

SCIENCE FOR US

Textbook 1



Introduction

This is the first book of the “Science For Us” series. It consists of five units.

Each unit begins with a summary of the main learning outcomes for students.

Each unit consists of investigation activities, keywords and simple information

presented along with pictures to support the student’s understanding of the concepts.

Some pages have a link to the workbook to give students an opportunity to apply what they have learnt.

This book is designed to meet the needs of schools that choose to teach Science in English, and aim for a high level student understanding.

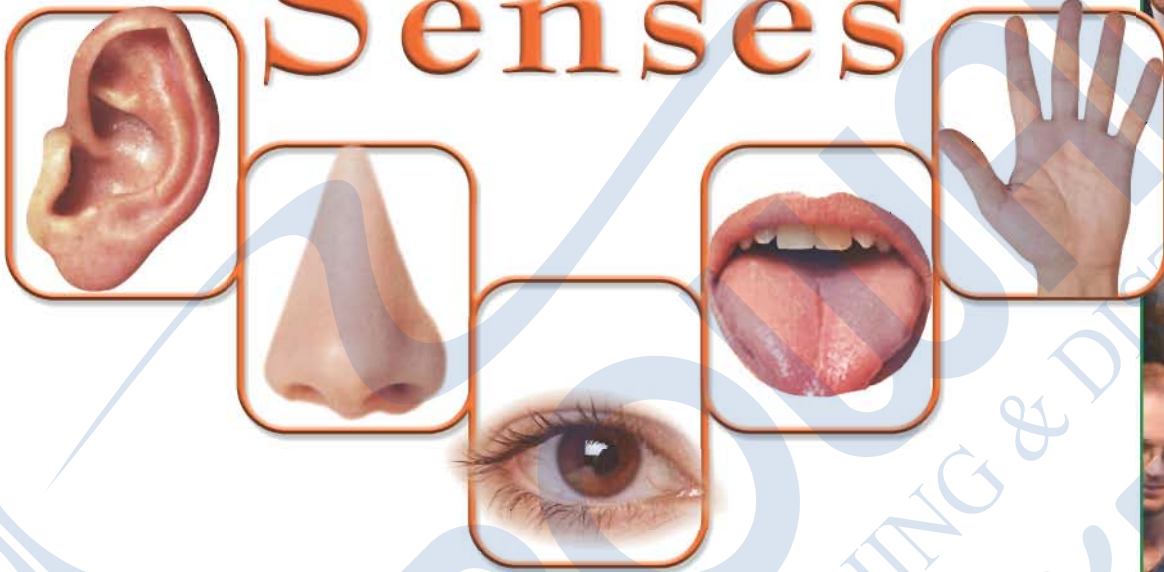
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When you have this →
go to the workbook.



Human Senses



By the end of the unit, children will be able to:

- * name the parts of their bodies.
- * discover things about objects by looking at and/or touching them.
- * identify that daylight comes from the sun and that it is dangerous to look at the sun.
- * recognise that light is needed for us to see things.
- * identify that we see things with our eyes and feel things with our skin.
- * use words that describe what things feel and look like.
- * identify that we hear things with our ears.
- * name light sources.
- * recognise the importance of using all their senses to find out about things around them.



Our Body



Our Five Senses

Look around your classroom.



*What can you see?



*What can you hear?



*What can you smell?



*What can you feel?



*What can you taste?

We use our five senses to learn about the things around us.



Our Five Senses



I see with my eyes.

I hear with my ears.

I smell with my nose.

I taste with my tongue.

I feel with my skin.

We see with our eyes.



We hear with our ears.



We smell with our nose.



We taste with our tongue.



We feel with our skin.





Sense of Touch

We can find out about things by touching them.



cold

hot



rough

smooth



soft

hard



Sense of Sight



- We enjoy looking at things.
- We see things with our eyes.
- Sight is important in our lives.
- It is difficult to do things if we cannot see.
- We recognise (understand what things are) the colour, size and shape of things with our eyes.



It is dangerous to look directly at the sun.



Put on your thinking cap.
Why do you think people wear sunglasses?



Sources of Light and Heat

Here are some things that make heat and light.



bulb



fire



candle



sun



star



Objects and Light

Most objects do not make their own light; they need light to make them visible.

Sometimes objects reflect light. This means that light bounces off the object in the same way that a ball bounces off a wall.

Objects that reflect light can be shiny or dull.

Shiny objects



Dull objects



Sense of Smell



You enjoy some smells,

but not all!

**You smell things with your nose.
Some things have a smell, while
other things have no smell.
Smells are different.
You can recognise some things
by their smell.**



Sense of Taste

We like the taste of strawberries. They taste sweet.



Different foods have different tastes. You can identify (recognise) foods by tasting them.



salty



sour



sweet



bitter



You taste food with your tongue.

