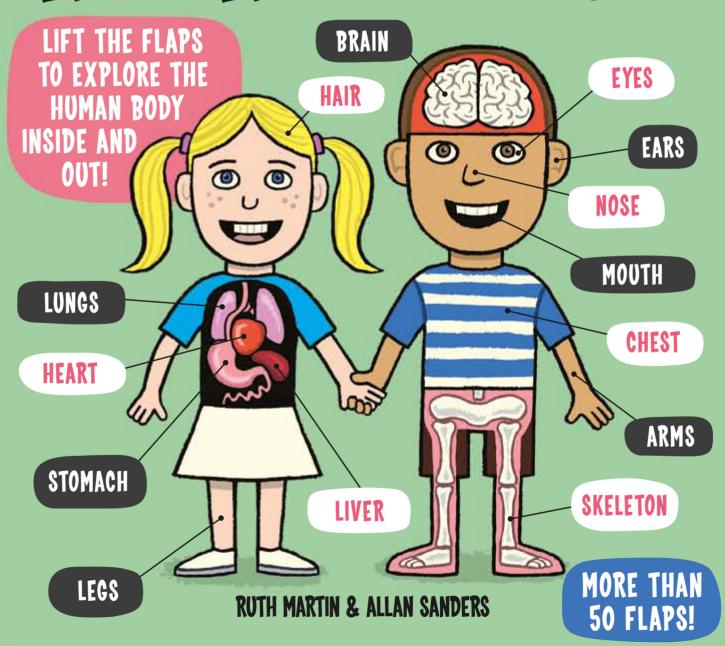
LITTLE EXPLORERS

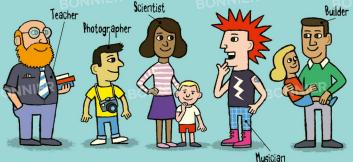
MY AMAZING BODY



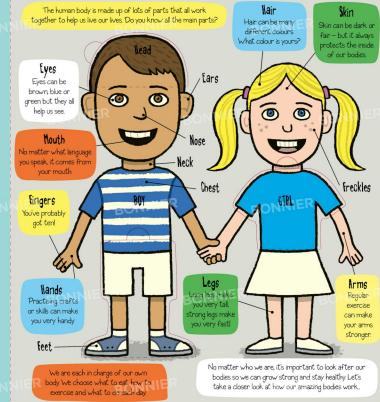
WHY ARE WE ALL SO DIFFERENT?

There are more than seven billion people in the world and no two are exactly the same! Let's explore what makes us all different... and what we all have in common.





People have many different skills and do many different jobs. Humans can be many shapes and sizes, but everyone here has one thing in common – a human body! (Except one – can you spot him?)





Human babies start life inside their mothers. At first, they look just like a tiny blob of jelly! Then they grow for about 40 weeks before they are born - that's about nine

Belly button

A special cord feeds the baby with all the goodness it needs to grow. Look at your tummy and you will see where the cord joined - it's your belly button!

Water baby

The baby grows in a part of the body called the womb. surrounded by watery liquid.

Taking shape

Bit by bit, the little blob grows until it has a head, arms and legs and starts to look like a babyl The mother will start to feel the baby stretch kick and even

have hiccups! When it has grown big enough,

the baby is ready to be born











12 weeks





22 weeks

30 weeks

Growing, growing, gone!



Teenagers grow even faster than children - as much as 8-9 centimetres a year until they reach full adult height.

How about hair?

Hair and nails never stop growing. The parts we cut are made up of dead cells - that's why it doesn't hunt!



Babies grow into children very quickly.

By the time they reach one year old they

are about three times heavier than when

they were born! Children grow about

6 centimetres a year.

Genes not jeans!

often look similar. This is because of genes, which are like little messages in our bodies, passed on by our parents.



When were you born? What do you look like now? How fast do you grow?

Brothers and sisters

Tape measure How tall

HOW DOES MY **BODY WORK?**

Inside your body is a skeleton made up of all your bones. A bit like a giant coat hanger, it keeps your body the right shape! Let's explore how it helps you stand up and move around.

Ribs

Bornes

Babies are born with 300 hones Some of these join together as you grow. A fullygrown adult has 206 bones.

Joints

Where two bones connect you have a joint. Joints let your body move smoothly and comfortably, without any bits snapping off!

Skull

When you were born, your skull was almost full-sized already! Babies' heads have more flexible bones, that only fix into place as you get older.

Shoulder joint

Muscles

You have more than 600 muscles in your body. Some help to move food or blood around, while others let you move about

Elbow joint

Spine (back bone)



Knee joint

Unlike the skeletons you see in museums, the bones inside you are alive and keep growing until you are an adult.

Blood and guts!

As well as your skeleton, there are lots of very important body parts working together so you can breathe, think, move and grow.

Skin

Skin protects your body and keeps everything safe inside. It lets you feel the things you touch and keeps you just warm or cool enough.

Lungs

Lungs help you breathe in fresh air and get rid of used air



Blood vessels

Blood flows all around your body in tubes called blood vessels. Without blood, your body wouldn't get the goodness it needs from the food you eat and the air you breathe.



Your brain is charge! It tells your body what to do and makes sure you grow.

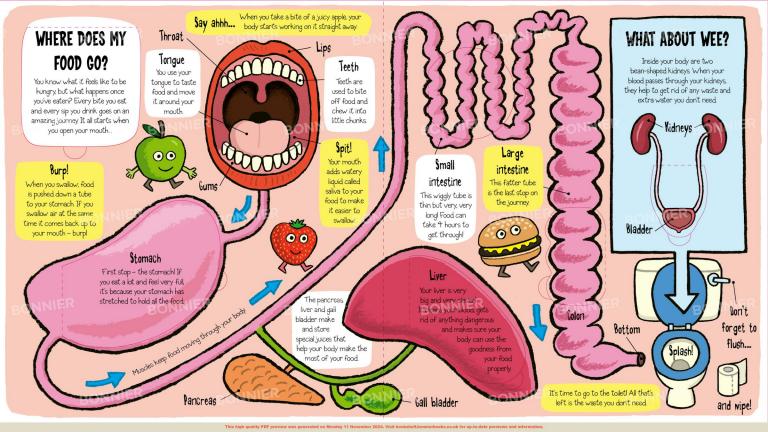
Heart The heart is a

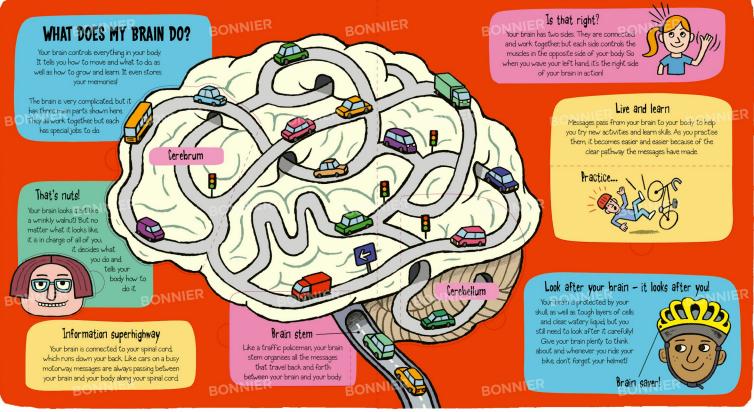
strong muscle that pumps blood around your body. It is about the size of your fist.

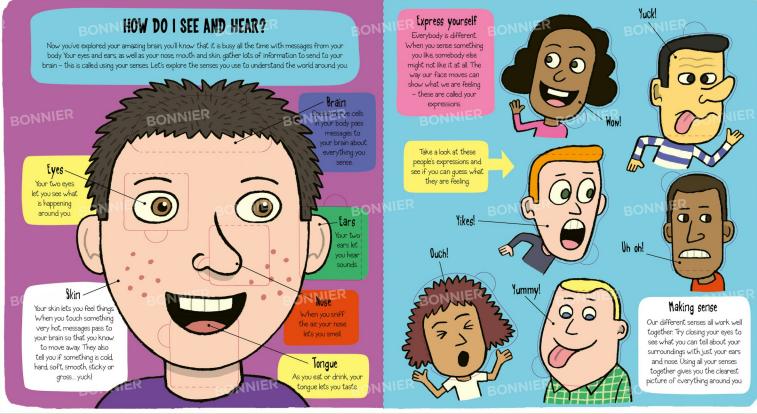
Stomach

Your stomach is like a stretchy bad where the food you eat is stored.

Now you know what's hidden under vour skin, listen out for the noises that tell you everything is working inside!

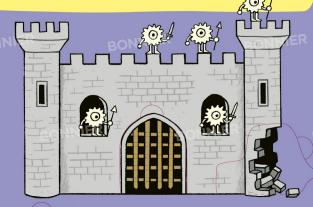






WHY DON'T I FEEL WELL?

Your body tries very hard to keep you well, but sometimes you can feel ill. Illness can be caused by a part of the body that isn't working properly or by germs from outside the body getting inside Just like a castle, your body is built to defend itself against attack and fight off sickness.





Invasion!

Germs are like tiny invaders. They are living things that can cause infection in your body and make you ill Some give us viruses, like colds or flu, and others may cause an upset stomach

Get well soon!

As we grow, we learn how to help ourselves get better from sickness or pain. Have a look at the media problems on this page. Do you know what these people need to do to make themselves well again?



Colds

BONNIER

Sickness





NIER

Broken bones BONNIER





Toothache

There are many different things that can make you feel unwell It's important to tell someone and see the doctor if you need help to get betten Taking care of your body is the best way to avoid being ill Turn the page to find out how.

HOW CAN I LOOK AFTER MY BODY?

By finding out how your body works, you've already made a great start looking after yourself. To stay fit and healthy, try to make good choices about what you eat and what you do each day.

Take a look at the healthy habits on this page. They'll help to keep you in tip-top condition... and then you can achieve anythind!

Have your shots



Learn first aid

Having a first aid kit and learning what to do if someone is hurt or ill can be very useful.

Get your vits



Clean your teeth

Brush twice a day and visit the dentist for check-ups.



Wash your



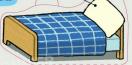
Stay safe

Eat well

Cross the road carefully and look out around you to avoid accidents.



Sleep well



Playtime!

It's lots of fun, but playtime is very important for your body too. Relaxing and enjoying time with friends can be a brilliant way to stay healthy.



Friends

Good friends make you laugh and look out for you. Both old friends and new friends can make us very happy, so make as many as you can!

Have fun

activities that you enjoy can keep you fit and help you

Water

water from you sweat.



You lose lots of your body when Have plenty to drink when you exercise to stay topped up.



Sun protection

Playing outside in the fresh air and sunshine is very good for you. Stay cool and use suncream to protect your skin.

Exercise

Whether you enjoy football swimming, dancing or running, make sure you exercise every day.

