Library of Life

Our **body** is made of trillions of tiny cells, each with a **nucleus.**



The nucleus of each cell contains 23 sets of these chromosomes



Chromosomes are like **books** in a library, holding instructions for how our body works.



Chromosomes are made of DNA strands





The instructions in your chromosomes are like words on a page.



A section of DNA is called a gene — like a specific word on a page.

A **gene mutation** is a small change in instructions that affects how the body works, like a **misspelled word** in a book.