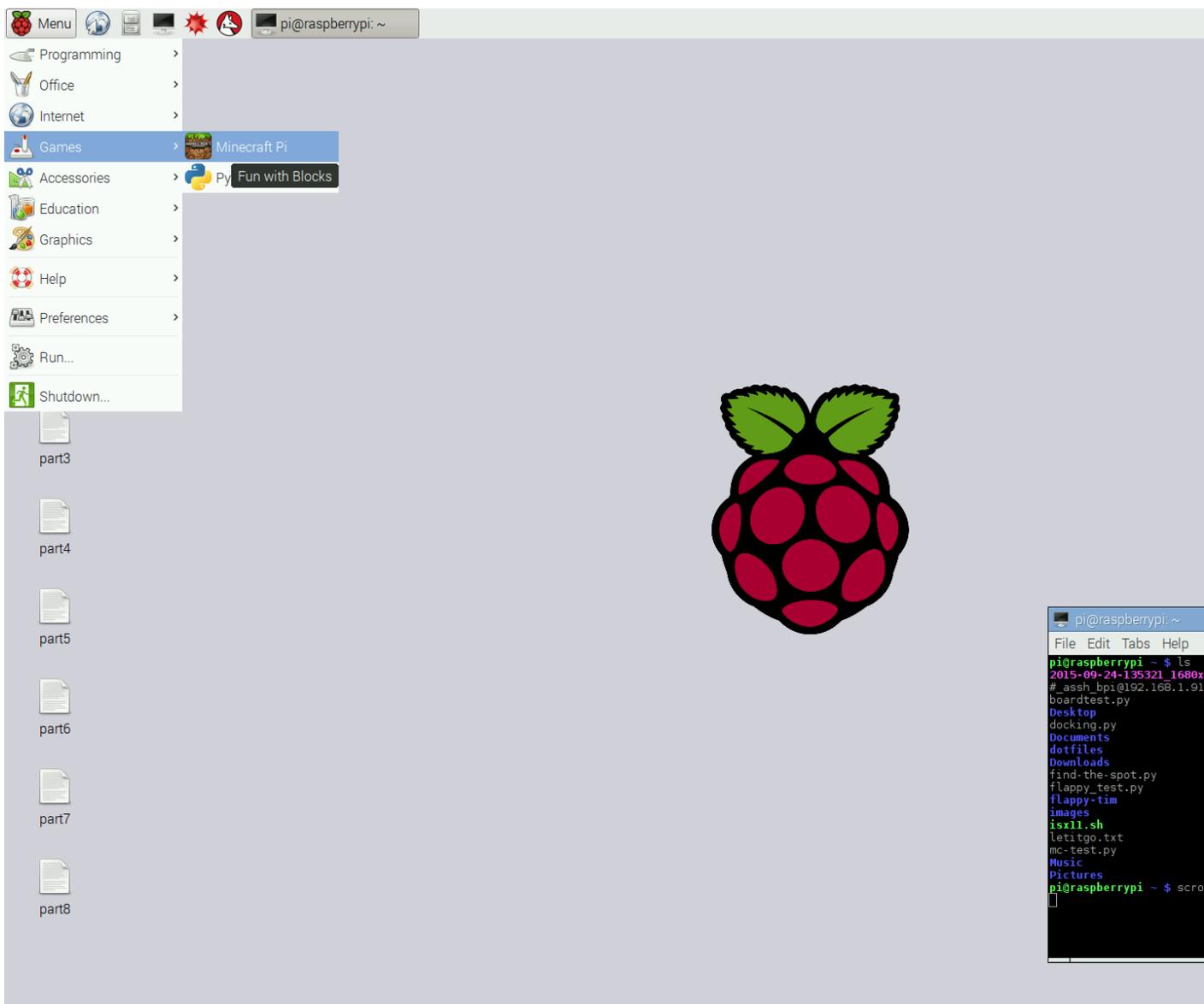


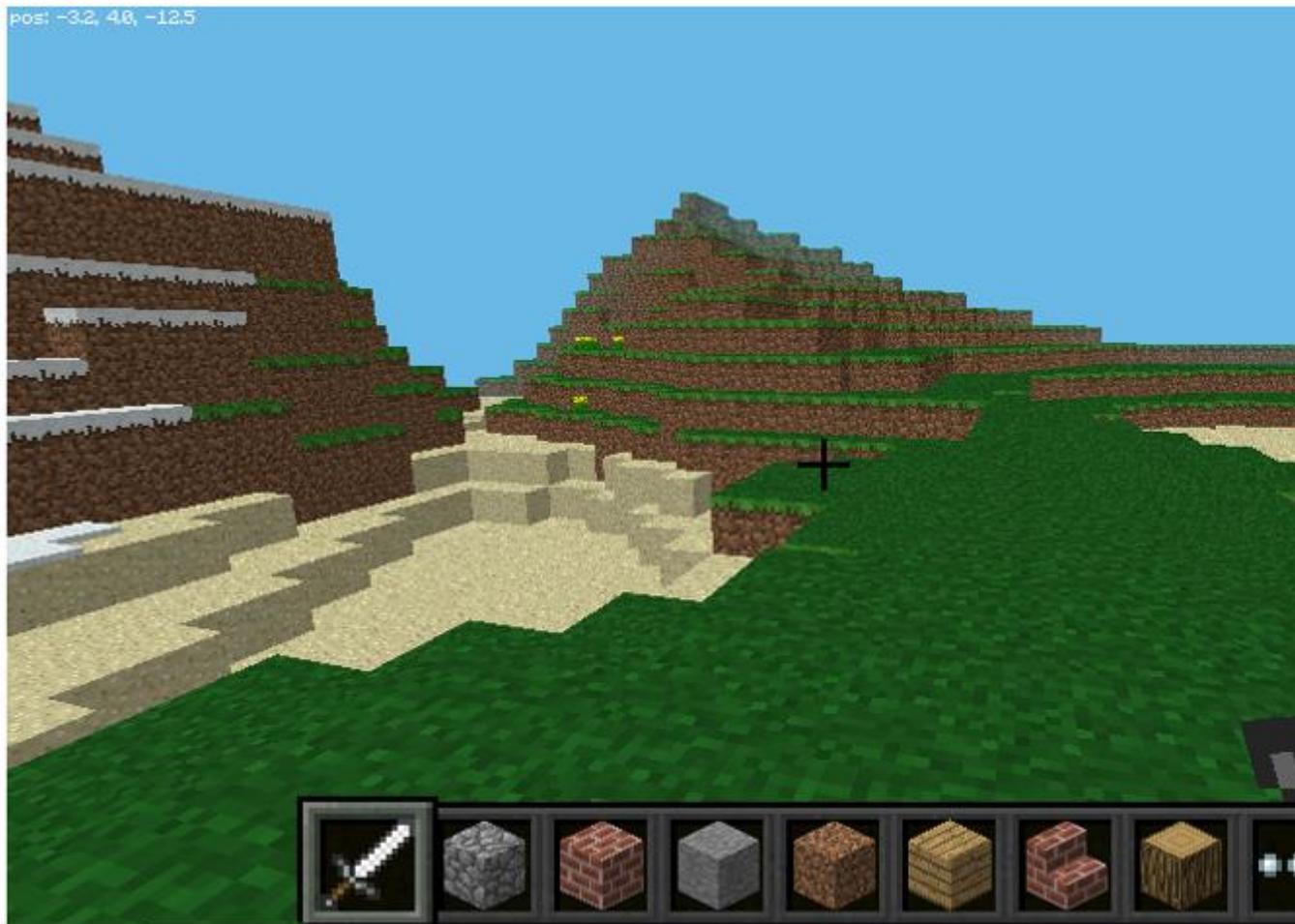


## Run Minecraft!

To run Minecraft Pi, open it from the desktop menu or type `minecraft-pi` in the terminal.



When Minecraft Pi has loaded, click on **Start Game**, followed by **Create new**. You'll notice that the containing window is offset slightly. This means to drag the window around you have to grab the title bar behind the Minecraft window.



You are now in a game of Minecraft! Go walk around, hack things, and build things!

Use the mouse to look around and use the following keys on the keyboard:

<b>Key</b>	<b>Action</b>
W	Forward

Key	Action
A	Left
S	Backward
D	Right
E	Inventory
Space	Jump
Double Space	Fly / Fall
Esc	Pause / Game menu
Tab	Release mouse cursor

You can select an item from the quick draw panel with the mouse's scroll wheel (or use the numbers on your keyboard), or press E and select something from the inventory.



You can also double tap the space bar to fly into the air. You'll stop flying when you release the space bar, and if you double tap it again you'll fall back to the ground.



With the sword in your hand, you can click on blocks in front of you to remove them (or to dig). With a block in your hand, you can use right click to place that block in front of you, or left click to remove a block.

## Use the Python programming interface

With Minecraft running, and the world created, bring your focus away from the game by pressing the `Tab` key, which will free your mouse. Open Python 3 from the application menu and move the windows so they're side-by-side.

You can either type commands directly into the Python window or create a file so you can save your code and run it again another time.

Start by *importing the Minecraft library*, creating a connection to the game and testing it by posting the message "Hello world" to the screen:

```
from mcpi.minecraft import Minecraft
```

```
mc = Minecraft.create()
```

```
mc.postToChat("Hello world")
```

