DNA Replication

The DNA molecule is shaped like a twisted ladder or

The sides of the ladder are made of

and

The steps of the ladder are made up of pairs of

The four kinds are

Which always pair with

Which always pair with

The replication process begins when the 2 sides of the DNA

This leaves the

unpaired and exposed on each side of the DNA

Free floating nitrogen bases in the nucleus pair up with the exposed bases to form two new identical copies of