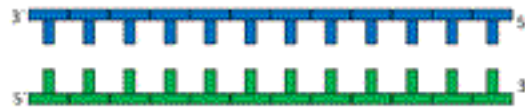


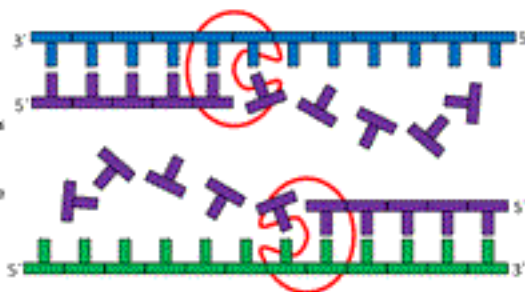
Double stranded
DNA is **denatured**
by heating to 95°C



At approximately
60° primers **anneal**
to complementary
bases flanking the
region of interest



At 72°C Taq
polymerase **extends**
the single stranded
DNA molecule,
creating new double
stranded DNA



The process is
repeated for 25-35
cycles to amplify
sufficient material
for visualisation

