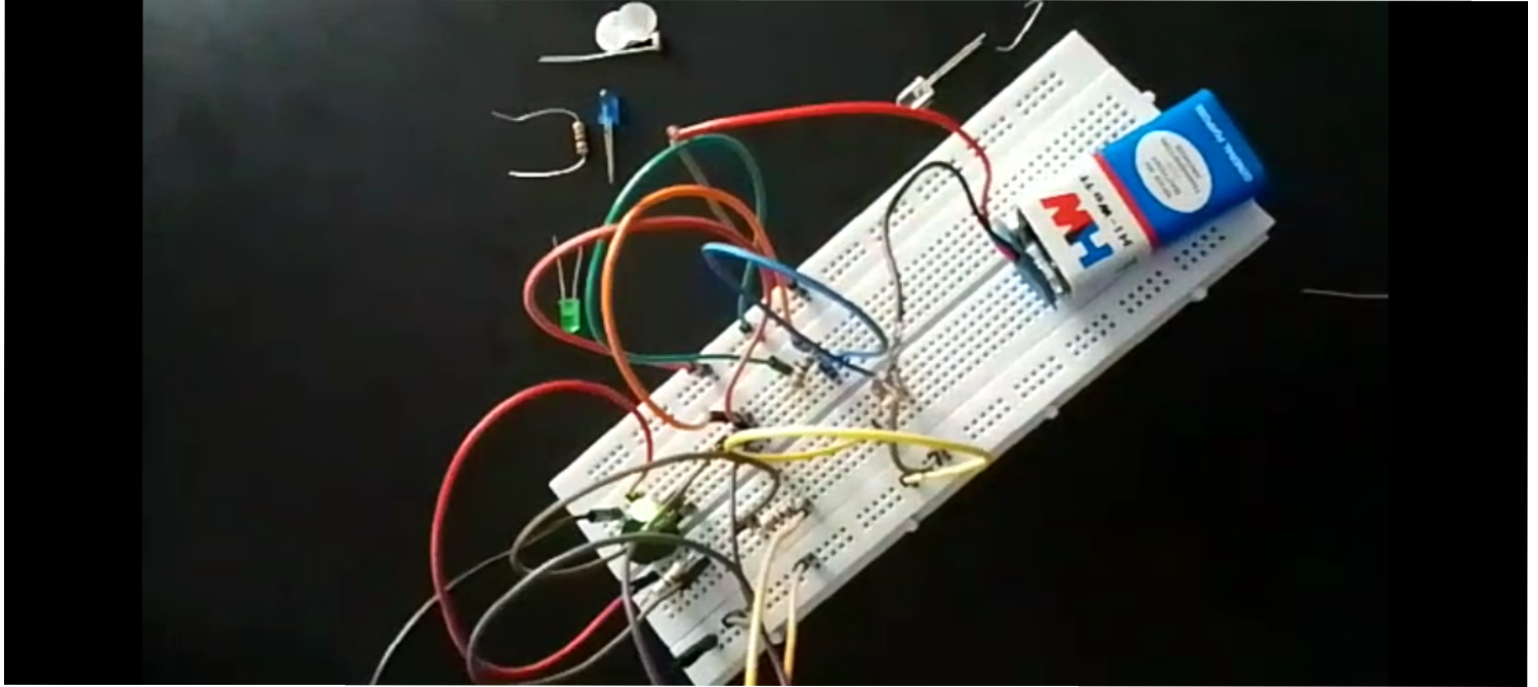
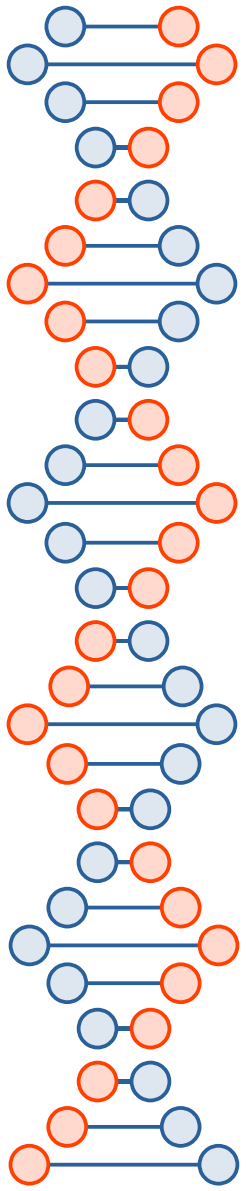




Automatic Streetlight Control Switch

SSS TWO PHYSICS PROJECT

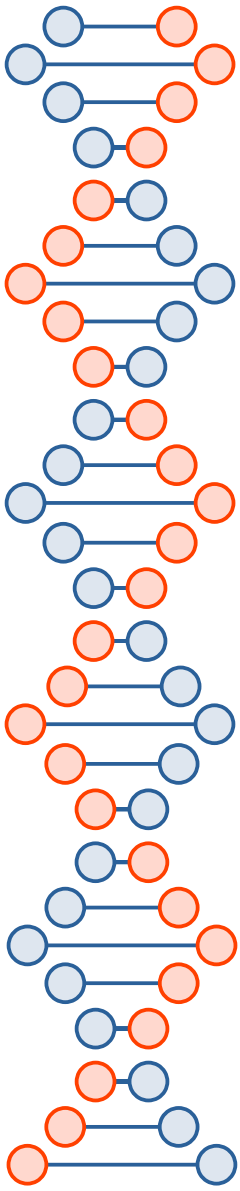


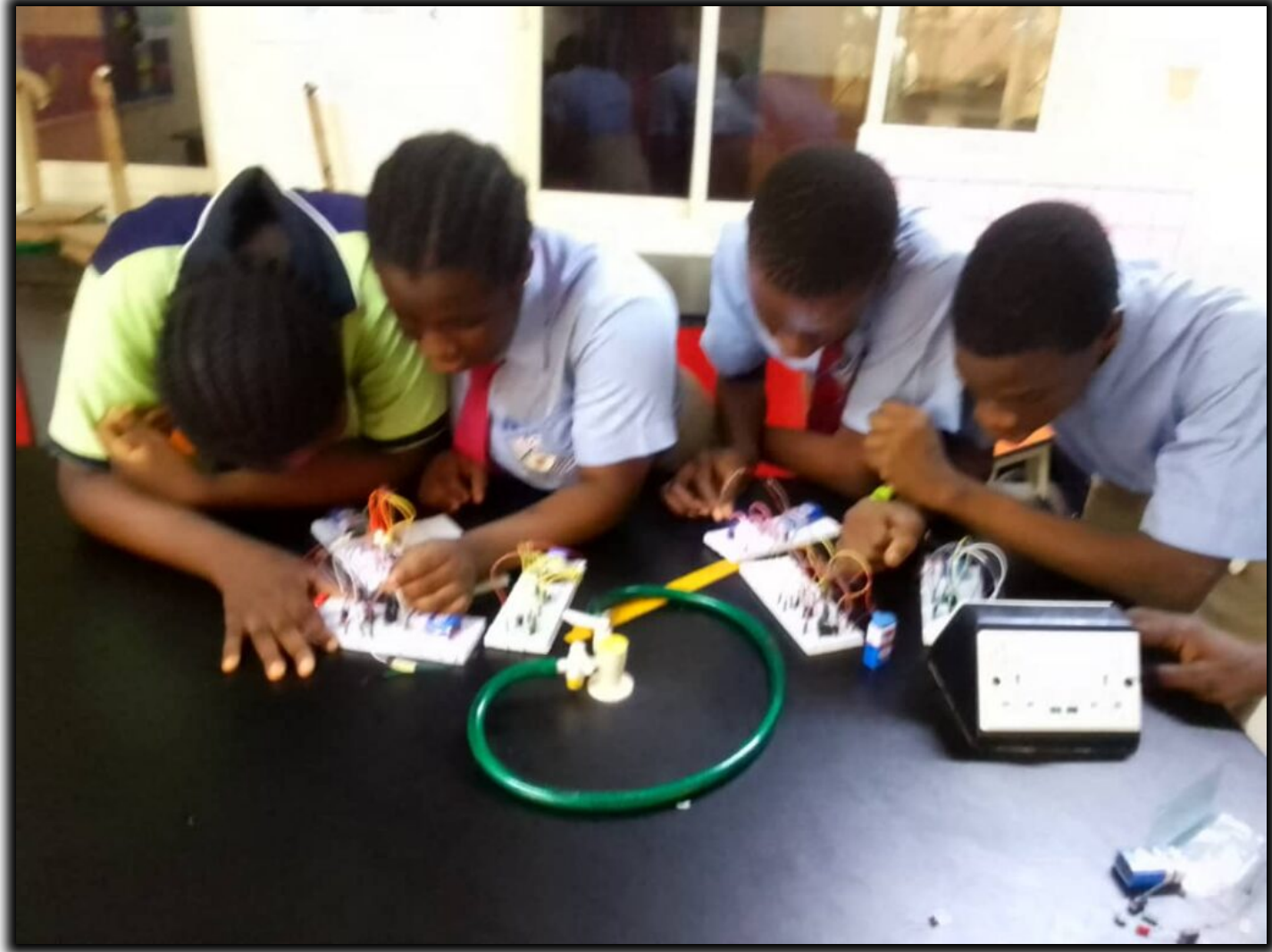
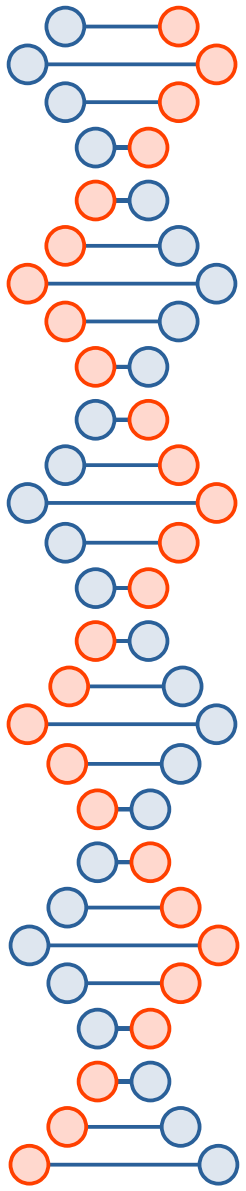
MODE OF OPERATION

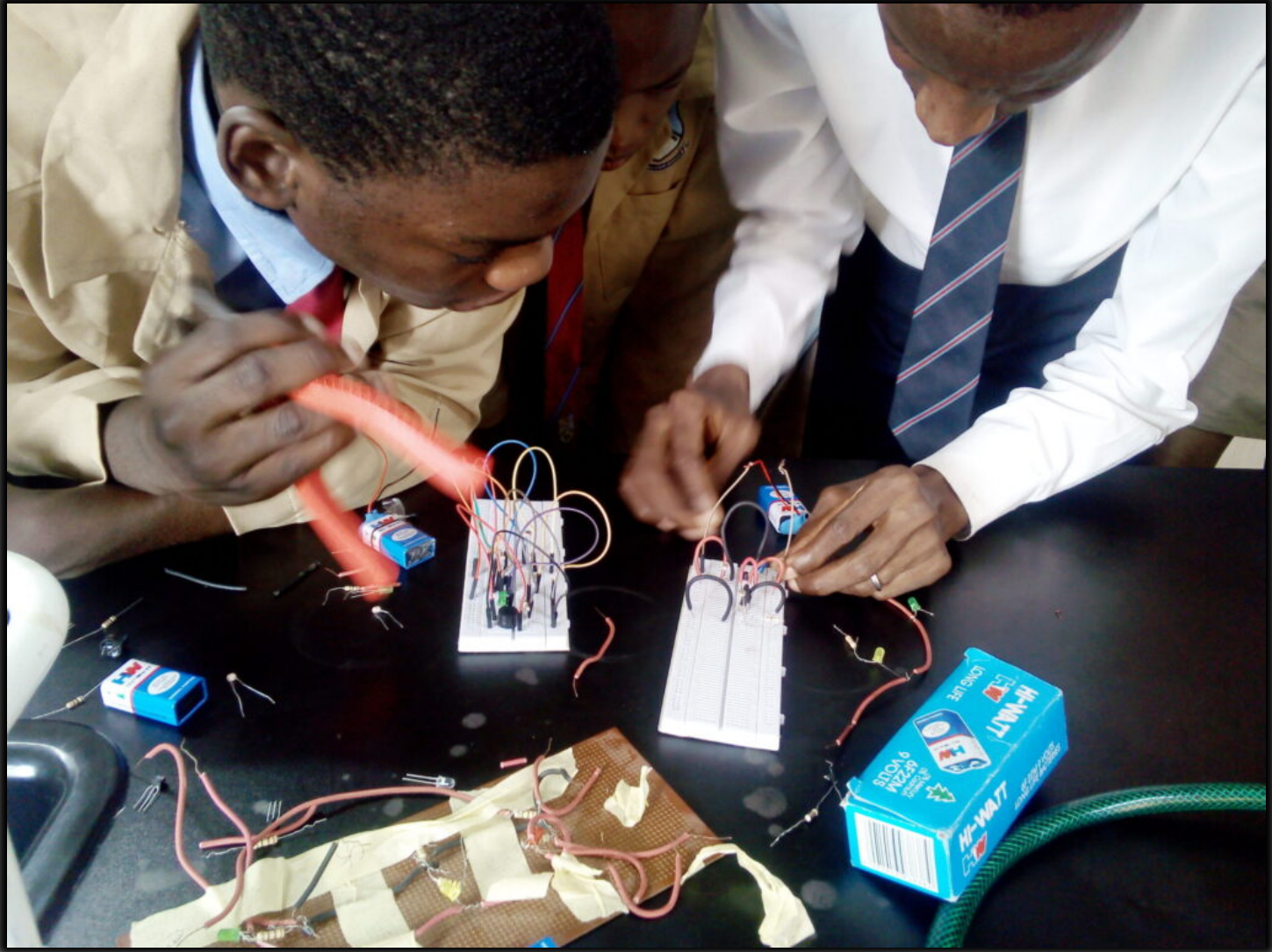
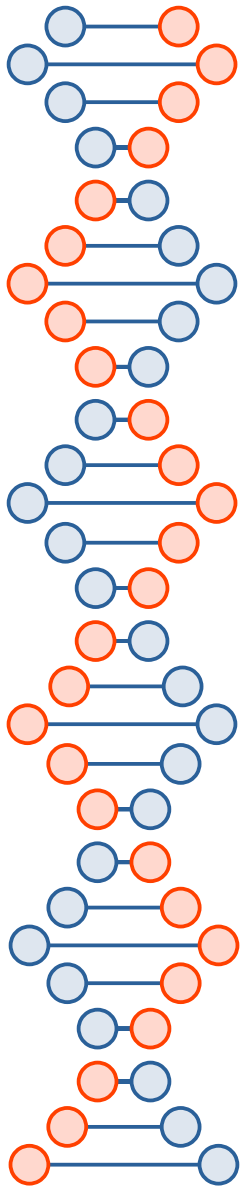
The circuit consists of two transistors and a LDR (Light dependent resistor).

When the LDR senses the ultraviolet rays, its resistance increases and the circuit goes off.

At night, the resistance of the LDR reduces drastically and the circuit is powered.



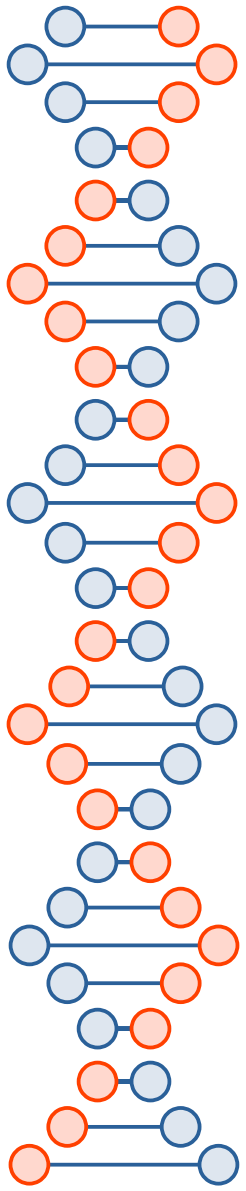




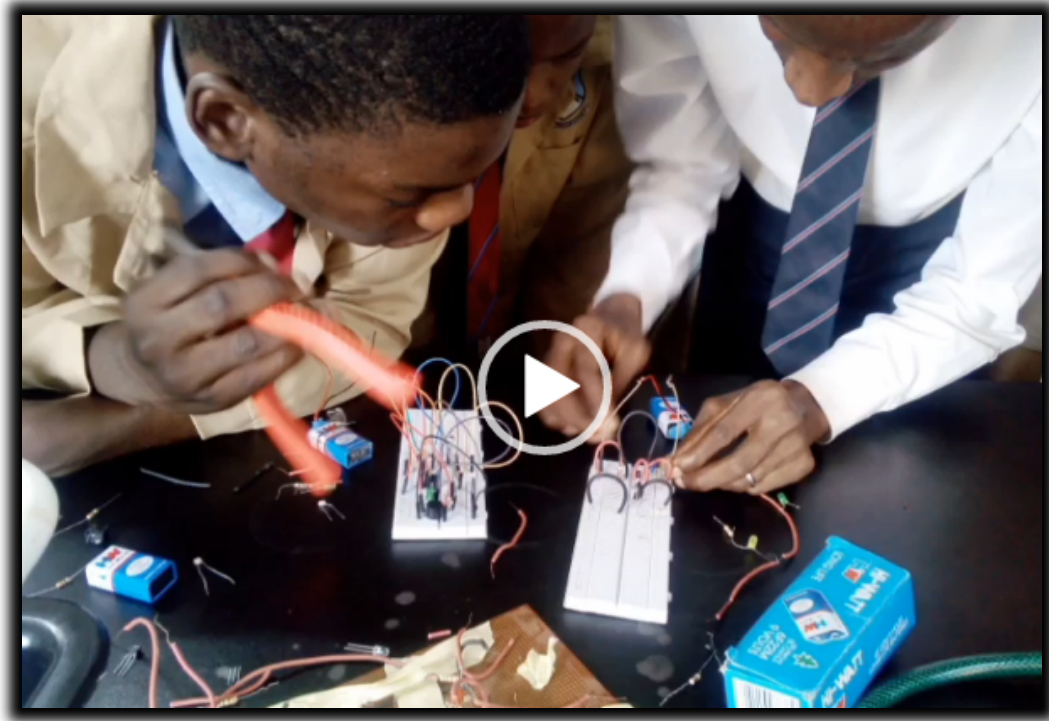


The main areas of application of this project are:

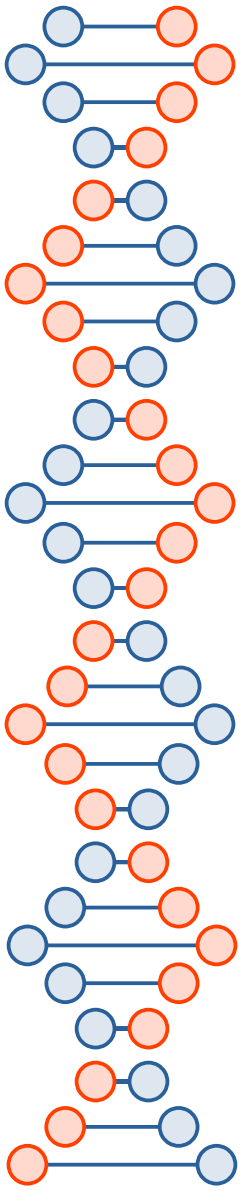
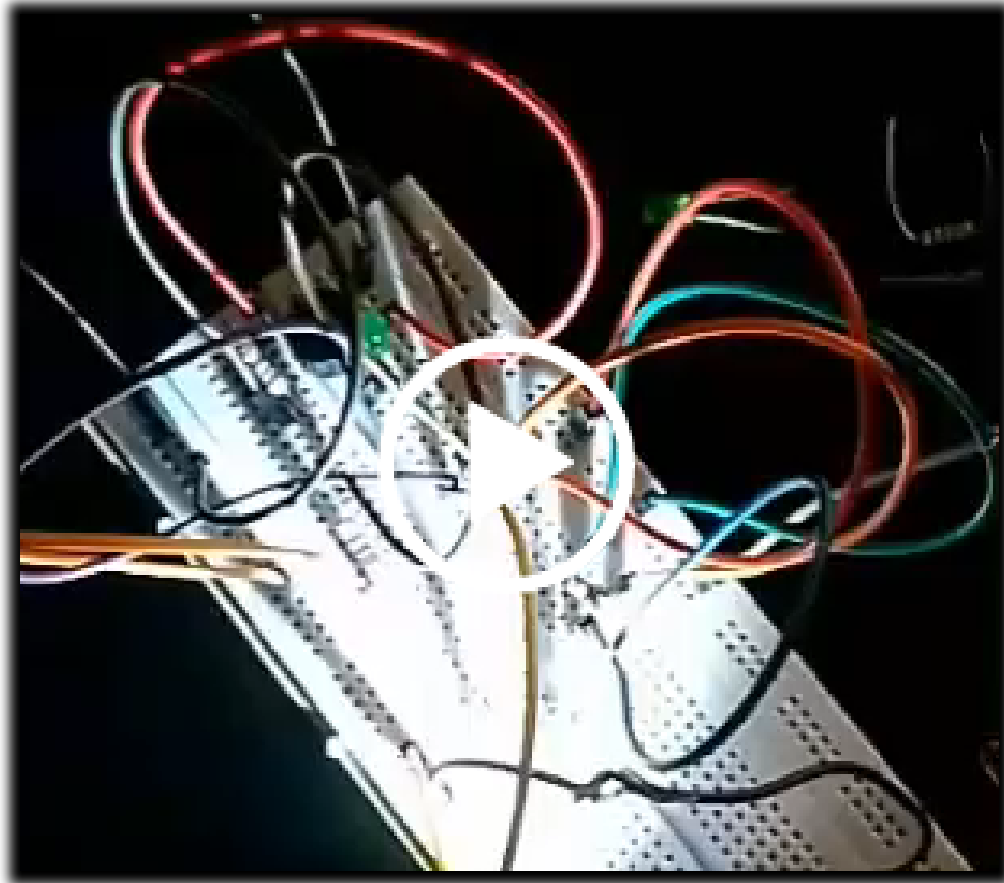
1. To power streetlight automatically.
2. It can also be used to construct automatic table lamp which can be powered automatically whenever there is power outage.



WATCH

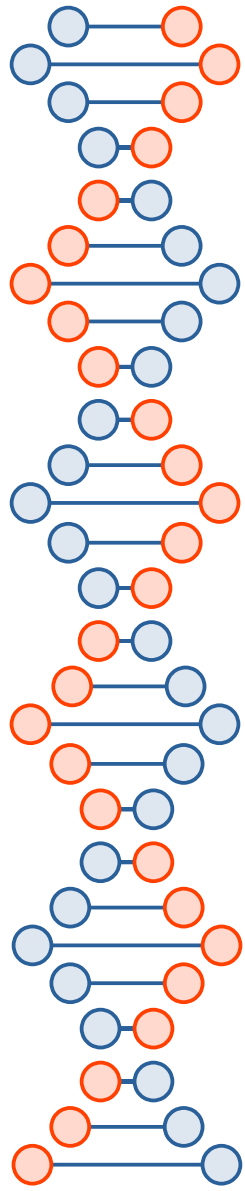


WATCH





WWW.CLASAMSCHOOLS.COM



SUPERVISOR: MR. CALEB