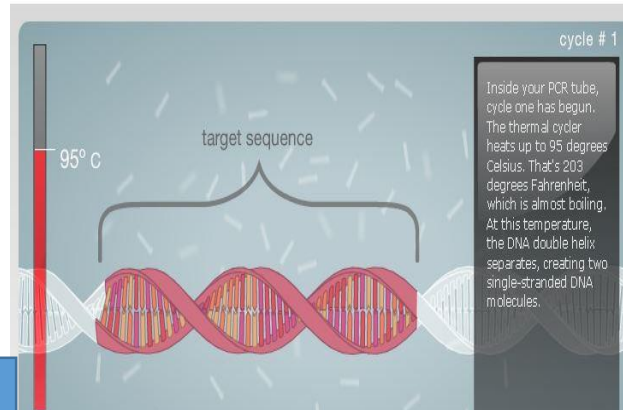


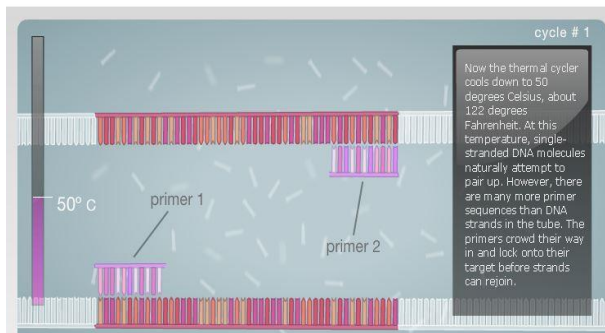
# THE OPEN PCR PROGRAM

(Heated Lid: 100 degrees Celsius)

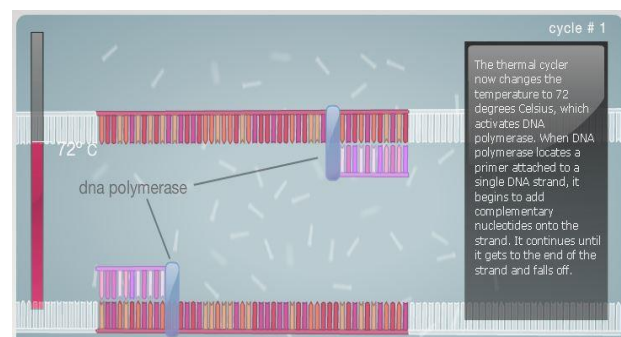
Cycle 1: Denature at 95 degrees for 2 mins



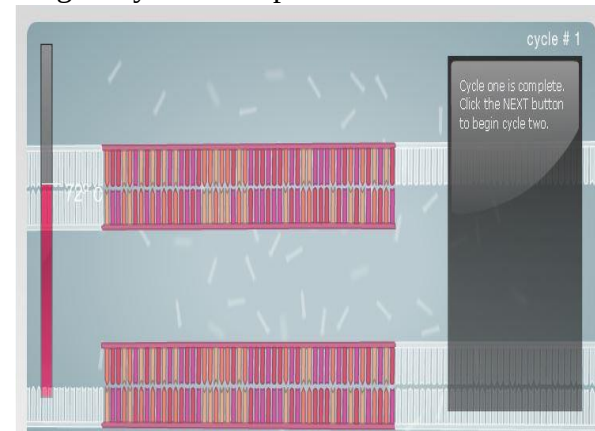
Anneal at 57 degrees Celsius for 30 seconds



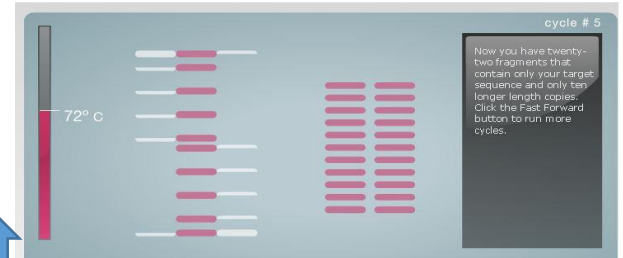
Stage 3. Heat extends to 72 degrees Celsius



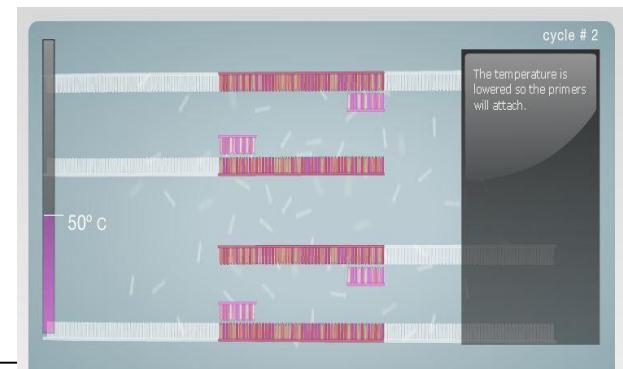
Stage 4 cycle 1 complete



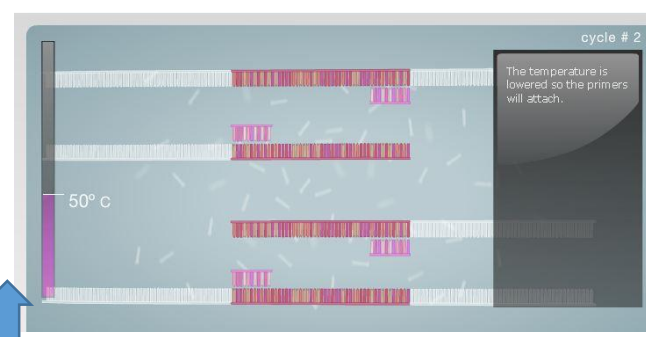
Overview of the next cycles. At final 25<sup>th</sup> cycle extend for 2 mins at 72 degrees and finally hold to 72 degrees C.



Cycle 3. Extend at 72 degrees C for 30 sec



Cycle 2: Anneal at 57 degrees C for 30 sec



Cycle 2: 95 deg. Celc. Denature for 30 seconds

