

DRIVING QUESTION NOTES

How can two organisms appear the same on the outside, but carry different instructions inside?

An offspring gets half of its chromosomes from mom and half from dad. Each parent carries two copies of a gene, but only one passes down to each egg or sperm.

We have two copies of each chromosome (gene),
1 from Mom, 1 from Dad.

DNA consists of distinct segments called GENES.

A gene instructs for the making of a protein or chemical