

STEM8 - Raspberry Pi - Minecraft Instructable Template

Introduction: Need a secure place to live, store your valuable items, a base for your faction, our protect your territory? Well this large fortified outpost is sure to protect you and your kingdom. It's nearly almost but not quite griever proof, it's fire proof, but weak against explosions (ghast resistant)

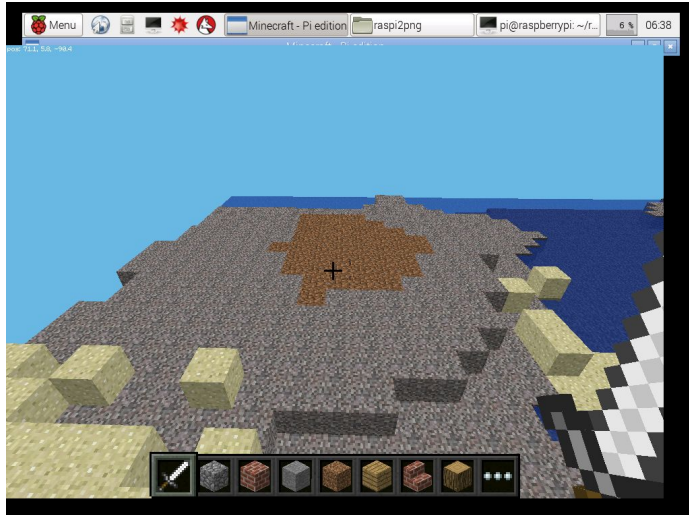
Parts/Resource List:

- Raspberry Pi Accessories (Raspberry Pi, Monitor, etc.)
- Raspbian
- Minecraft Pi (Minecraft on Raspberry Pi)
- In Game Blocks
 - Yellow Wool
 - Red Wool
 - Stone Blocks
 - Ladder
 - Wooden Door
 - Torches
 - Trap Doors

Step Number: 1

Step Title: Space Clearing

Screenshot(s):



Description of Step:

find a flat, empty 18 x 18 x 25 space to build the fortress, clear a space if you have to. It is a 3 dimensional object (25 is the height.)

Step Number: 2

Step Title: Tower Outline and flooring

Screenshot(s):



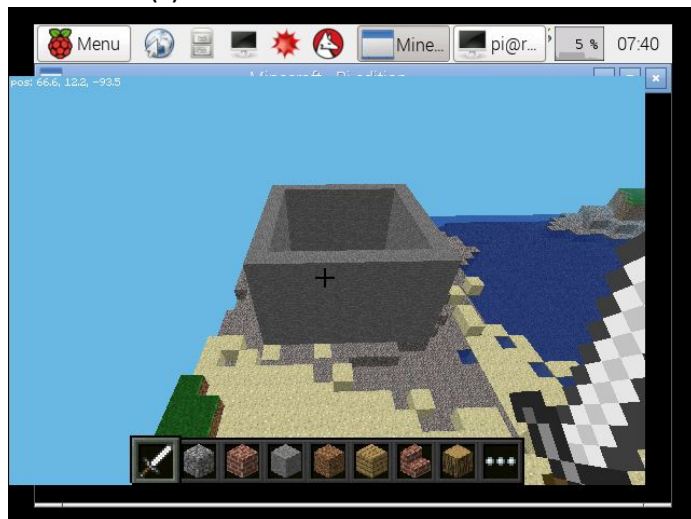
Description of Step:

dig out a 8 x 8 hole that is one block deep. In that hole, create a cross of yellow wool 3 blocks from the 4x4 center. Fill the rest of the square with red wool and place stone blocks around the edges. The outline should be 10 blocks wide on each side.

Step Number: 3

Step Title: Walls

Screenshot(s):



Description of Step:

Build up the walls of the tower to be total of 6 stone blocks tall.

Step Number: 4

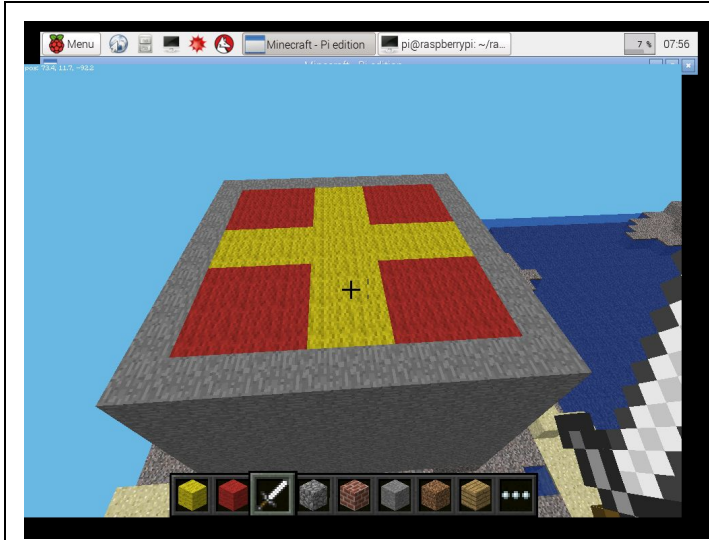
Step Title: 1st Story Ceiling

Screenshot(s):

Description of Step:

for the ceiling, build up one more block of stone then use the same wool pattern used for the floor on the first floor.

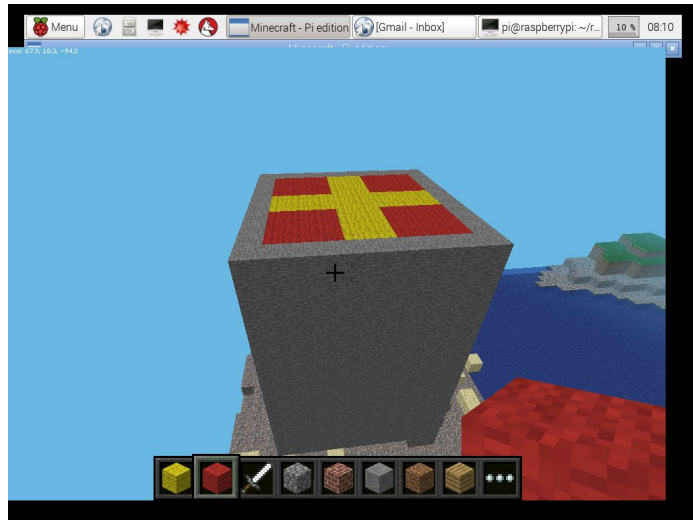
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Step Number: 5

Step Title: 2nd story

Screenshot(s):



Description of Step:

Repeat step two and three once.

Step Number: 6

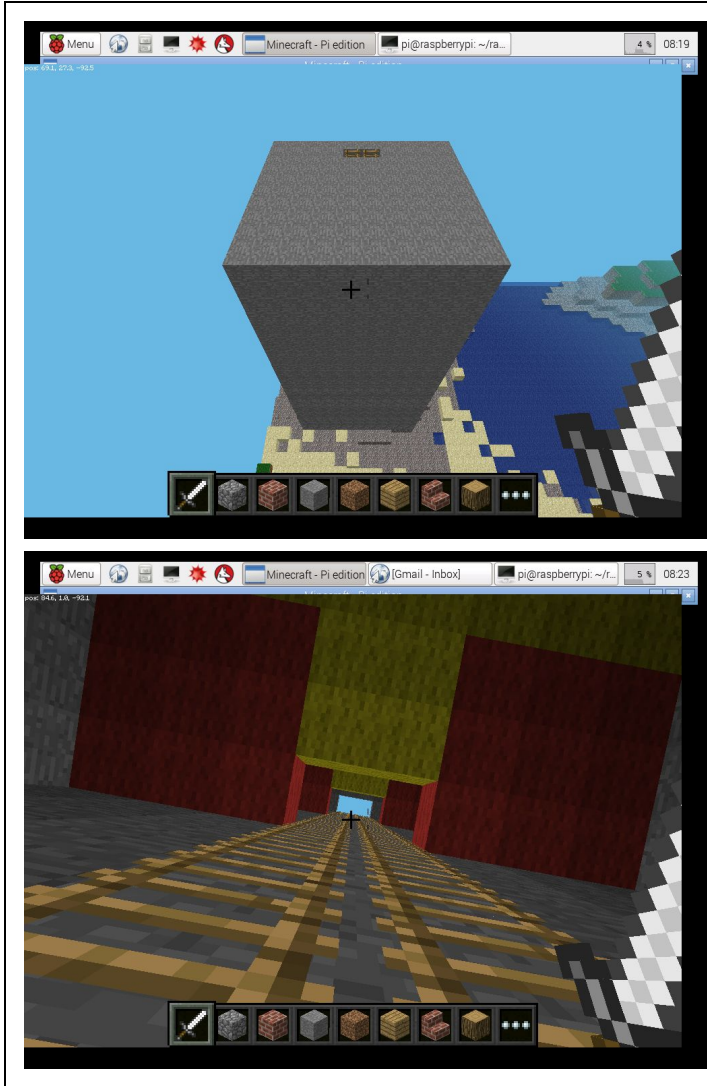
Step Title: 3rd Story

Screenshot(s):

Description of Step:

Build up six blocks one more time, this time make sure you use stone blocks to create the roof. Now dig a 1 x 2 block hole opposite of where the door will be, it must be one block away from the edge and must be centered. Place a ladder chain going down to traverse (change) the floors.

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Step Number: 7

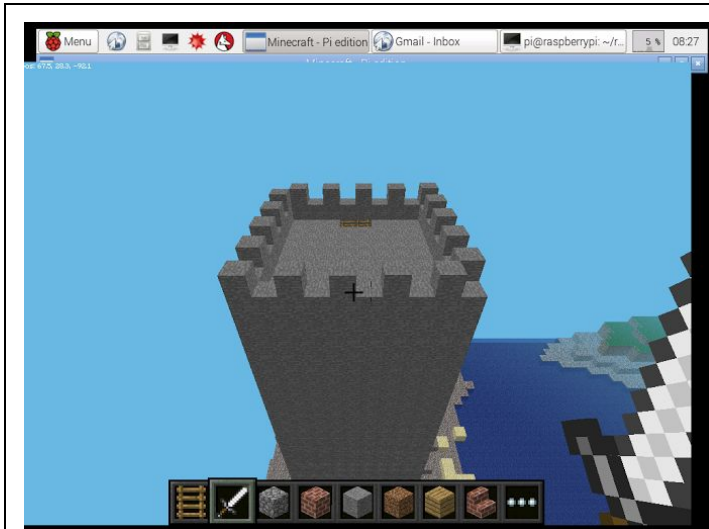
Step Title: Roof Spikes

Screenshot(s):

Description of Step:

Along the outer edge of the top of the tower create a one block tall spike and a two block tall spike next to it. repeat this step until the entire top rim of the tower is covered in spikes.

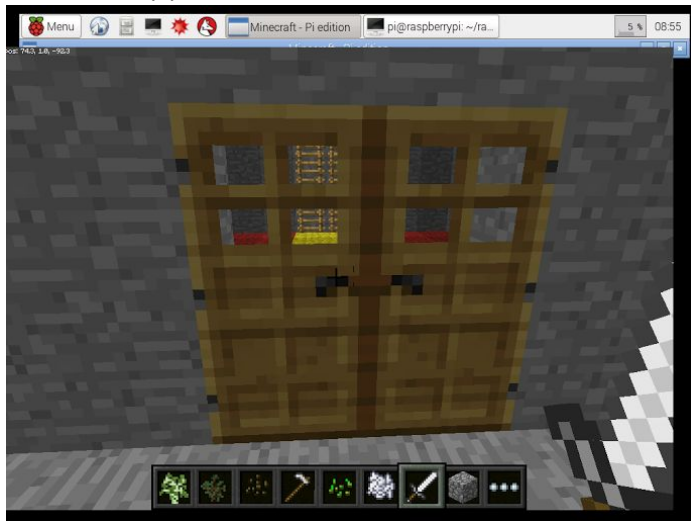
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Step Number: 8

Step Title: Door

Screenshot(s):



Description of Step:

On the bottom floor, in the center of one of the walls clear a 2x2 space and fill that space with two doors

Step Number: 9

Step Title: Castle Ramparts

Screenshot(s):

Description of Step:

Move 3 blocks away from the tower and build a wall 10 blocks tall and 16 blocks wide. Do this on each side and the rampart wall should at all times be 2-3 blocks away from the tower. On every other block on the top of the ramparts create a 1 block tall spike if you want them. We made ours 2 blocks away because the fortress was in the corner of the world.

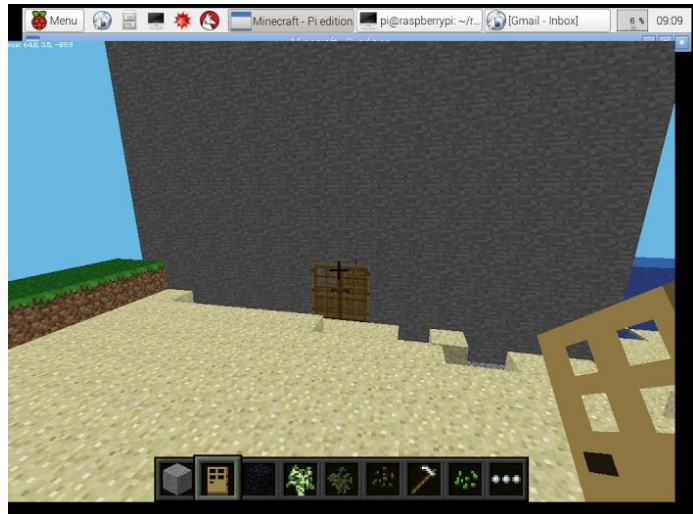
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Step Number: 10

Step Title: Main Gate

Screenshot(s):



Description of Step:

Directly across from the tower doors mine a 2x2 block space in the rampart and fill the hole with doors.

Step Number: 11

Step Title: Lighting

Screenshot(s):

Description of Step:

Inside the fortress tower place torches wherever you think light is necessary. We just put 8 torches one block above the edges of the yellow cross and one torch 3 blocks upon the edges of the yellow cross on each floor.

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