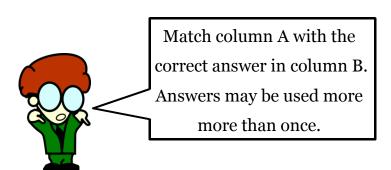
Get to Know Your Genes





Everyone has **genes**. They are instructions for your body. Genes determine what your body looks like, what color hair and eyes you have, and more. Your genes live in your **DNA** – long strands of information that make your body work. Your DNA is unique, which means no one else has the same DNA as you. One strand of DNA makes up a **chromosome**. Most humans have 23 pairs of chromosomes (46 total) in every cell in their body. We inherit chromosomes from our parents; we usually get 23 from dad and 23 from mom.



COLUMN A

What is a chromosome made of?

REFERENCE	
AGT CGT GGT CAG	genes
X	chromosome
§	DNA (double helix)

COLUMN B

What do you get from each parent? DNA is made up of what? What are the instructions for your body? You have 23 pairs of what?