**Shopping list**

**Air quality sensor**

[BME688 4-in-1 Air Quality Breakout (Gas, Temperature, Pressure, Humidity) (pimoroni.com)](https://shop.pimoroni.com/products/bme688-breakout?variant=39336951709779)

We use this to test the quality of the air surrounding the Dream Catcher

**Screen**

[Waveshare 2inch LCD Display Module IPS Screen 240×320 Resolution Onboard driver ST7789 SPI Interface RGB, 262K Color with Examples for Raspberry Pi/Jetson Nano/Arduino/STM32 : Amazon.co.uk: Computers & Accessories](https://www.amazon.co.uk/Waveshare-Resolution-Interface-Examples-Raspberry/dp/B081Q79X2F/ref=sr_1_3?crid=3373LOYAEB2W5&keywords=waveshare+1.5%22+screen+raspberry+pi&qid=1701692919&sprefix=waveshare+1.5+screen+raspberry+pi%2Caps%2C82&sr=8-3)

We use the screen to display a picture to represent if the quality of the air is good or bad

**Sound level meter**

<https://pcbartists.com/product/i2c-decibel-sound-level-meter-module/>

We were going to use this to detect levels of sound coming from the surroundings in the room, to see if there were any disturbances during the night, but because of time, we didn’t get to use this although in the future we would hope to incorporate this into our project.

**Buttons**

[Gebildet 5pcs Prewired Waterproof Push Button Momentary Stainless Steel Push Button On Off 12mm 2A 12V/24V/125V/250V AC (Flat Head) : Amazon.co.uk: Business, Industry & Science](https://www.amazon.co.uk/dp/B0B8Z14K3T)

We used the buttons to activate the screen and the speaker to play sounds and show the pictures.

**Speaker**

<https://www.amazon.co.uk/KitSound-Rechargeable-Compatible-Smartphones-KSMBPU/dp/B008YU2P5Q/?th=1>

The speaker that we used to play sounds like wave noises to calm the user to help get to sleep.