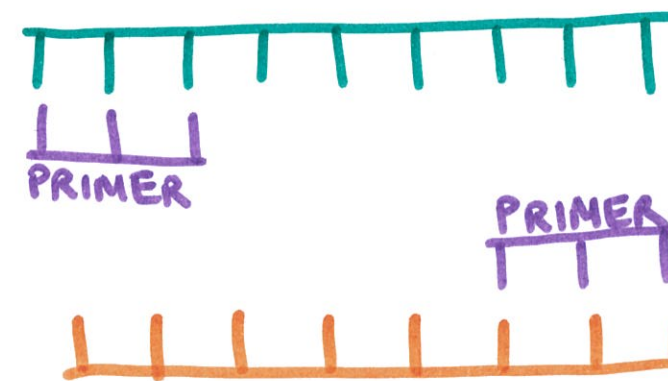
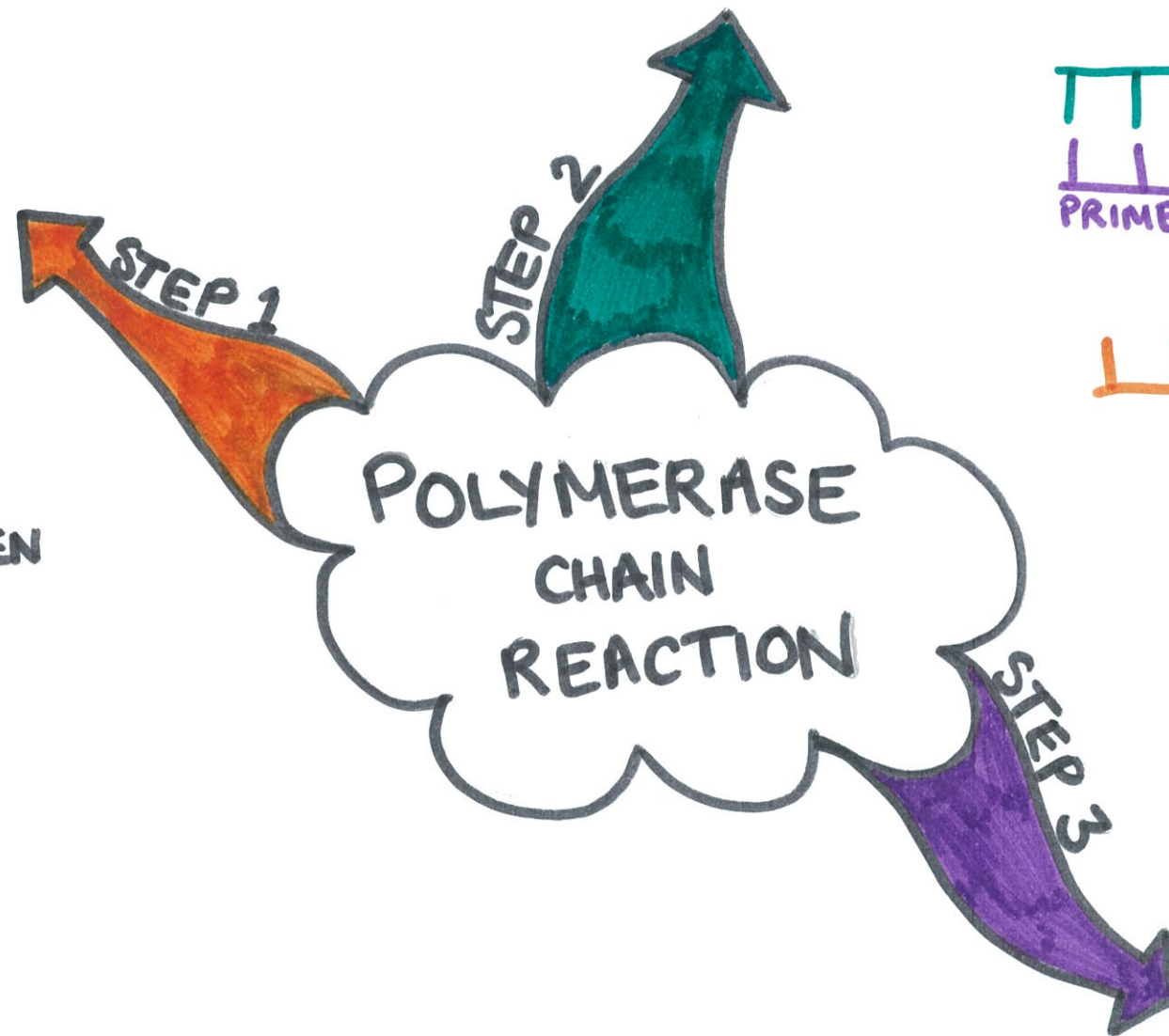
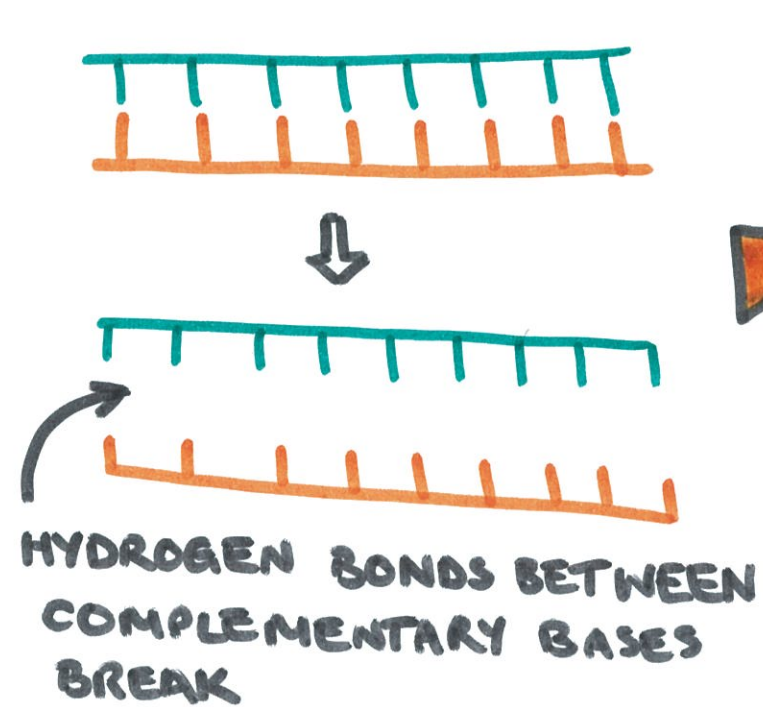
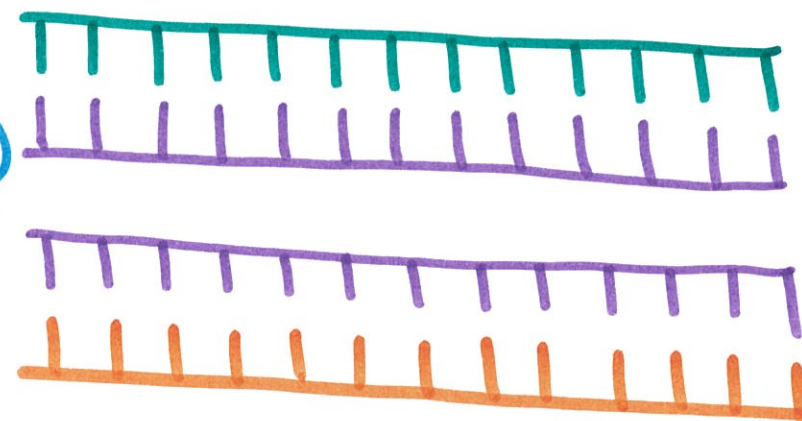
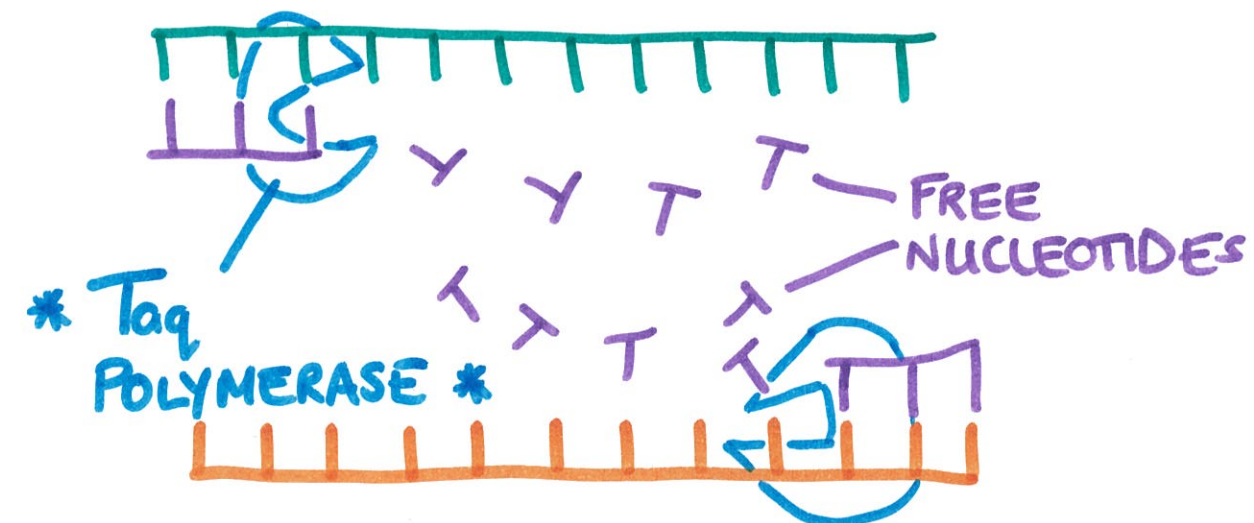


DOUBLE STRANDED DNA
FRAGMENT IS **DENATURED**
BY HEATING TO **90-95°C**

AT APPROXIMATELY **55-60°C**, PRIMERS **ANNEAL**
TO COMPLEMENTARY BASES AT THE START OF
THE SECTION TO BE COPIED



AT **75°C** **Taq POLYMERASE**
EXTENDS THE SINGLE STRANDED
DNA MOLECULE, CREATING NEW
DOUBLE STRANDED DNA



THIS PROCESS
IS REPEATED FOR
25 - 35 CYCLES
TO AMPLIFY
SUFFICIENT
QUANTITIES OF
DNA