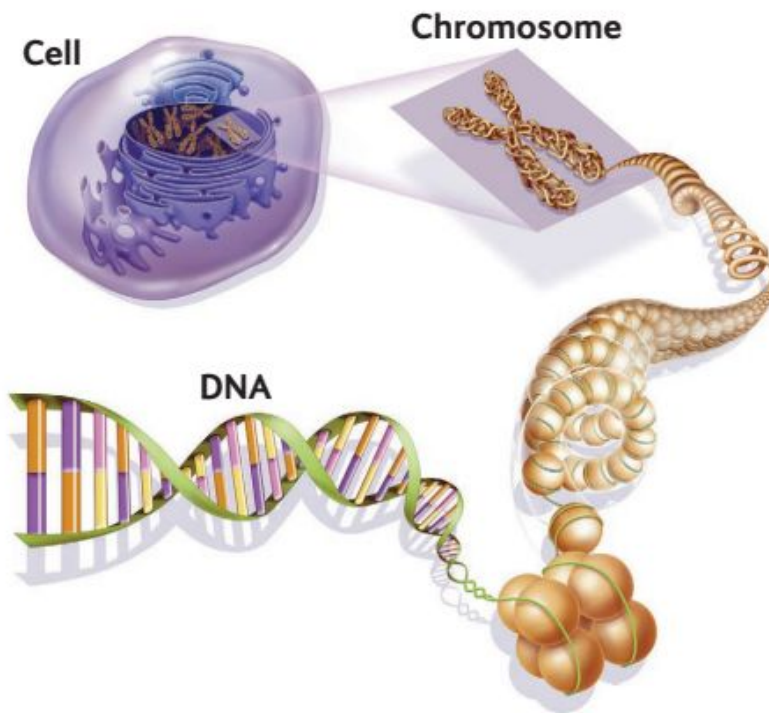
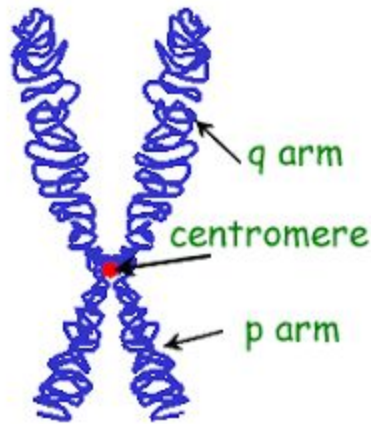


Chromosomes

- Chromosomes are tiny structures inside cells made from DNA and protein.
- The information inside **chromosomes** acts like a recipe that tells cells how to function and replicate.
- Your **chromosomes describe** what color eyes you have, how tall you are, and whether you're a boy or a girl.



DNA FACTS

DNA stands for deoxyribonucleic acid

DNA is in every cell except red blood cells

There are about 2 metres of DNA inside each cell



x chromosome



Mitosis

Mitosis is a process where a single cell divides into two identical daughter cells (cell division).

During mitosis **one cell divides once** to form **two identical cells**.

The major purpose of mitosis is for **growth** and **to replace worn out cells**.

