

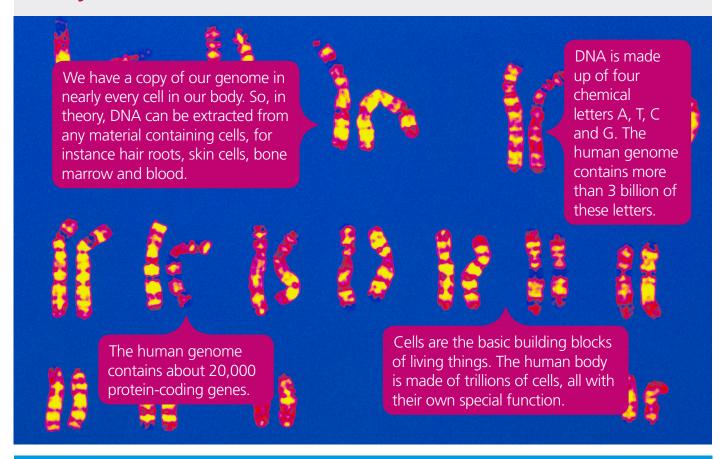


## DNA, genes and chromosomes

## **Key facts**

- The human genome is made up of a biological molecule called DNA, which stands for deoxyribonucleic acid.
- Genes are small specific sections of DNA within the genome that provide the instructions to make biological molecules, such as proteins.
- Most of our DNA is packed into the nucleus of the cell in structures called chromosomes. Most human cells have 46 chromosomes arranged in 23 pairs.
- We get one half of each chromosome pair from our mother and the other from our father.

## Did you know?





Find out more

Watch our animation 'What is DNA?': www.bit.ly/what-DNA

Developing people

for health and

healthcare

www.hee.nhs.uk

