**Pi2Go Programming: Set Up**

The Pi2Go Robot is quite temperamental and unfortunately a significant number of these robots do not function correctly when setup (typically one of the wheel motors switches on by itself and won't subsequently respond to programming commands). However they are less power hungry than the Initio (they will work using non-rechargeable batteries but the only rechargeable batteries we have found that can power them reliably are the Eneloop Pro) and have a wider range of functionality such as LEDs, light sensors and a switch.

**Python 3**

Our resources assume the use of Python 3, but the Pi2Go ships using Python 2.

To convert a Pi2Go robot to work with Python 3 start up the Raspberry Pi. Open a Terminal and then type:

$ cd pi2go

Followed by

$ 2to3 -w \*.py

We recommend adding the line export PYTHONPATH=$PYTHONPATH:~/pi2go to the robot's **.bashrc** file.

#### Part 4: Objects

Part 4 of the worksheets which introduce objects and classes uses some additional support code. If you are going to use part four you should copy bdi.zip from our website or USB stick and unzip it in the **pi2go** folder.



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