



# Kingsmead School

**JT MAT** A PARTNER ACADEMY IN JOHN TAYLOR MAT  
Headteacher: Mrs M Mincher, Bsc, NPQH

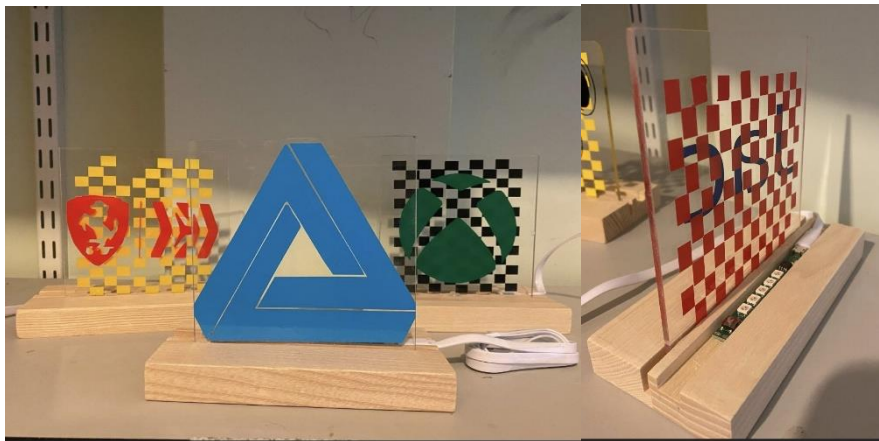
RESILIENT  INNOVATIVE  MINDFUL  EMPLOYABLE 

2<sup>nd</sup> September 2024

## REF: Year 8 LED Practical Project

Dear Parents/Guardians,

Over the next year, Year 8 will be completing a practical, CAD-CAM project where they will be designing and manufacturing an LED bedside light incorporating the laser cutter. This light will have a full LED circuit which connects into a USB plug allowing a better-quality product. Our previous light had a battery clip attached to the end of the circuit which required 4 batteries to power the light without a switch; we found the product did not last long, and the batteries needed changing on a regular basis. So, we are super excited with the new circuits and the ability to power these through a USB plug. (See below some examples of the project)



To help ensure high-quality products are used within this practical we are asking for parents/guardians to contribute £2.75p towards the cost of the circuit, this will allow the students to also take their product home with them once fully complete. We are asking for the contribution to be made through ParentPay by the 27<sup>th</sup> September 2024, as this will allow us to track who has paid and order the circuits ready for the lessons.

If you have any questions regarding this, please contact Miss Andrews on:  
[h.andrews@kingsmeadschool.net](mailto:h.andrews@kingsmeadschool.net)

Many thanks in advance for your support.

Yours faithfully,

Miss Andrews