

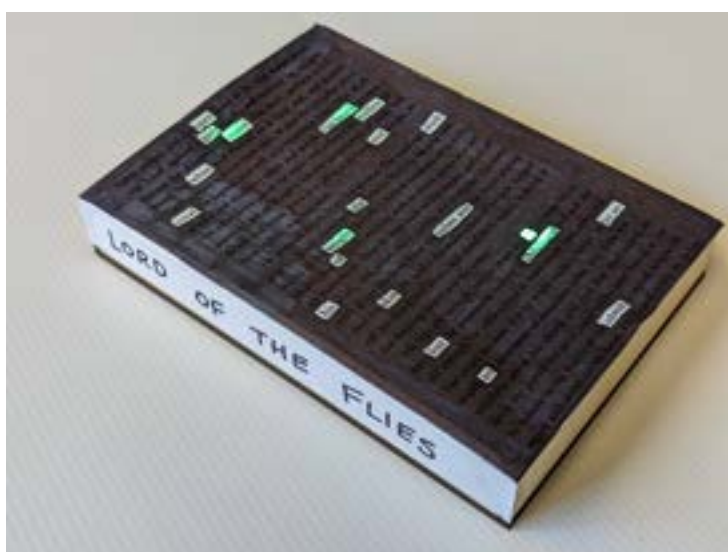
Black Out Poetry with Lights

Shared by: K-12 Maker at MIT Edgerton Center

Specialized tools and materials used:	Experience level required:
LEDs, Simple Electronics	Beginner-intermediate

Grade Level and Subject (of this example): 9th Grade

Topic/Content Standards (for this example): ELA, creative writing, poetry

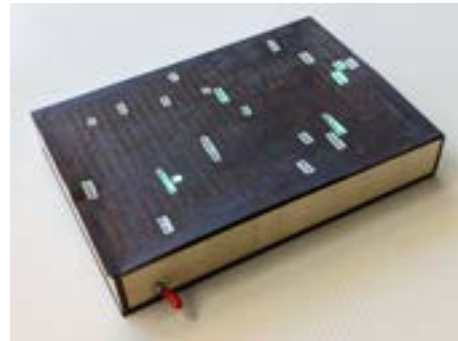


Summary of Project:

Students take a more advanced approach on blackout poetry - a style of poetry in which you piece together different words from a body of text to create a new poem. The word “blackout” refers to the act of blacking out the other words so that those chosen for the poem are highlighted and can be read easily.

In this project, students illuminate the new poem by using this page as the cover of a light-up box. The box or structure can be made out of any material. (Wood, Cardboard, Plastic) In the box lies a circuit that has LEDs that will light the highlighted words from below. All the LEDs are wired in parallel and powered by a 3V coin cell battery. The circuit conductors are copper tape with conductive adhesive. It uses a toggle switch to turn the lights on and off.

This project supports students’ understanding of basic circuits while they are engaged in creative thinking for the poem. It can be an individual or small group project. This project would take at least three 45 minute class periods, one for creating the poem, one for creating the structure, the other for creating the circuit and assembly.



Prototype Images:



Suggested resources

- [What is black out poetry?](#)

Possible Content explorations

- Creative Writing
- Exploring more complex circuits