

# Wycheproof Resource Centre

## Code Club

### Doing activities at home

<http://www.teddywaddy.com.au/codeclub.html>

# Doing activities at home

If you want to you can do the activities again at home or show your friends and family.

All the activities and booklets are available from the Code Club bookmarks webpage.

<http://www.teddywaddy.com.au/codeclub.html>

From there you can click on the activity name to start the activity or click on the book icon to bring up the activity instructions booklet.

Click on the activity name to get started

Click on the book icon name to see the instructions

[Activity2d - Shark attack](#) 

# Doing activities at home

A summary of what you need to do for each type is given below.

Activity 1 You don't need to do any setup to be able to complete these activities. But you need to sign up to Scratch if you want to save your work. There is no cost for this.

Activity 2 You don't need to do any setup to be able to complete these activities. But you need to sign up to trinket.io if you want to save your work. There is no cost for this.

Activity 3 These activities involve the Arduino hardware so you need the actual hardware as well as the Arduino software installed on your computer.

Activity 4 Some of these can be done with trinket.io but as you progress you may need to install VS Code on your computer.

You might need help from someone at home, at school or at the Code Club to assist with these tasks.

# How to Sign up to trinket.io

Go to trinket.io

Click on Sign Up



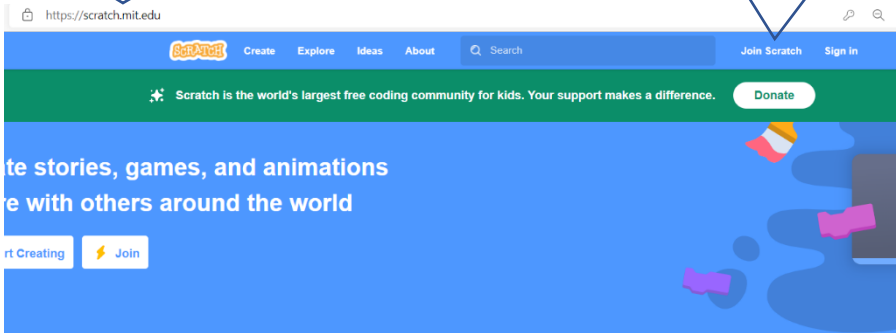
The screenshot shows the trinket.io website in a browser. The main banner features the trinket logo (a yellow key on a green circle) and the text "trinket Code is Your Canvas". Below the banner is a green button that says "Sign Up For Your Free Account". Underneath the banner, there is a section titled "Share Code from any Device" with the following text: "Trinket lets you run and write code in any browser, on any device. Trinkets work instantly, with no need to log in, download plugins, or install software. Easily share or embed the code with your changes when you're done." Below this text is a small image of a Trinket code editor interface, showing a file named "main.py" and "shapes.py" with a "Remix" button.

You will need an email address to complete the sign up.

# How to sign up to Scratch

Go to [scratch.mit.edu](https://scratch.mit.edu)

Click on [Join Scratch](#)



# How to install VS Code

Go to [code.visualstudio.com](https://code.visualstudio.com)

Download the installer

After download, run the installer

<https://code.visualstudio.com>

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EXTENSIONS: MARKETPLACE

@sort:installs

- Python** 2019.6.24221 54.9M ★ 4.5  
Linting, Debugging (multi-threaded, ...  
Microsoft [Install](#)
- GitLens — Git sup...** 9.8.5 23.1M ★ 5  
Supercharge the Git capabilities built...  
Eric Amodio [Install](#)
- C/C++** 0.24.0 23M ★ 3.5  
C/C++ IntelliSense, debugging, and ...  
Microsoft [Install](#)
- ESLint** 1.9.0 21.9M ★ 4.5  
Integrates ESLint JavaScript into VS ...