

# Make your own vaccine!

## Ingredients

- Harmless 'virus': a few drops of food dye in water
- Residual traces/preservatives: red food dye
- Adjuvant: 1 part vinegar to 3 parts water
- Indicator solution: bring a pan of water containing half a red cabbage to the boil. Let cool and strain out the cabbage.



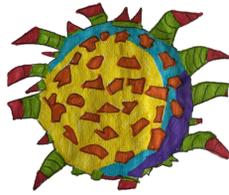
### What's in a vaccine?



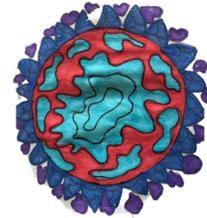
## Part 1: Pick a virus to make your vaccine against



Kras Virus



Livion-45 Virus



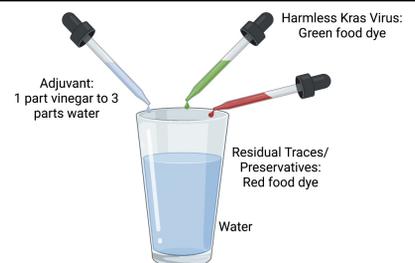
Vibrating Killer Earth Virus



Or make up your own virus - draw it and give it a name!

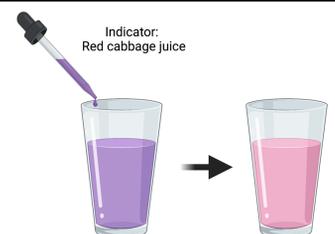
## Part 2: Into two small tubes add a small amount of the harmless form of the virus to the other ingredients

- Water : largest amount
- Residual traces/ preservatives – small amount
- Into one tube, also add a small amount of 'adjuvant'



## Part 3: Test whether the vaccine can work by adding the indicator solution.

- If the vaccine is protective, the indicator will turn from purple to pink!
- Does adding the adjuvant, make the vaccine protective?



**Make a poster to encourage people to get your vaccine**



A large, empty rectangular box with a black border, intended for creating a poster to encourage people to get their vaccine.