

# Simulating a Pandemic with Scratch

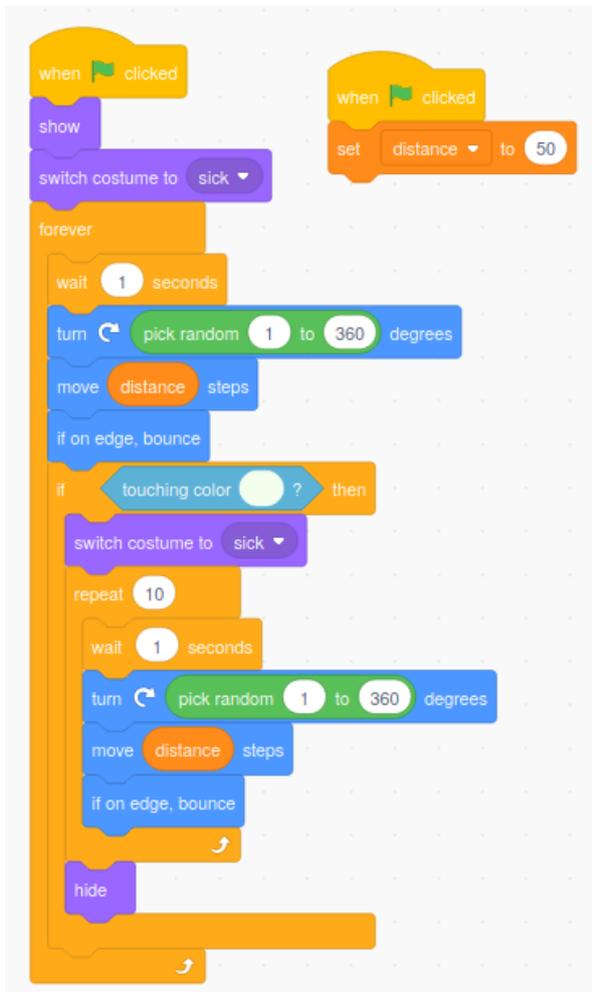
Dr Hilary Weller <h.weller@reading.ac.uk>

4 May 2020

- Please email the code club group on [codeClub0@googlegroups.com](mailto:codeClub0@googlegroups.com). I need feedback on how people are getting on and if I should carry on making these videos and exercises.
- Please share your code on the “Caversham Primary School” Scratch studio. Also have a look at what others have shared.
- Everything we have done so far at code club is at [www.met.reading.ac.uk/~sws02hs/teaching/codeclub/](http://www.met.reading.ac.uk/~sws02hs/teaching/codeclub/)

This week we will be writing code to simulate a pandemic. There is a video to watch: <https://youtu.be/BV3AFcQjd5o>

and here is some Scratch code you can start from:



## Challenges

1. Try different distances that people move around. Does this affect the spread of the virus?
2. In the code written in the video, the sick person appears at the start. Can you make the sick person only appear after 5 seconds?
3. At the moment, everyone who catches the virus dies. Can you make some people recover?
4. Instead of moving around at random, can you make people move at random and then go back home?

## Getting help

Share your code and email [codeClub0@googlegroups.com](mailto:codeClub0@googlegroups.com) with a link to your code and say what you are trying to do.