

(Beta) (Beta) Teaching Turtles — Notes for Club Leaders

Introduction:

This project teaches functions and parameter passing, by creating and using functions to draw customisable shapes and patterns.

Resources

For this project, Python will need to be installed. It is recommended that version 3.2 of Python is installed.

Children can also make use of the materials which accompany these challenges. Files included in this project's Resources folder (found under the 'Download Project Materials' link):

SKY.PY		Sky.py
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Make sure that each child has read and write access to their own copy of these resources.

You can find a completed version of this project's challenges by clicking the 'Download Project Materials' link for this project, which contains:

Clouds.py

☐ Functions and the	def	keyword;
Passing parameters	s to	functions;
Additional turtle fur	nctic	ns.

Challenges

☐ More functions - defining and calling functions;
igspace Drawing planets - defining and calling parameterised functions
☐ Functions everywhere! - using functions to draw images.

Frequently Asked Questions

Depending on where the file is saved, naming a program 'turtle.py' can
cuase problems, as it clashes with the turtle module, which is also called
'turtle.py'.
There can sometimes be problems when trying to close the turtle drawing
canvas. The line done() at the end of each program should help, but if the
window freezes you can close the shell window, which should terminate the
program.

These projects are for use inside the UK only. All Code Clubs **must** be registered. You can check registered clubs on the map at www.codeclub.org.uk.

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