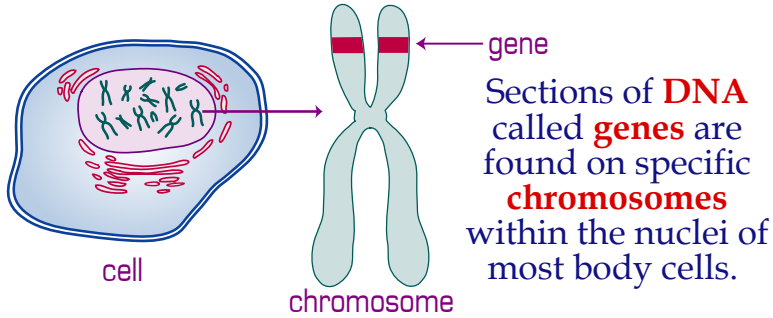


Genetics & Inheritance

How does inheritance work?



During **sexual reproduction**, the **zygote** receives one copy of each chromosome (and all its genes) from the Mom, and one copy from the Dad. In this way, **inherited traits** are passed from parents to offspring.

Inheritance of eye color in mice

The gene for **BLACK** eyes is **dominant**

The gene for **RED** eyes is **recessive**

	B	B
b	Bb	Bb
b	Bb	Bb

1st generation

