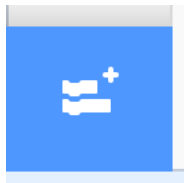


## Scratch Activities - Notes for Mentors

Scratch can be accessed online at <https://scratch.mit.edu/> and suggest that we recommend people use the online version. They will need to create an account to save their projects, so worth getting them to do this.

There is also a desktop version <https://scratch.mit.edu/download> Make sure they are using the Scratch 3 version of this. The default download is Scratch 3 but if they have a version already installed, it may be Scratch 2.

All the projects use the Pen extension which you need to install – it's just a couple of clicks, just go to this icon at the bottom left.



### Pen Activities

See separate sheet for notes on some intro activities to using the Pen in Scratch. Hopefully these will be accessible to Ninjas new to Scratch with a bit of hand-holding, but possibly worth doing with all the Ninjas. I've deliberate not used variables or blocks with these, but feel free to introduce them to anybody you think can handle them!

### Flower Generator

This uses the Pen again to make flowers and uses blocks.

<https://projects.raspberrypi.org/en/projects/flower-generator>

### Intermediate Scratch Sushi Cards

This uses the Pen to make some nice spiral patterns and has several variables in it. I think I did notice one mistake where they used a Scratch 2 'clear' block instead of a Scratch 3 'erase all' block.

<https://projects.raspberrypi.org/en/projects/cd-intermediate-scratch-sushi>

### Scratch Challenges

See separate sheet. Suggest that you keep these aside just in case anybody whizzes through all the other activities!