

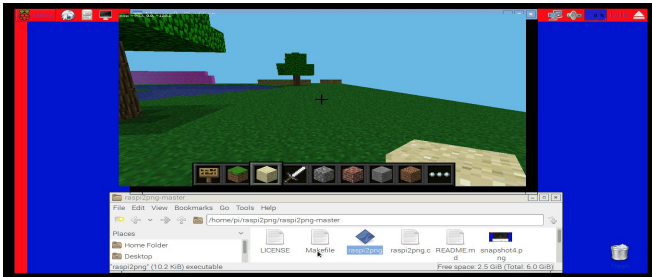
# STEM8 - Raspberry Pi - Minecraft Instructable Template

Introduction: How to Build Sand Operated Doorway, if you read our instructable, you will be able to make an escape door by destroying just one block of sand.

Parts/Resource List: Minecraft, sand, signs, open field

Step Number: 1

Step Title: Find a good open field



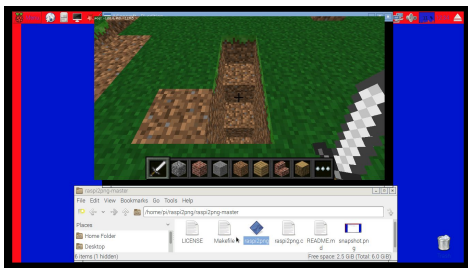
Description of Step: For this build, you will need to find a large open field so you can dig down.

Screenshot(s):

Step Number: 2

Step Title: Digging a Deep enough tunnel

Screenshot(s):

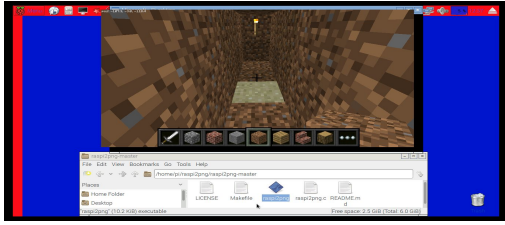


Description of Step: You will need to dig a deep staircase about three blocks down.

Step Number: 3

Step Title: Dig four blocks forward

# STEM8 - Raspberry Pi - Minecraft Instructable Template

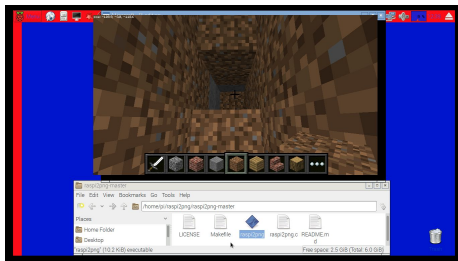


Screenshot(s):

Description of Step: You will need to dig four blocks forward. This is where the door will be.

Step Number: 4

Step Title: Dig down three blocks



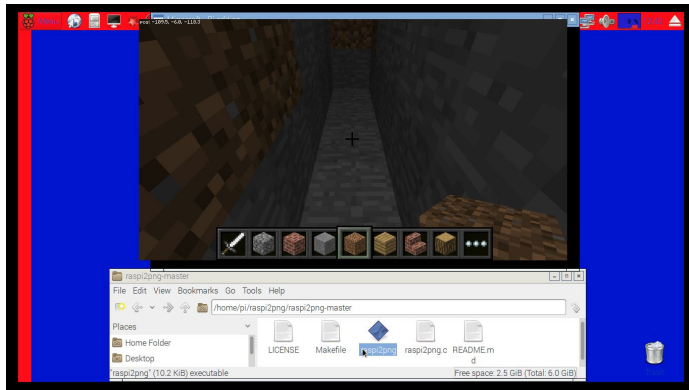
Screenshot(s):

Description of Step: Go to the second block to the right, then dig down three blocks. You will need to place the sand here.

Step Number: 5

Step Title: Creating the sign tunnel

Screenshot(s):



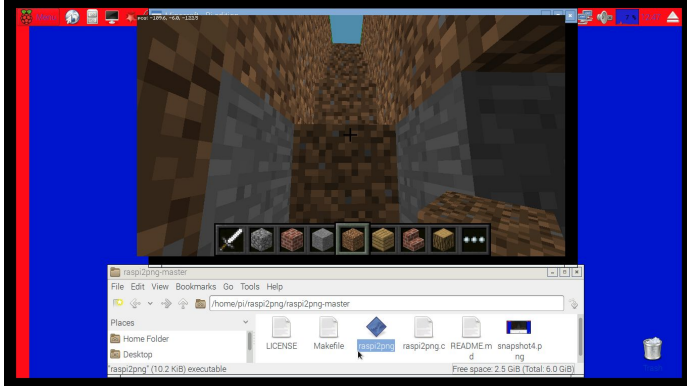
Description of Step: Turn right 90 degrees and dig forward four blocks.

Step Number: 6

Step Title: Making a staircase

# STEM8 - Raspberry Pi - Minecraft Instructable Template

## Screenshot(s):

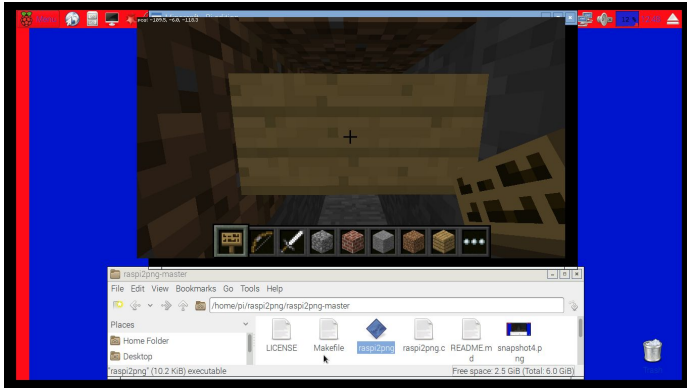


Description of Step: Go to the end of the tunnel and build a staircase up to the ground surface.

Step Number: 7

Step Title: Using the signs

## Screenshot(s):

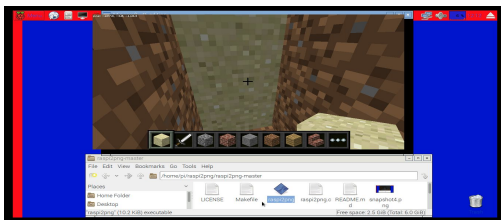


Description of Step: Place signs on top of each other in a line in the tunnel you dug until you have reached the end of the tunnel.

Step Number: 8

Step Title: Using the sand

## Screenshot(s):



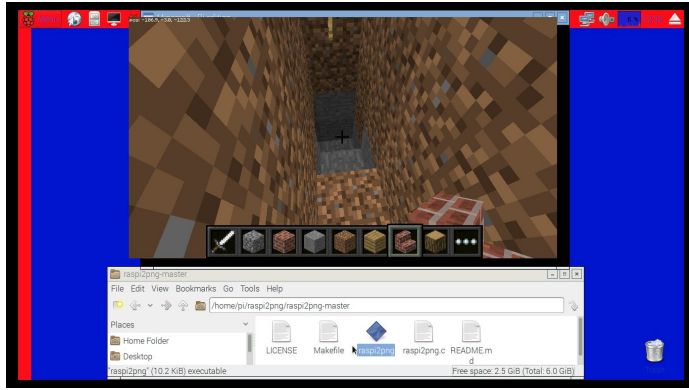
Description of Step: Place sand on top of the sign, all the way to the top of the ceiling

Step Number: 9

Step Title: Making the door

# STEM8 - Raspberry Pi - Minecraft Instructable Template

## Screenshot(s):

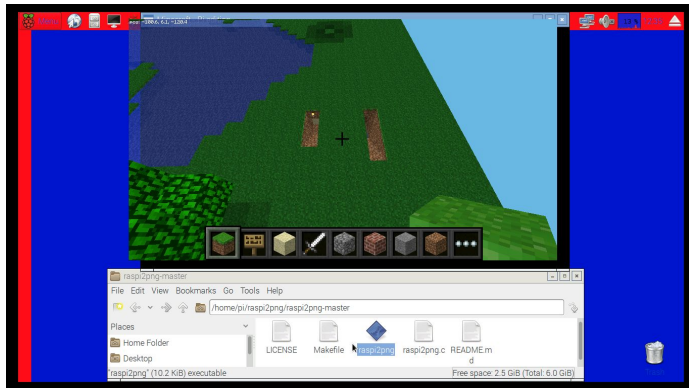


Description of Step: Go over to the other hole where you can see the signs, break the end sign

Step Number: 10

Step Title: You Made Your Door!

## Screenshot(s):



Description of Step: Sand should be at ground level and should see a clear path for your tunnel