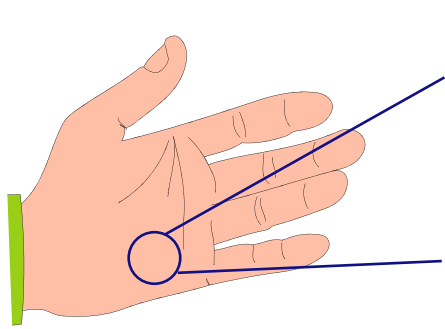
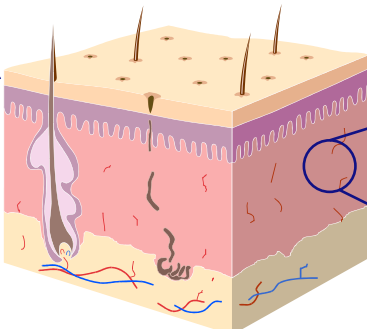


Genetics & Inheritance

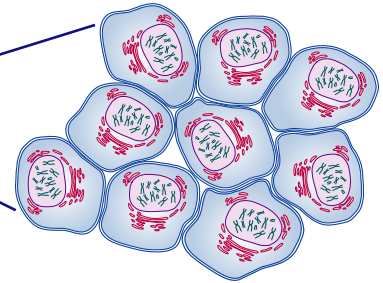
Just what is DNA, and where is it found?



skin is one of many **organs** that make up your body

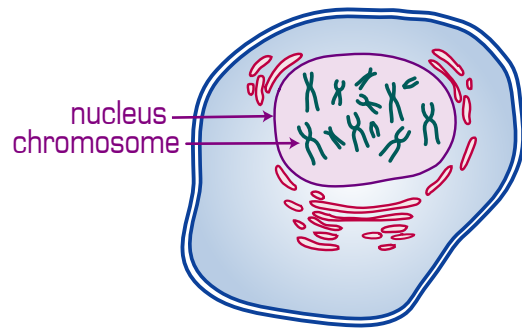
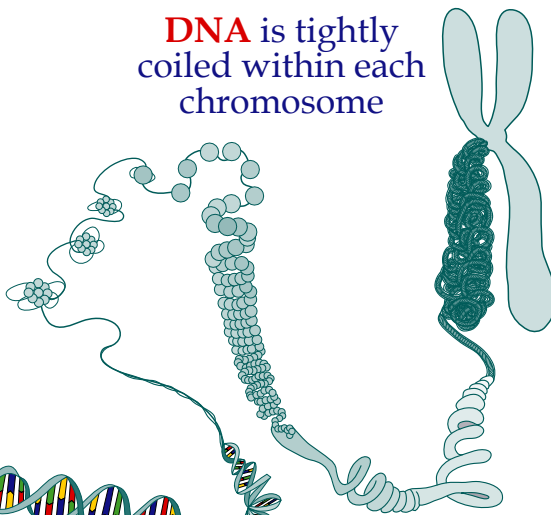


like all organs, skin is made up of several **tissues**

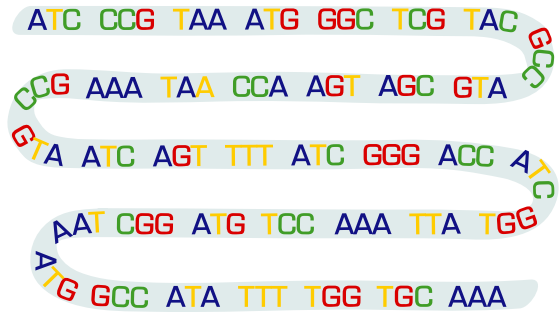
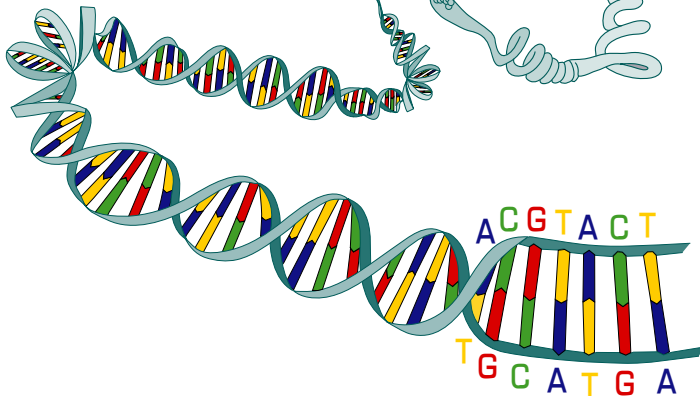


cells make up the tissues in your body

DNA is tightly coiled within each chromosome



chromosomes are found within the nucleus of most cells



the **DNA code** consists of 4 nucleotide bases:
A always pairs with T and
C always pairs with G

Adenine – **Thymine**
Cytosine – **Guanine**

the **DNA code** forms 3-base words that are grouped together in longer sequences called **genes**