

## Steps in PCR

1. Heat the DNA. The hydrogen bonds are broken and 2 single strands of DNA are created. (denaturing) (SEPARATE)
2. Add a DNA primer. The primer attaches to the DNA strands at a specific locus. (annealing) (ATTACH)
3. Add the polymerase enzyme and extra base pairs. The bases attach at their complement. (extending) (COPY)
4. Two identical DNA strands are created.

REPEAT