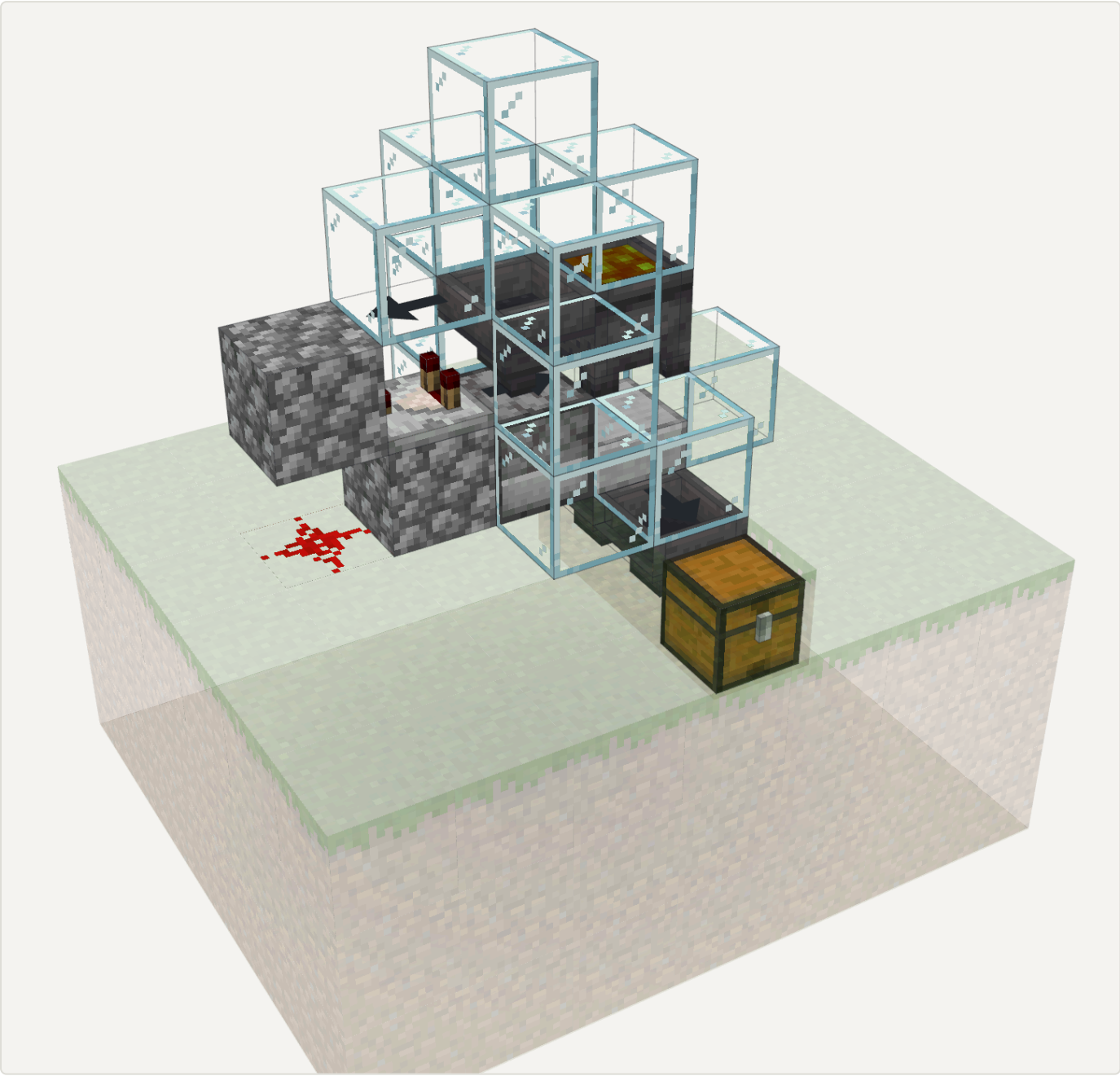
BUILD GUIDE · TECHNICAL ASSEMBLY MANUAL

Automatic Chicken Farm

Minecraft 26.3 · Blocksworth Tests, Build #5



23 blocks + 1 lava bucket **8 steps** **10 different parts**

12× Glass

2× Cobblestone

1× Cauldron

1× Chest

1× Smooth Stone Slab

3× Hopper

1× Dispenser

1× Redstone Comparator

1× Redstone Dust

1× Lava Bucket

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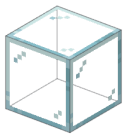
Inventory

Everything you need: 23 blocks + 1 lava bucket

BLOCKS

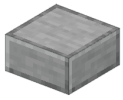


12×
Glass

2×
Cobblestone

1×
Cauldron

1×
Chest

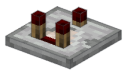


1×
Smooth Stone Slab

REDSTONE

3×
Hopper

1×
Dispenser



1×
Redstone Comparator

1×
Redstone Dust

ITEMS

1×
Lava Bucket

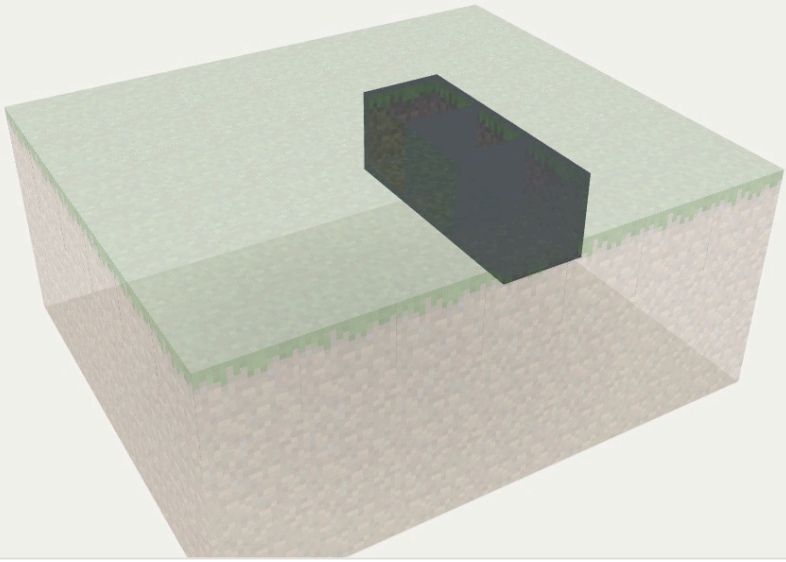
1

Cells to remove are outlined

3×
Dig out

Dig 3 holes in a row

1 deep, one behind the other, pointing toward where you will stand.



2

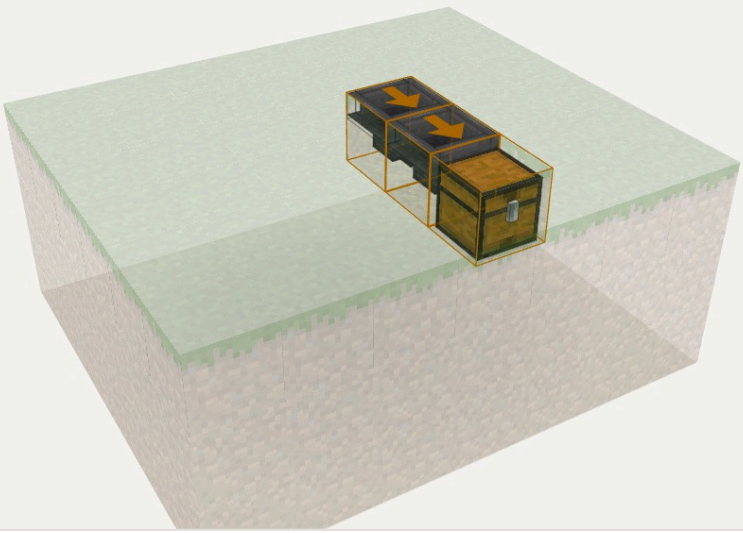
New blocks are outlined

1×
Chest

2×
Hopper

Chest in front, 2 hoppers

The chest goes in the front hole. Both hoppers point toward the chest. The chest keeps open air above it, so you can open it from the top.



3

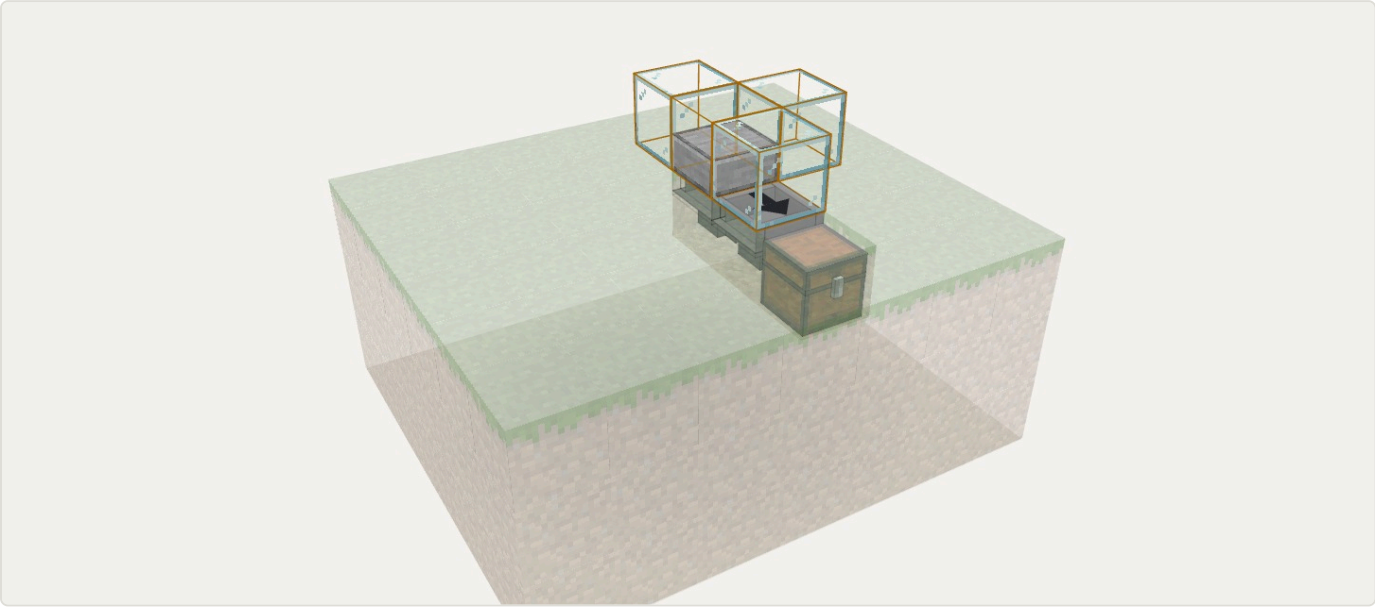
New blocks are outlined

1×
Smooth Stone Slab

3×
Glass

Slab on the back hopper, 3 glass

A bottom slab: it lifts the chickens just enough. Any slab works; the hopper below pulls items through it. Glass on three sides; the fourth side is the dispenser.



4

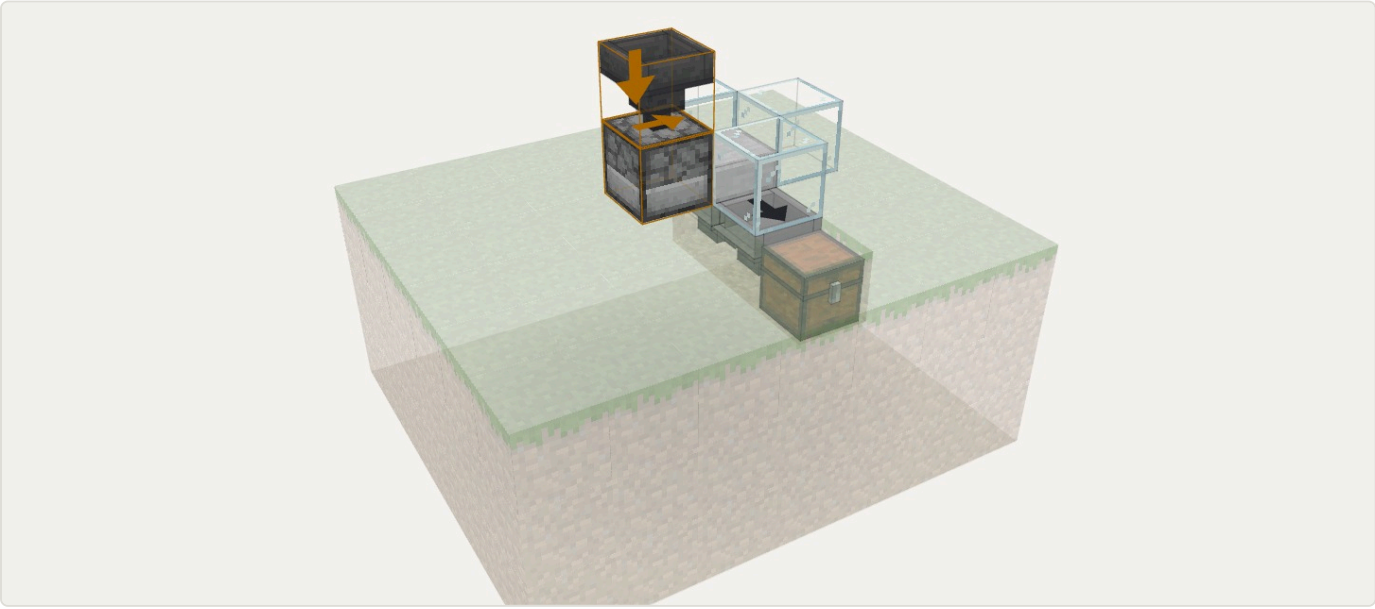
New blocks are outlined

1×
Dispenser

1×
Hopper

Dispenser facing the slab, hopper on top

The dispenser's face points at the slab. The hopper on top of it points down into it: the chickens will stand in this hopper.



5

New blocks are outlined

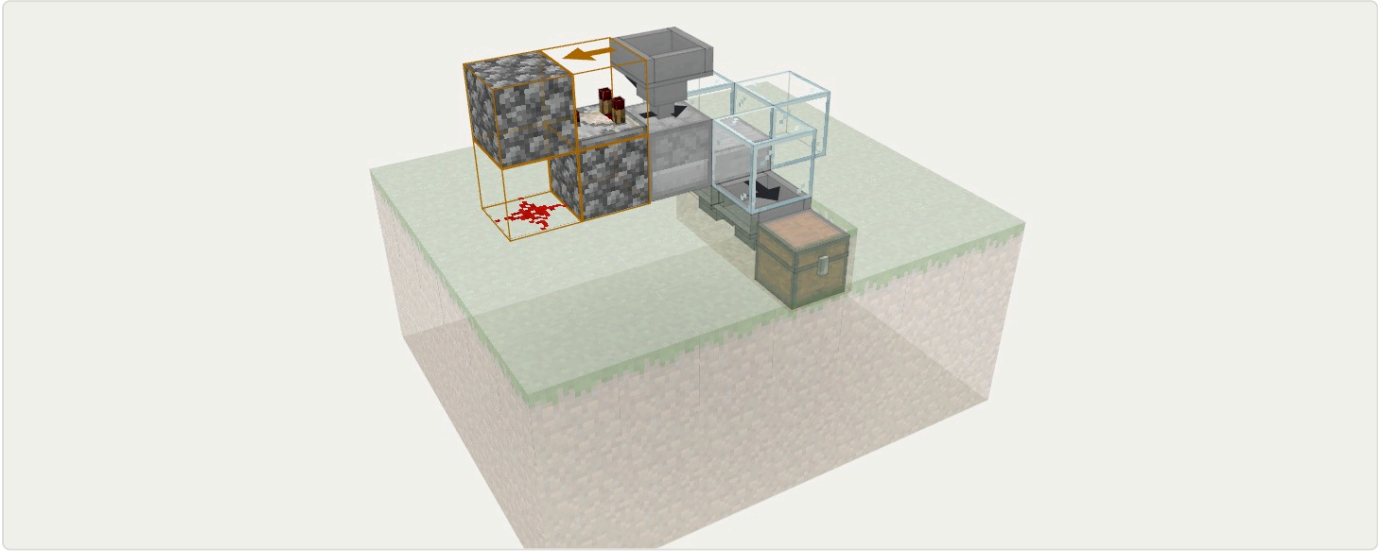
2×
Cobblestone

1×
Redstone Comparator

1×
Redstone Dust

Block, comparator, dust, block

A block beside the dispenser. On it a comparator that reads the top hopper (its arrow points away from the hopper). One redstone dust on the ground on the far side of that block, and a block over the dust, right in front of the comparator.



6

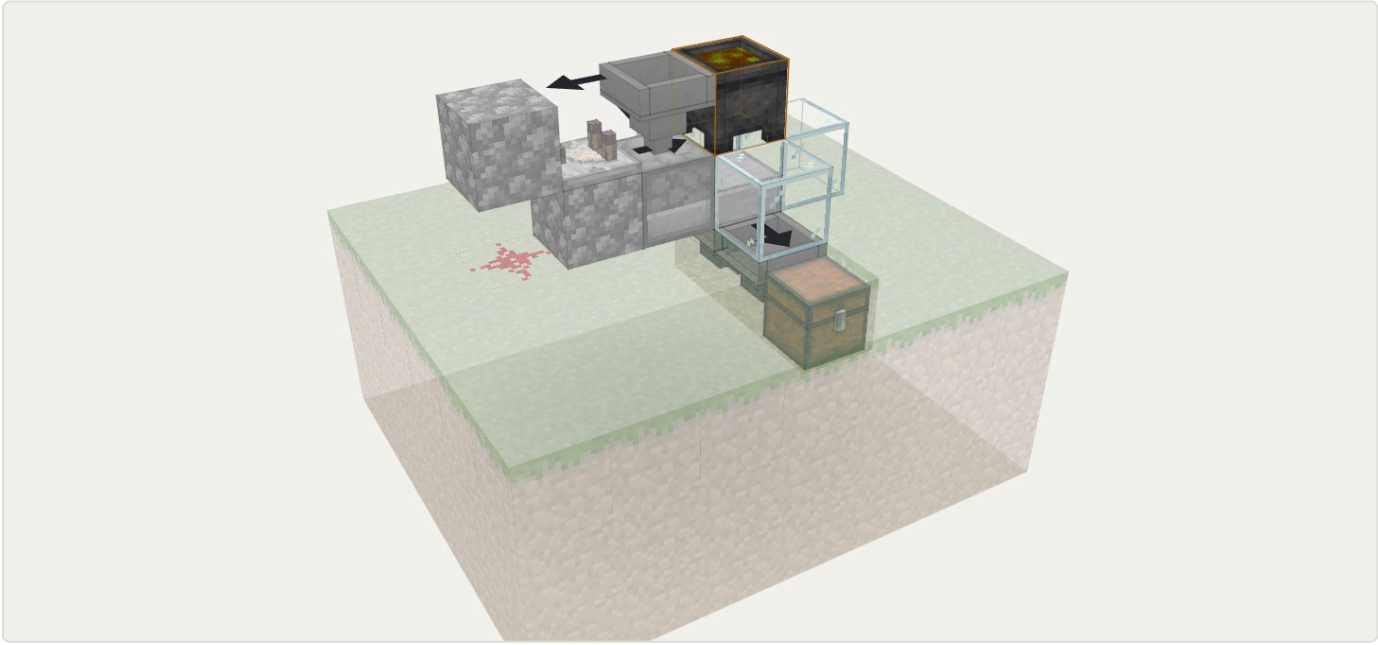
New blocks are outlined

1×
Cauldron

1×
Lava Bucket

Cauldron over the slab, lava in it

Right on top of the slab's block, next to the top hopper. Fill it with a lava bucket.



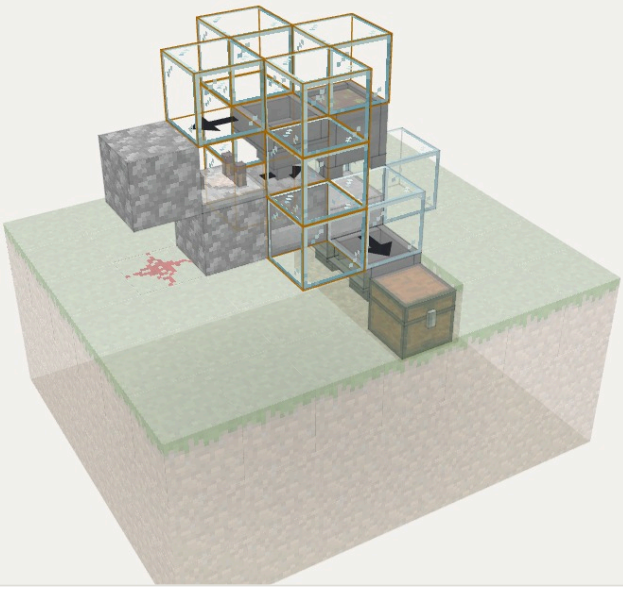
7

New blocks are outlined

8×
Glass

Glass around the top hopper

A 1×1 pen on the top hopper: a column of 3 glass in front and behind, one glass on each side above the comparator and the cauldron.



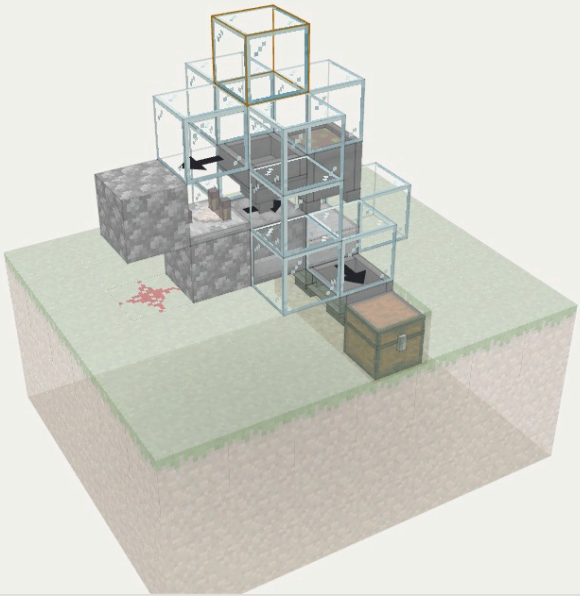
8

New blocks are outlined

1×
Glass

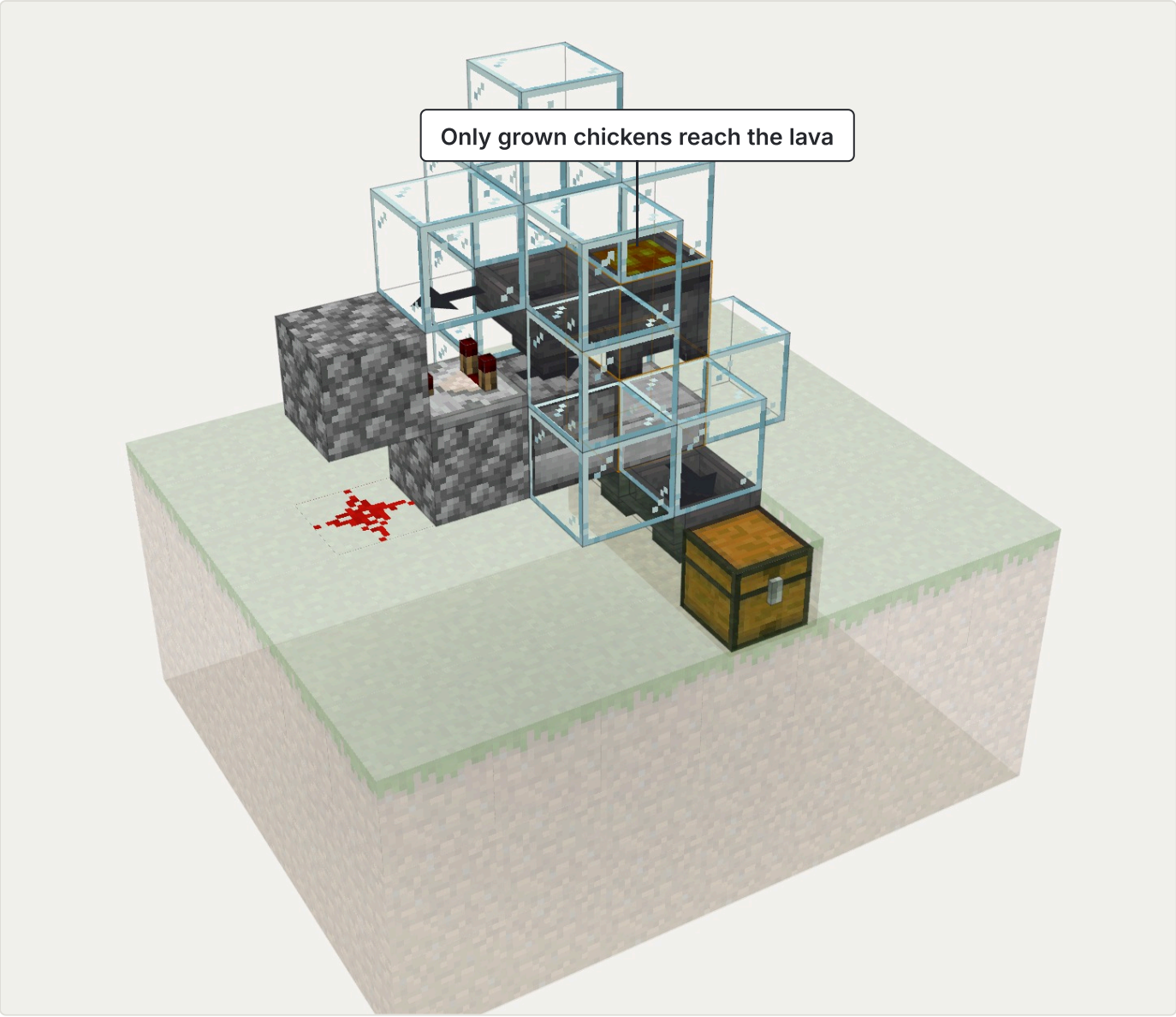
20 chickens, then the roof

Throw eggs into the pen until you have 20 chickens (about 160 eggs, 1 in 8 hatches; at most 24, a 25th gets crushed). Chicks lay no eggs: wait 20 minutes until they are grown. Then put the glass roof on.



Finished!

Why it cooks



The chickens in the top hopper lay an egg every 5 to 10 minutes. Each egg makes the comparator light up for a moment; the block in front of it powers the dust under it, the dust powers the block next to the dispenser, and the dispenser throws one egg onto the slab (spare eggs slowly collect in it, about 2 an hour: take them out now and then, a full dispenser stops the farm). 1 egg in 8 hatches. A chick is 0.4 blocks tall and stays under the cauldron; 20 minutes later it is grown, 0.7 tall, its head touches the lava and it drops cooked chicken and feathers. The back hopper pulls them through the slab, the front hopper carries them to the chest. Tested in Java 26.3 with 20 chickens: first cooked chicken after about 40 minutes, then about 21 an hour (63 in 3 hours on our set). At most 24 chickens: a 25th gets crushed. On a Paper or Spigot server, stay within 32 blocks or the chickens barely lay.

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