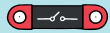


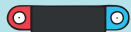
## L40 SERIAL CONNECTION OF LEDs



3x LED



1x switch



1x battery



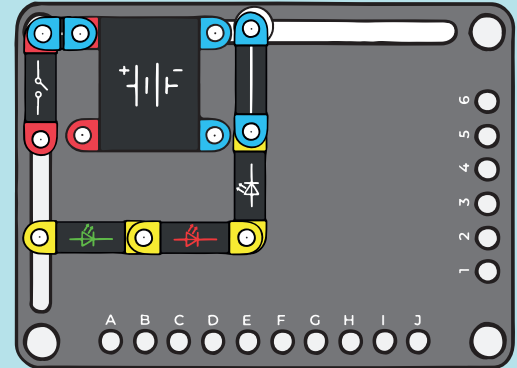
1x



1x



1x



The objective is to test that by connecting 3 LEDs in series, none of them will light up because the voltage drop across each of the diodes is in total greater than the supply voltage of the batteries, which is 6V. Here you do not need to worry about destroying the LEDs without adding a resistor since almost no current will flow through them.