

PROJECT #1 PROPOSAL

**Name(s): Justin M and Davey W**

**Project: Smart Mirror**

**Part A: Brainstorming...**

* **describe your project idea(s)A mirror that can tell essential info of your day like time and the weather**
* **List your learning objectives Coding,carpentry and maybe 3d printing**
* **State the goal(s) of your project to successfully make the mirror and possibly add artificial intelligence to the mirror to make it work a lot like alexas.**

**Part B: Electronic Resources…List active hyperlinks to any relevant online resources**

[**http://www.instructables.com/id/Raspberry-Pi-Smart-Mirror/**](http://www.instructables.com/id/Raspberry-Pi-Smart-Mirror/)

**Part C: Planning…**

* **Materials list [NOTE: if we do not have it, include link to purchase from Amazon.ca]**
* 1 x Low profile monitor (we used an old led display)
* 1 x 18" - 24" [Acrylic See-Through Mirror, 1mm](https://www.amazon.com/gp/product/B01CZ35XWY/ref=oh_aui_detailpage_o03_s00?ie=UTF8&psc=1)
* 12 ft - 1x2
* 12 ft - 1x3
* 1 x Wood glue
* Various screws
* [Brackets](https://hackaday.io/project/13466-raspberry-pi-smart-mirror/files)
* If you don't have access to a 3d printer, you can also use a few pieces of 1x2 to hold the monitor in place.
* Tools:
* - Wood saw
* - Miter box (45 deg angle cuts)
* Led light strips
* **Designs…Include any sketches/pictures and/or links to videos**
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