible dangers, for example if we smell smoke.
- The skeleton is a structure of bones that support and holds up our bodies. It provides protection for all of our organs inside. Skull- The part of the skeleton that protects the brain. Sound wave- Sound is made up of vibrations, or sound waves, that we hear. Taste buds- Sensory organs that are found on your tongue and help your sense of taste.



Key Questions

- What are the different parts of our body?
- What are our bones protecting?
- What are our five senses?
- Which part of our body are we using when we touch?
- Which part of our body are we using when we smell?
- Which part of our body are we using when we see?
- Which part of our body are we using when we taste?
- Which part of our body are we using when we hear?
- How would our lives be effected if we did not have certain senses and body parts?