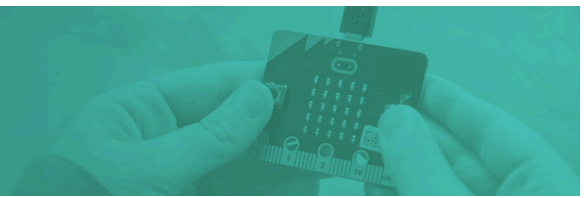


## TECH IN THE LAB

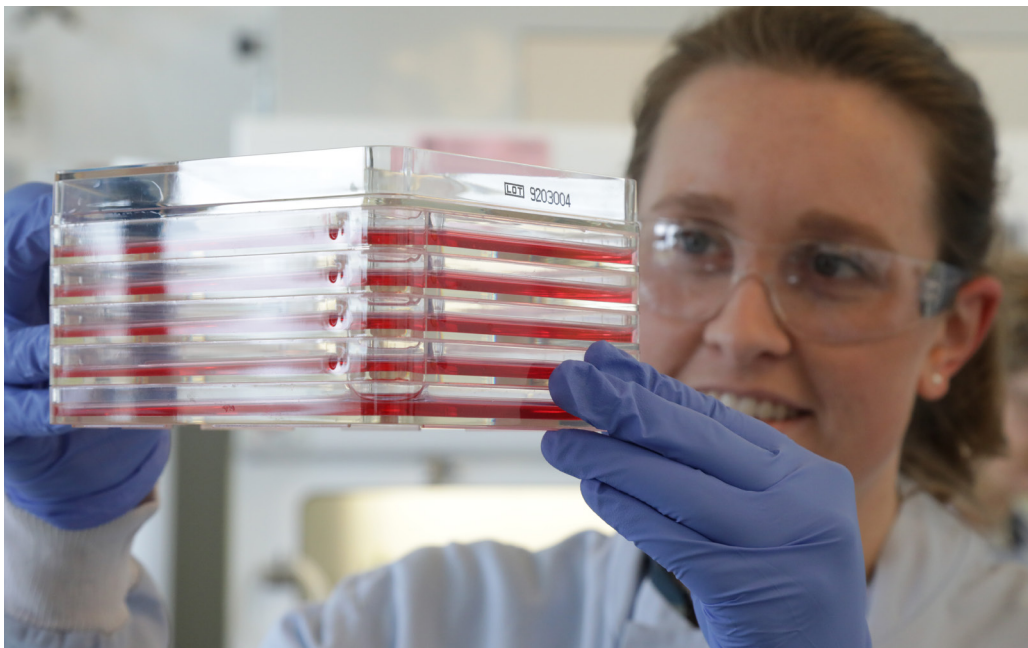
### Instructions - Flat Flask



In order to study different diseases, scientists often need to be able to look at and understand what is happening in different cells of the body. This means we need to grow the cells in the lab. Scientists use multi-layer flasks to grow cells, as there is more surface area than in an ordinary single layer flask. However, because each layer in the flask contains liquid to feed the cells, it is important that the flask remains completely flat. Otherwise, the liquid will drain out of the corner and the cells will dry out and die. If this happens the scientists would have to start the experiment all over again and that would be a big waste of money and time.

**Your task is to write code to alert a scientist if the flask is not completely flat, as this will drain liquid off the cells and kill them!**

**Flat Flask tutorial:** [makecode.microbit.org/#tutorial:94432-19362-31037-86040](https://makecode.microbit.org/#tutorial:94432-19362-31037-86040)



A scientist growing cells in the lab using a multi-layer flask.