

**Problem:**

In the current version of an etch-a-sketch any pictures that are drawn must be immediately erased, and only one person is able to use it at a time.

**Proposed Idea:**

I would like to make an electronic etch-a-sketch that has the ability to save pictures that are drawn and a second ability to play two player games.

**Influences****Etch-A-Sketch**

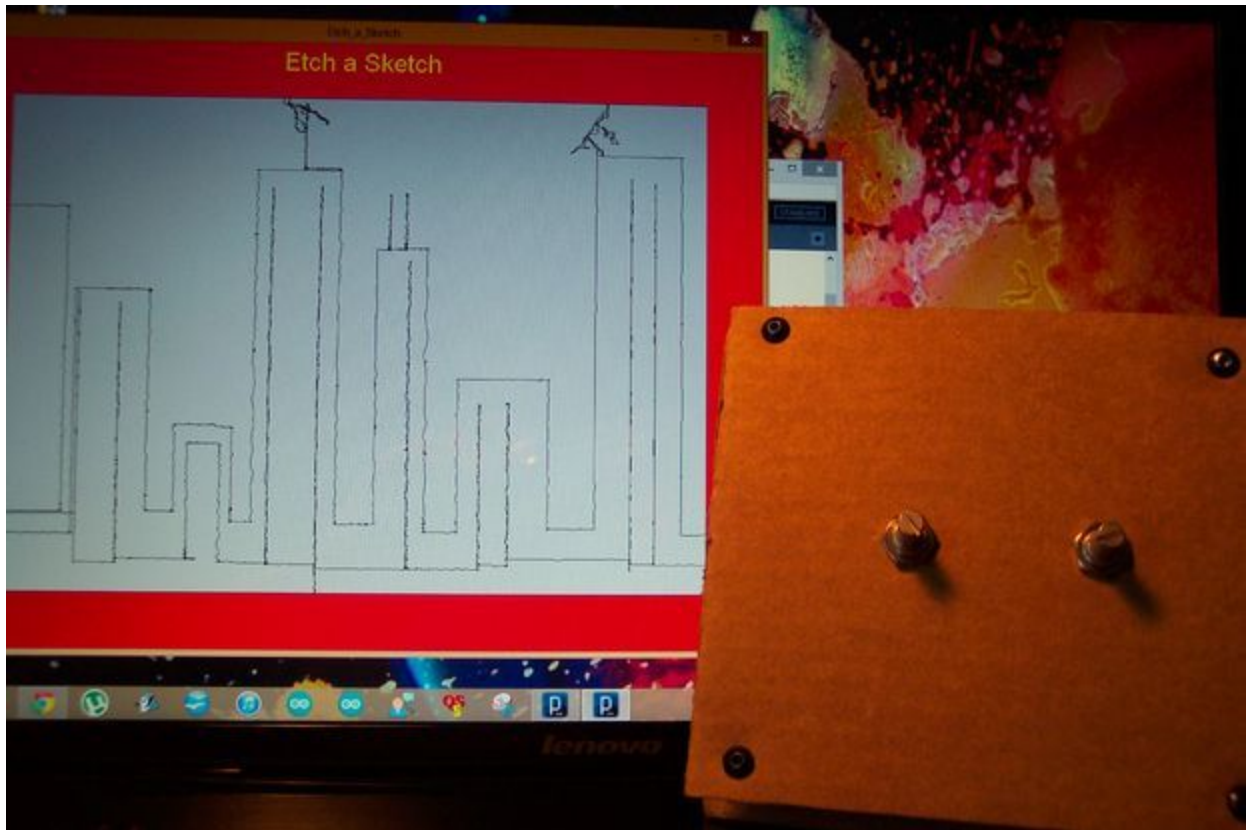
The original etch-a-sketch uses two knobs to control the movement of stylus that moves an aluminum powder away from the screen which draws a line using the darkness of the inside of the screen.

[https://en.wikipedia.org/wiki/Etch\\_A\\_Sketch](https://en.wikipedia.org/wiki/Etch_A_Sketch)

**The Animator**

This was a toy designed to allow kids to make animations with twelve frames which meant it allowed kids to save their drawings, however it failed because the process was too time consuming and difficult.

<https://techcrunch.com/2009/12/11/disappointing-gifts-the-etch-a-sketch-animator/>



### **Virtual Etch-a-Sketch**

This is an instructable where a person used potentiometers and an accelerometer to make an electronic etch a sketch using arduino and processing.

<http://www.instructables.com/id/Virtual-Etch-A-Sketch/>