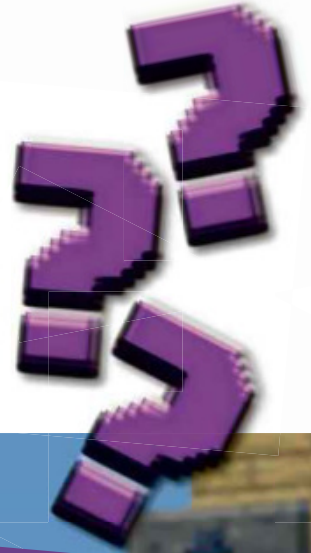


THE WORLD'S BEST-SELLING MINECRAFT MAGAZINE



INDEPENDENT AND UNOFFICIAL GUIDE

# MINECRAFT WORLD



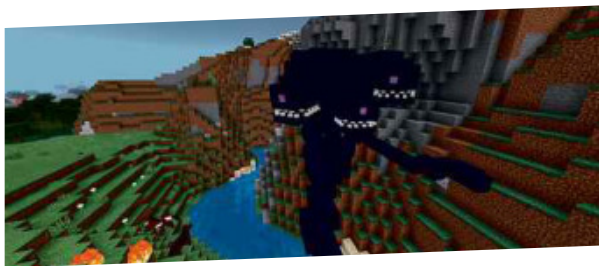
ASK US ANYTHING!  
EXPERT MINECRAFT HELP

BUILD A

# SPACE STATION!

WE SHOW YOU HOW INSIDE!

WITHER STORM ADD-ON IN FOCUS



COMPOST GUIDE



PLUS: FOXES & MINECRAFT!

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## HELLO!

A very warm welcome to **Minecraft World magazine!** We've been escaping the winter weather by building our own **space station** - you can see how we did it starting on **page 4**. As always, don't forget to show us how you get on if you try building your own - our address is [incoming@everythingmw.com](mailto:incoming@everythingmw.com)

We've also been tackling lots of your requests. You'll find **guides to compost, foxes and food effects**. Plus, for those of you who like mods, a new **wither storm add-on!**

If there's something you want to see in the magazine, **send us your suggestions**. We love playing Minecraft and want to make sure we give you a magazine you love to read!

We're back with the next issue on **27th February**, and we look forward to seeing you all again then!

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# DINNER TIME!



# WIN!

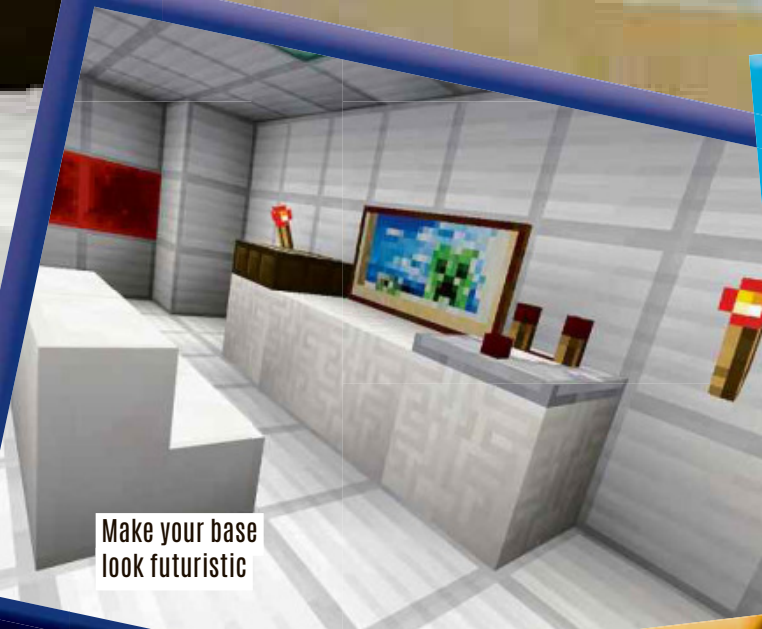
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\*Terms and conditions apply. Full  
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Make your base look futuristic



Terracotta patterns form pictures

## MATERIALS

The first thing you have to do if you're building a space station is prepare your materials. We like blocks of iron, which are about as far from wood and stone as Minecraft gets. Quartz-based blocks are also quite clean and futuristic-looking, especially the chiselled quartz block, which has a circuitry-like pattern on it.

Where you're able to choose, try to go with iron materials instead of alternatives, especially in things like pressure plates and doors. If you have to go with coloured blocks, concrete gives an even appearance that looks a little like plastic. Glass should feature heavily, but make sure you keep away from naturally derived blocks like wool!

## DECORATION

When it comes to making the build look good, you can decorate in lots of ways. Perhaps the most futuristic look is from light grey glazed terracotta, which you can make by crafting stained terracotta, then smelting the block into its final form. Remember the blocks can change orientation depending on which direction you're facing!

Other useful blocks for decoration and texture are redstone, emerald and diamond, which have clean patterns.

# BUILD A SPACE STATION

Wood and stone feature heavily in Minecraft, but what if you want to make something futuristic? Here's our guide to building a super-cool space station so you can pretend you're living in the future!

## MONITORING ROOM

If you were in a real space station, there would be work to do and stuff to monitor. That's why we need to make the main part of our base a monitoring room with a workstation to sit at. This should be the largest room in the build, to allow for all the time you'll be spending here!

## MAKING A WORKSTATION

Building a control panel that looks futuristic is tough – there's no keyboard item in Minecraft! – but you CAN do stuff with redstone items to make it look like there are dials, switches and levers. We've put down a daylight sensor, a redstone repeater, a redstone comparator and a button to make it look like the controls of something complicated. If you like, you can use actual redstone to power these and make them light up.

As it stands, they're not functional – if you want them to be, that's great, but we're not helping! But they do look like they've got some important jobs to do. Complete the effect by putting down some stairs for use as a chair. As discussed before, quartz stairs are good because they blend in with the rest of the materials.

Finally, you need to make some monitors to show what's going on in and around the space station. Unfortunately, Minecraft's paintings are fairly distinct, so it's hard to make something look very on-theme, but if you place a few in a small space it will give the impression of a monitor wall. Perfect for keeping an eye on everything!

Redstone components used as a control panel

Add a seat and use paintings as monitors

## ROOMS

Your space station should be like any other base – made up of rooms connected by doors – but try to keep it modular. Moving between them can be done by access hatches and small open doorways. Try to imagine it was built in pieces, with new parts added on separate missions – don't leave long corridors or have elaborate staircases!

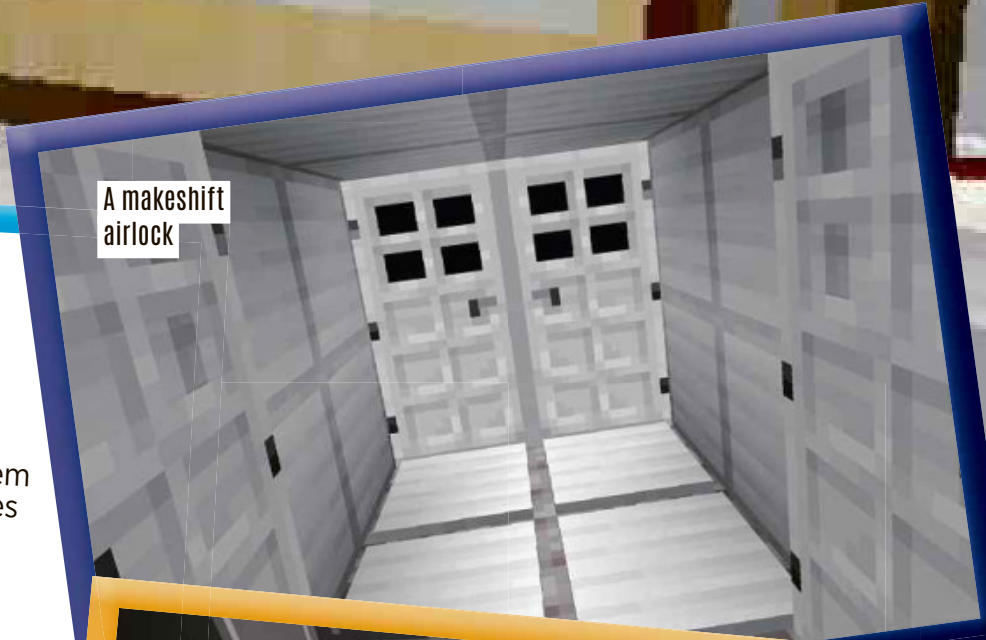
## AIRLOCK

Getting in and out of a space station isn't fun, but it has to be done. That means you need to build an airlock. Your options for this are quite limited because Minecraft's doors are all extremely simple, but an airlock should involve two sets of doors arranged in such a way that only one can be open at any time. Pressure plates and iron doors will take care of this fairly well, though if you want to be really elaborate you can set up automatic doors using pistons – although that's always a big job to disguise!

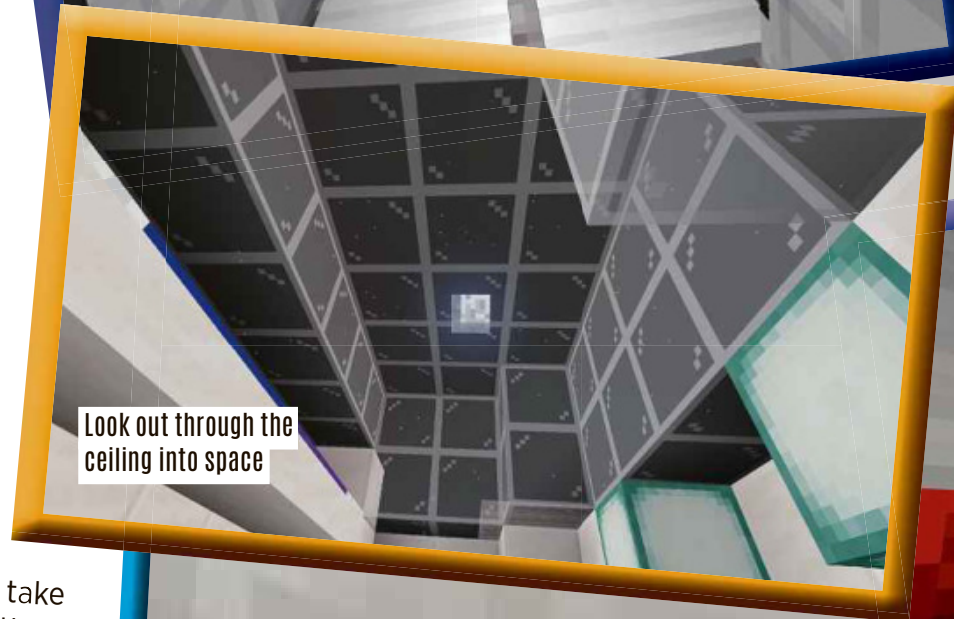
## OBSERVATION DOME

Make the top level of your space station into an observation dome so you can sneak out at night and watch the stars fly past. The effect isn't so great in the daytime because you'll just see the normal sky, but it's all about using your imagination. Build the dome out of just glass blocks, and make it coloured glass if you want to give it a tempered, unusual feeling compared to the glass elsewhere on the base.

A makeshift airlock



Look out through the ceiling into space



Some futuristic lighting



## ESSENTIALS

There are plenty of things any base needs to have, but that doesn't mean you have to resort to the same old types of items. Assuming you're building in Creative Mode, there are LOTS of easy alternatives to the stuff you would usually have in a base...

## STORAGE

Chests, for example, are pretty rustic. They're made of wood, they take up a load of space, and there's not a great amount you can do with one to make it look futuristic. Luckily, there IS an alternative, and that's the shulker box! They come in lots of colours, but the white ones look most futuristic. Unlike chests, you can also stick them on the wall so they open outwards, which conserves usable space - something that would be extremely necessary if you were on an ACTUAL space station. In the screenshot, you can see six shulker boxes, with one being opened - that's as much storage space as six chests (or three double chests).

A shulker box used as storage

## LIGHTING

It's dark in space. Really dark. That means you're going to need lighting. Again, torches aren't really appropriate - a burning torch would quickly use up oxygen, and in space that's going to be in extremely short supply. Instead, use different light-emitting blocks. The best options are sea lanterns, which give off a clean, ambient glow like some kind of LED light source, or End rods, which look a lot like fluorescent lighting.

## SURVIVAL

There are a few things you need to put into your base just so you can stay alive inside it. You'll need to have some kind of bathroom, of course, and the design should include some windows (more on those later) just to stop you going mad. But there are two big things you need to worry about first...

## SLEEP

Sleeping is a priority, no matter whether you're in the woods or on the moon, but finding a place to do it is more difficult on a space station. To simulate the crowded conditions you would likely be under, we've made our beds into bunks that are crammed into a small amount of space. You can use actual beds, but we've created makeshift beds using carpet tiles on top of quartz slabs. The white carpet tiles look like pillows, and the coloured carpet tiles look like blankets. They're non-functional, of course – if you're actually living in this base, you'll need to make sure there's one real bed – but this should suit the rest of the crew!

## FOOD

There are two options for food in space: bring your own, or grow your own. Meat and fresh vegetables aren't going to survive the trip, so unless you want to live exclusively on dried kelp (which is an option) you need to set up your own internal greenhouse. A little dirt, a little water, some glass blocks to keep the heat in and let the light through, and there you have it – your own space station indoor garden to keep you in homegrown meals.



Four bunks crammed in!



Grow your own space food



An alien landscape!



## THE EXTERIOR

Finally, you need to think about the outside of your space station to give it the finishing touch. Don't worry too much about making it visually appealing - after all, this is the sort of building that's going to be seen from the inside more than the outside - but there are a few things you can do...

## WINDOWS

On a real space station, windows would be dangerous, but in Minecraft you can make some exceptions to help create an effect. If you want to make it look like anyone staring out of the window is viewing the inky black nothingness of space, put in a window, then cover the exterior with black concrete. It will help create an effect of people looking out into the mysterious depths of the cosmos, and that's more interesting than a wall, even if they ARE both just one colour.

A fake window into space

## MOONSCAPE

And, if you want to be REALLY ambitious, you could convert the nearby landscape into a rocky moonscape. End stone looks a little like some kind of moon rock, so if you build a small patch of land around the base into moon rock, then surround it with fake cliffs, you can let your space station inhabitants look out of the window onto what appears to be an ACTUAL lunar landscape. And that's pretty good fun! Cap it off by making a fake sky out of black concrete, and no one inside the base will know the difference...  
Let us know how you get on!

## WHAT IS COMPOST?

In real life, compost is a mixture of rotting plant material that you can use as fertiliser. Bleurgh! In Minecraft, it's similar, although there's no compost item – instead, you use a composter block to make bone meal (which performs a similar function in the game).

When you have bone meal, you can use it on a plant to create a number of effects. We'll talk about those later on.

## COMPOSTERS

So composters allow you to turn old plant material into bone meal, but what does that mean? You can use them to recycle unwanted food, crops and various kinds of plant material with only a few exceptions. Each time you add some material to a composter, it has a small chance of raising its level, and when you fill eight levels you can use the composter and it will spit out some bone meal.

Generally, the rarer and more valuable the item, the greater its chance of raising the compost level in a composter. When you add an item and it contributes to the compost, you'll see green particles appear, and the item itself will vanish completely. Take care with what you use, as there's no way to get it back once it's in the composter!



A composter



Composters spit out bone meal

# MASTERING COMPOST

Want to help your crops grow better than ever? Or use up unwanted organic material? Composting is what you're looking for! Here's everything you need to know to master this new addition.

## COMPOSTING VALUES

Each item has a chance of raising the compost level when it's added to a composter, and here are the values each item has:

- The following have a 30% chance of raising the compost level, so you'll have to add roughly 23-24 of each to get bone meal: beetroot seeds, dried kelp, grass, kelp, leaf blocks, melon seeds, pumpkin seeds, saplings, seagrass, sweet berries, wheat seeds.

- The following have a 50% chance of raising the compost level, so you'll have to add roughly 14 of each to get bone meal: cactus, dried kelp block, melon slice, sugar cane, tall grass, vines.

- The following have a 65% chance of raising the compost level, so you'll have to add roughly 10-11 of each to get

bone meal: apple, beetroot, carrot, cocoa beans, ferns, flowers, lily pad, melon, mushrooms, potato, pumpkins, sea pickle, wheat.

- The following have an 85% chance of raising the compost level, so you'll have to add roughly 8-9 of each to get bone meal: baked potato, bread, cookie, hay bale, mushroom blocks.

- The following have a 100% chance of raising the compost level, so you'll have to add just seven of each to get bone meal: cake, pumpkin pie.

A couple of items are also impossible to compost, even though you might think they count. Bamboo can't be added to a composter, nor can meat, fish or leather. Poisonous potatoes are also invalid, even though you can add regular potatoes!

Eat these melons - or compost them!

A full composter has white flecks on top

## MAKING COMPOSTERS

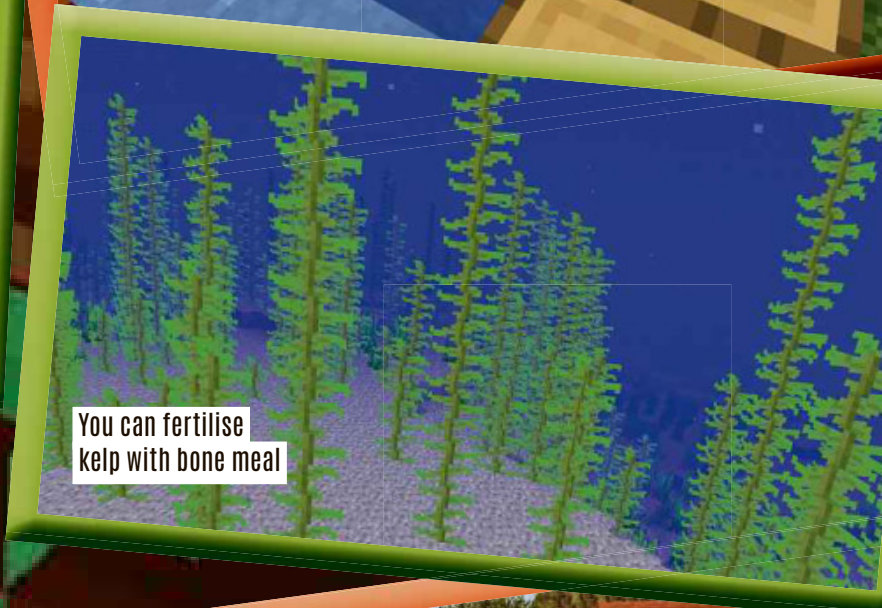
Making a composter is quick and simple: you just need to craft seven wooden slabs (on a crafting table) in a tall "U" shape. The slabs can be any type of wood, and you can mix and match. This will create one composter. To craft one from scratch, you need to craft six (matching) planks into 12 slabs, and you can get the planks by crafting three logs into planks.

## FINDING COMPOSTERS


If you don't want to craft a composter - or can't - you can scavenge one from the Overworld. Almost all villages contain a farm, and there are composters in all farms. You can break it with any tool for collection, but an axe is the fastest. An unenchanted golden axe can break a composter in 0.1 seconds. If you use your hand or any other tool, it takes 0.9 seconds.



You can find composters in farms



You can fertilise kelp with bone meal



Villagers can use composters to turn into farmers

## FERTILISING WITH BONE MEAL

Using bone meal to fertilise plants has the following effects:

- Wheat, carrot and potatoes will grow 2-5 stages instantly.
- Beetroot have a three in four chance of growing a single stage.
- Bamboo will grow by one stem.
- Melon and pumpkin seeds will grow 2-5 stages.
- Saplings have a 45% chance of growing a stage (trees are stage 3, but there must be enough room!)
- Sunflowers, lilacs, rose bushes and peonies all drop a second version of themselves.
- Tall grass, ferns and seagrass will grow into double-height versions if fertilised.
- Mushrooms have a two in five chance of growing into a huge mushroom if planted on dirt, coarse dirt, grass, podzol or mycelium.
- Cocoa beans grow one stage.
- Sweet berry bushes become fully grown immediately.
- Sea pickles grow and may generate other pickles nearby.
- Kelp will grow a random amount of blocks tall, up to 24 blocks as long as it's still underwater.

## COMPOSTER SECRETS

If you place a composter near a villager who doesn't have a profession (or one who has lost their workstation), they can use the composter to transform into a farmer villager.

If you use a redstone comparator next to a composter, it will emit a signal of up to 8, depending on how full the composter is.

If you place a hopper directly beneath a composter, it will automatically empty bone meal into it. You can attach the hopper to a dispenser or chest to give easy access to the bone meal created - great for building automated composting systems.

Because they're made of wood, composters can be used as fuel in a furnace, and can smelt 1.5 items.

Composters are available in the Bedrock, Java and PlayStation 4 Editions.

Sometimes it's more efficient to use individual items rather than a crafted version. Using one hay bale will only increase a compost level by up to one (and sometimes not at all), whereas the nine individual wheat that make up a bale can potentially fill the composter on their own and will almost certainly give more than one level.

Bone meal can also be turned into (and sometimes used as) white dye, or nine pieces of bone meal can be turned into a bone block.

In case the name wasn't a clue, you can also get two bone meal from killing a skeleton, collecting a bone it drops, then crafting it directly into bone meal.

In the Bedrock Edition only, bone meal can grow sugar cane an extra block's height, and even small flowers will drop a copy of themselves.



These flowers drop themselves in Bedrock Edition

# WITHER STORM ADD-ON

The wither storm was one of the most incredible things in Minecraft: Story Mode, and one of our most-asked questions is how you spawn it in the game. Well, for the first time, here's a way you can do it - sort of!

## WHAT IS THE WITHER STORM?

Invented purely for Minecraft: Story Mode, the wither storm is a giant, out-of-control wither with huge tentacles and bright purple lasers that shoot from its face. It is, in short, terrifying.

The wither storm has never been officially available in Minecraft. However, if you're playing a version of the Bedrock Edition that supports add-ons, there IS a way you can install it using an add-on.

## DOWNLOADING THE ADD-ON

First, you need to download the add-on pack from: <https://mcpedl.com/wither-storm-add-on>

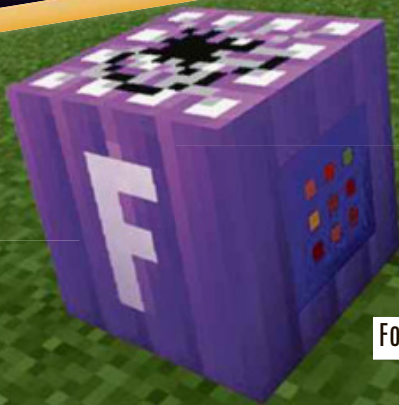
Two versions can be downloaded on that page: one red, one purple. We're going for the purple version.

Click on the link and follow the download instructions. Remember to click "deny" or "cancel" on any pop-ups that aren't the download. You may have to disable your ad blocker to get it. If you prefer to go direct to the download site, try: <https://tinyurl.com/mw-witherstorm>



## INSTALLATION

Locate the file you've downloaded – it's a .MCADDON file. Double-click it and/or open it with Minecraft and the game should automatically import the behaviour. If this doesn't work, you may have the wrong edition of the game – you need to have the Bedrock Edition on a phone or tablet, or the Windows 10 Edition. The Java Edition can't use this add-on!



Formidi bombs

It's much bigger than a normal wither



## ACTIVATING THE PLUGIN

Load the game as normal and create a new world. If the plugin imported correctly, you should be able to find it in the "add-ons" section. There's one resource pack and one behaviour pack, both of which need activating. To do this, click on them and click "activate" to move them into the "active packs" section. Finish the world creation as normal, and the pack will be applied to the new world.

## SUMMONING A WITHER STORM

To summon the wither storm, all you need to do is summon a wither as normal. That means placing four blocks of soul sand in a T shape with three wither skulls on top. As soon as you've done this, run away fast – things are about to get explosive!

## VITAL STATS

The wither storm is around 20 times the size of a normal wither and has 130 points of health. It's basically impossible to defeat alone, but you might be able to do it in Creative Mode where you're invincible. A direct hit from a wither skull attack will give you the Levitation effect, which will drop you to the ground when it wears off. When 50% of its health is gone, it becomes immune to arrows.

To defeat the wither, use Formidi bombs, which replace TNT in this mod. They do lots of damage and have a longer fuse so you've got time to run away from them!

## NOTICE

Because this is an unofficial add-on, we can't answer questions about why it doesn't work – there could be loads of reasons! We also recommend you don't use it on any worlds that you don't want to lose! Good luck!

# HUNTING GUIDE:

# FOXES

One of the newest mobs, foxes are great fun as long as they don't get near your chickens! Here's all you need to know about these furry friends...

## ABOUT FOXES

Foxes are passive mobs that spawn in taiga, giant tree taiga and snowy taiga biomes in groups of 2-4. They're nocturnal, meaning they sleep during the day and are active at night, at which point they move into any nearby villages to look for food.

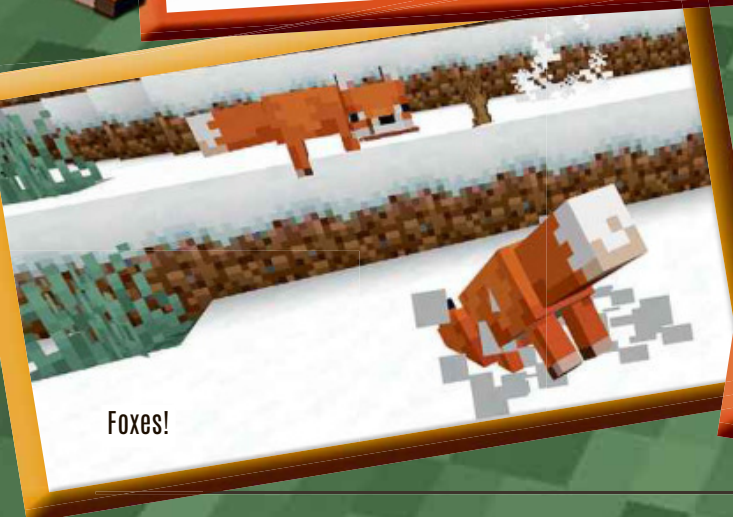
Foxes have 10 health points on the Java Edition and 20 on the Bedrock Edition. Foxes that don't trust you will pounce on chickens, rabbits, cod, salmon, tropical fish and baby turtles, causing two points of damage. Those that trust the player will only attack mobs that attack the player.

Foxes that spawn in the snowy biome are entirely white, but otherwise identical to the standard orange fox.

## FOX BEHAVIOUR

Foxes will automatically run from players and wolves that approach them, unless they're sneaking. If you get close enough, you can feed a fox a sweet berry to put it into breeding mode. If you breed a baby fox, it will trust you, but you can't tame adult foxes.

During the day, foxes will sleep somewhere in the shade, but wake up if a player or mob gets too close without sneaking. They also wake up if the light level goes up.



Foxes!



A fox sleeping



## FOX DROPS

When adult foxes spawn, one in five will be holding an item from a list of emeralds, rabbit's foot, rabbit hide, egg, wheat, leather, and feather. They have a normal chance to drop these items when killed, but will also put them down to attack.

Otherwise, all adult foxes drop 1-3 experience when killed by a player or tame wolf. They'll also drop any items they picked up after spawning, although if they're holding a totem of undying when they're killed they'll come back to life and use up the totem!

Baby foxes drop nothing when they're killed.

Baby foxes drop nothing when killed

Sweet berries make foxes breed

## FOX SECRETS

Foxes don't take damage from sweet berry bushes, and aren't slowed down by them either.

Foxes never attack wolves or polar bears, even if that mobs attacks them.

Foxes can jump high enough to clear fences - over five blocks high - so take care to protect your chickens!

Given the option, orange foxes prefer to attack land mobs, and arctic foxes prefer to attack water-based mobs.

If an orange fox breeds with an arctic fox, the baby has a random chance of being either colour.

Wolves and polar bears (including baby polar bears) will become aggressive towards foxes that are within 16 blocks or closer.

Foxes are one of only four mobs that sleep, the others being cats, villagers and bats.

Foxes were added to Java Edition 1.14 and Bedrock Edition 1.13.0 after winning a vote at MINECON Earth 2018.

# NEWS ROUND-UP

## NEW LEGO SETS GO ON SALE!

**F**or those times when we're not playing Minecraft on our tablets, phones, consoles or computers, there's always Minecraft LEGO to keep us busy. What's more, 2020 has started with SIX new brilliant sets.

These are: Creeper BigFig, Pig and Zombie BigFig, The Panda Nursery, The Pillager Outpost, The Illager Raid, and The Taiga Adventure.

Prices start at £8.99 for The Taiga Adventure, and £12.99 each for the BigFigs. Then it's £19.99 for The Panda Nursery, £29.99 for The Pillager Outpost, and £64.99 for the biggest of the sets, The Illager Raid, which comes with 562 pieces!

All of these official sets are on sale now!



## NEW REALMS PLUS MAPS

Mojang's kicked off the year by releasing a bunch of new maps for Realms Plus, the game's monthly subscription service. You'll need to ask your grown-up if you want to sign up.

Amongst the new maps are Prison Escape, Wonderland Rainbow, and – eek! – Grandma's Horror House. Some of these come with bonus skins too.

You can find out more over at [www.minecraft.net/realms-plus](http://www.minecraft.net/realms-plus)



## MINECRAFT'S NOT SHUTTING DOWN!

Over the Christmas and new year period, a story started doing the rounds on the internet that Mojang was thinking of closing down Minecraft. As if it would! As you might have guessed, the story was a hoax. It had been spread from a website that makes up fake news stories to play tricks on your friends. Rest assured that Mojang has huge plans for Minecraft, and it will be around for a very long time to come!

# MINECRAFT EARTH

## MINECRAFT EARTH LATEST

Mojang has been busy making the current test version of Minecraft Earth even better! A few weeks ago, it released version R9, which brought with it a new tutorial to help you get started and some free items to get you building quicker.

The game is still officially in testing, so expect lots of updates and new features before its official release. You can get hold of Minecraft Earth at [minecraft.net/en-us/about-earth](http://minecraft.net/en-us/about-earth), where you'll find more information too!

# ITEM OF THE MONTH

Each month, we look at all the tips, tricks and secrets of one of Minecraft's Items. This month: Item frames!

## GETTING ITEM FRAMES

Item frames are generated in just one place: on End ships, containing a pair of elytra. Crafting them is MUCH simpler: you only have to surround one piece of leather with eight sticks to make one.

It's also possible to buy item frames. Expert-level cartographers sell them for seven emeralds each on the Java Edition, and on the Bedrock Edition you can buy five for the cost of seven emeralds from apprentice-level cartographer villagers.

Use them to create signs!



## USING ITEM FRAMES

Item frames can be placed on the walls, ceiling and floor. Once you hang up an item frame, you can place any item inside it for safekeeping or display. In most cases, a shrunken version of the object will be shown.

Once the item is in the frame, you can rotate it through eight different positions, depending on how you want to display it.

To remove an item frame, hit it once to collect the item inside, and again to knock the frame itself off the wall. Make sure you remember to pick them up when you've done this!

You can put items in frames



## MAPS

If you place a map in an item frame, it will cover the entire frame, although bits of the map that haven't been explored will be transparent and allow the frame to show through.

The way maps display means you can place several into item frames to create larger wall maps where no joins are visible – if the maps are all at the same zoom level, that is!

If you place a map in an item frame and the frame's location is depicted on the map, a green pointer will show up. The pointer will be oriented in the direction the item frame is facing.

Maps can only be rotated in four orientations, not eight like other items.

More than one frame can occupy a single block space

## ITEM FRAME SECRETS

Item frames can be placed in lots of unusual places, including cacti, doors, chests and pressure plates, as well as normal solid blocks.

Multiple item frames can occupy the same block space, like vines, but they have to be on different faces of the block.

If you use a redstone comparator on an item frame, the signal it outputs will change, depending on the item's rotation – think of it like a dial! The more you turn it from its default position, the higher the signal will go.

You can get the Map Room achievement/advancement by placing nine fully explored maps into a 3x3 grid of item frames.

If you try to place a map in an item frame in the Nether, its green pointer will spin randomly!

Display maps in frames

# BLOCK OF THE MONTH

Each month, we'll teach you everything there is to know about one of Minecraft's blocks!  
This month: jukeboxes!

## JUKEBOXES!

### WHERE TO FIND JUKEBOXES

Jukeboxes aren't generated automatically anywhere in Minecraft! That means the only way to get one is to craft it yourself. Luckily, they're quite easy to make. All you need to do is craft eight wood planks – the wood can be any type and you're able to mix and match – around one diamond. This will craft one jukebox.

If you find a jukebox someone else has placed, you can mine it with any tool, but the axe is the fastest. It takes three seconds to break with a hand (or a

How to craft a jukebox



random tool), 1.5 seconds to break with a wooden axe, and 0.25 seconds to break with a golden axe.

### USING JUKEBOXES

You can use jukeboxes to play music discs, which you can collect from some treasure chests or as a drop if a skeleton kills a creeper. Interacting with the jukebox while holding a disc will start it playing, and when the track finishes the disc will be ejected.

The music generated by a jukebox travels roughly 65 blocks in every direction, giving it an effective range of 130 blocks. The music gets quieter the further you are from the jukebox, but it can be heard through walls.

You can also use a hopper to insert a disc into a jukebox and collect the ejected discs. This is called "looping".

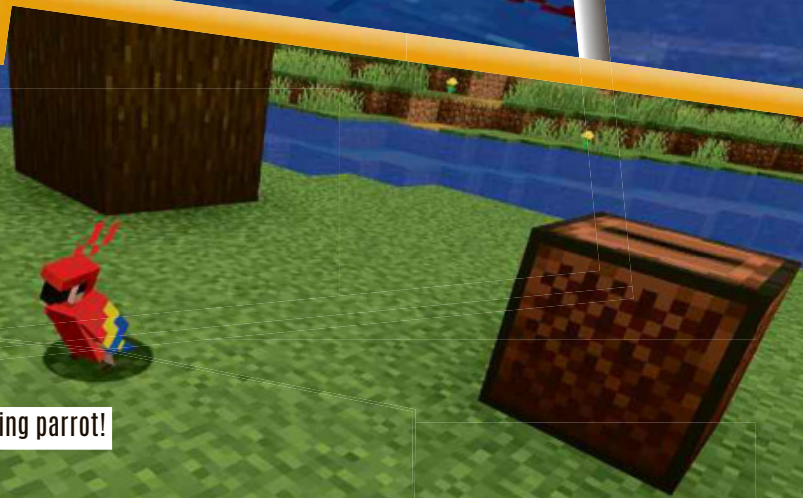
Jukeboxes play music discs



A jukebox and comparator



A dancing parrot!



## REDSTONE CIRCUITS

Jukeboxes can be used as part of a redstone circuit. On the Java Edition, they don't emit a redstone signal by default, but a comparator placed next to the jukebox will cause it to emit a redstone power signal.

The strength of the signal depends on the ID of the disc inserted into the jukebox, and discs have an ID of up to 12. No disc emits a signal of zero. In order of lowest (one) to highest (12), the discs go: 13, Cat, Blocks, Chirp, Far, Mall, Mellohi, Stal, Strad, Ward, 11, and Wait.

On the Bedrock Edition, this is true too, but jukeboxes also emit a signal when they're playing any disc (without the need for a comparator).

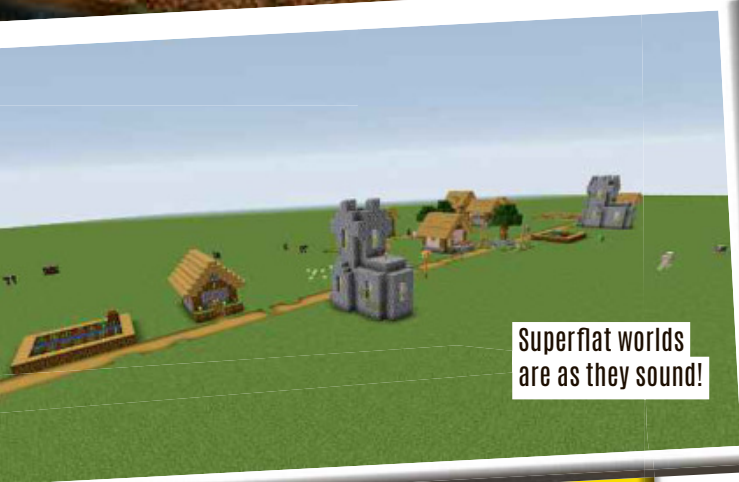
## JUKEBOX SECRETS

If you've tamed a parrot, it will start to dance when it gets close enough to a jukebox to hear the music.

Jukeboxes are made of wood, so they can be used as fuel in a furnace and will smelt 1.5 items per block. Consider this carefully, though, as it's using up a diamond too, which you can't get back!

On the Console Editions, you can get the Music to My Ears achievement or trophy by playing a disc in a jukebox.

# ASK US ANYTHING



**Dear Ask Us Anything,**  
I've loved receiving your awesome magazines for over three years!

**I have some questions for you:**

**1) How many blocks along is a flat world?**

**2) How many mobs live in the Nether?**

**3) Can you mix different mobs in the Bedrock Edition?**

**Thanks for answering my questions!!!**

**Eva-May, Age 10**



Hello Eva-May! Glad to know you're a long-time fan, and that there's still stuff we can help you with even though you must be a Minecraft expert if you've been reading for this long.

- Flat worlds are infinite in every compass direction, like normal worlds! No matter how far you walk, you'll never reach the edge. It's just a lot more obvious how far it stretches when you're playing on a flat world!

- The complete list of mobs that are native to the Nether is: blazes, ghosts, magma cubes, wither skeletons and pigmen. It's also possible for regular skeletons and endermen to spawn in the Nether, so that's seven in total. If you're talking actual numbers and not just types, the answer is, again, infinite! They keep spawning forever.

- Minecraft could change the number of mobs available for the Bedrock Edition, but the goal is to make all of the versions as similar as possible. If you want to see some new mobs that may or may not appear in the game in future, check out Minecraft Earth, where you can find the cluckshroom, horned sheep, jolly llama, jumbo rabbit, moobloom, muddy pig, purple cat and wooly cow! We can't PROMISE they'll turn up in the Bedrock Edition, but we think it would be really cool if they did!



**Dear Ask Us Anything,**  
**My name is Riley and I'm 9**  
**years old. Why do you have to**  
**get mods - couldn't they just**  
**update Minecraft if they have**  
**those specific mods? This**  
**would make it easier for us still**  
**learning, and for those who just**  
**have iPads. Apparently I need**  
**the 'Forge' (app or program??)**  
**to be able to download mods,**  
**but can't on an iPad.**

**Riley, Age 9**

Forge is for the Java  
 version only



Loading - Initializing Minecraft Engine  
 3/7

Rendering Setup - Loading Item Renderers  
 4/5

Add-ons work on  
 Bedrock, though



Hey Riley!

So the reason Minecraft doesn't have mods built in is because they're unofficial! Mods for Minecraft are made by fans and enthusiasts who want to change things about the game. Official mods don't really exist for the Java Edition. Part of the reason is that this would make everyone's version of the game different, and it would be hard to update it without breaking them!

As for Forge, that's a program designed purely for installing mods on the Java version. If you're playing on an iPad, it doesn't affect you in any way!

What DOES affect you are add-ons. If you want to play mods in Bedrock Edition, you just need to download and install add-ons, which can be enabled or disabled for individual worlds without any need for extra programs. These add-ons should be installable on an iPad, iPhone or any other device running the Bedrock Edition that isn't a games console!

Hope that explanation helps, Riley!



Hey Luca! We can and will answer your questions!

1. Bees are already launched! If you're playing an up-to-date version of the game - either the Bedrock or

Java Edition - you should be able to find bees. Remember, you might have to create a new world to find them. If you're unsure, check in the creative inventory and see if the bee spawn egg exists.

2. Nope! Not at the moment, anyway. But if you want to pretend, check out this month's space station build and you can imagine you've gone there. Not QUITE the same, but it's as close as you can get!

3. It's possible that new armour will be added, but there are no plans for it at the moment as far as we're aware.

4. Can there? Yes. But will there? Probably not! Minecraft is a game about building, not destroying!

5. Foxes have a chance to drop whatever they're carrying, plus the usual amount of experience. There

are no special drops besides this, but check out our hunting guide feature in this very issue for the full scoop!

Thanks Luca!

**Dear Ask Us Anything,  
Please can you answer these questions for me?**

**1. What month will the bees be launched?**

**2. Can you go into space?**

**3. Will the armour ever upgrade?**

**4. Can there be nukes one day?**

**5. What do foxes drop when they die?**

**Thanks a lot and bye!**

**Luca, Age 9**

Sadly this rocket is decorative





Hey Harry! Just so you know, we've cut your first few questions because they all have the same answer: the people who make Minecraft have stopped making updates to the Xbox 360 version

**Dear Ask Us Anything, I've got some questions I would like to be answered. Can you help me?**

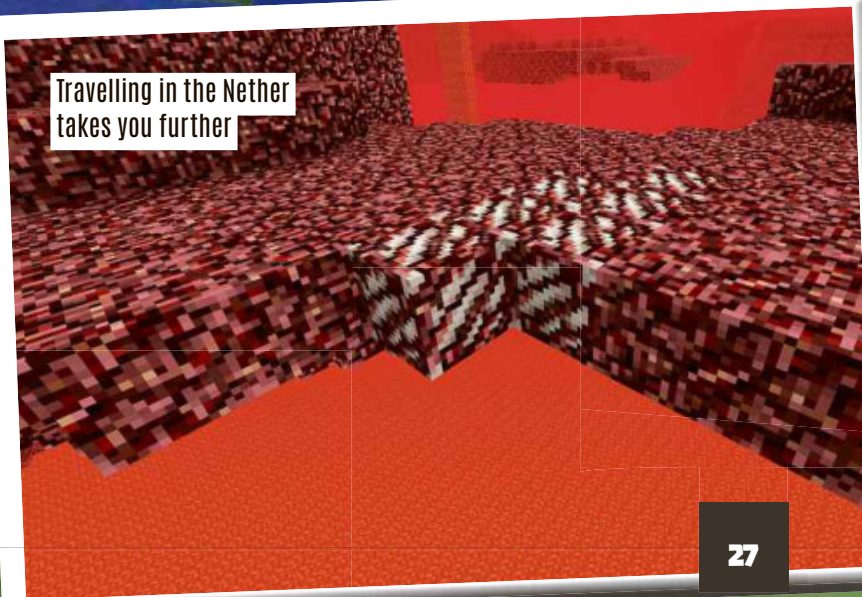
- 1. When you defeat the ender dragon and then you jump into the portal in the heart of the island, why does it come up with lots of writing?**
  - 2. How many types of portal are there in Minecraft?**
  - 3. Is it true that one step in the Nether is the same as three steps in the normal world?**
- Thank you for your time!  
Harry Scallan, Age 10**

because the console is too old! If you want to make sure you're always up to date, we recommend playing on the Java Edition or trying the Bedrock Edition on a tablet or phone.

As for your other questions:

1. This is the End Poem! It's as close as Minecraft has to an ending. Who wrote it? What does it mean? That's for you to figure out. We don't know either!
2. There are technically four: the Nether portal, which takes you between the Nether and Overworld; the End portal, which takes you from the Overworld to the End; the exit portal, which takes you from the End to the Overworld; and End gateways, which teleport you between the End's central Island and its outer islands. And that's all!

3. It depends on the version! In the Legacy Console (Xbox 360) Edition, the ratio depends on the world size: 1:3 for classic (Xbox 360) and small worlds, 1:6 for medium worlds, and 1:8 for large worlds and the infinite worlds on Java/Bedrock Edition.

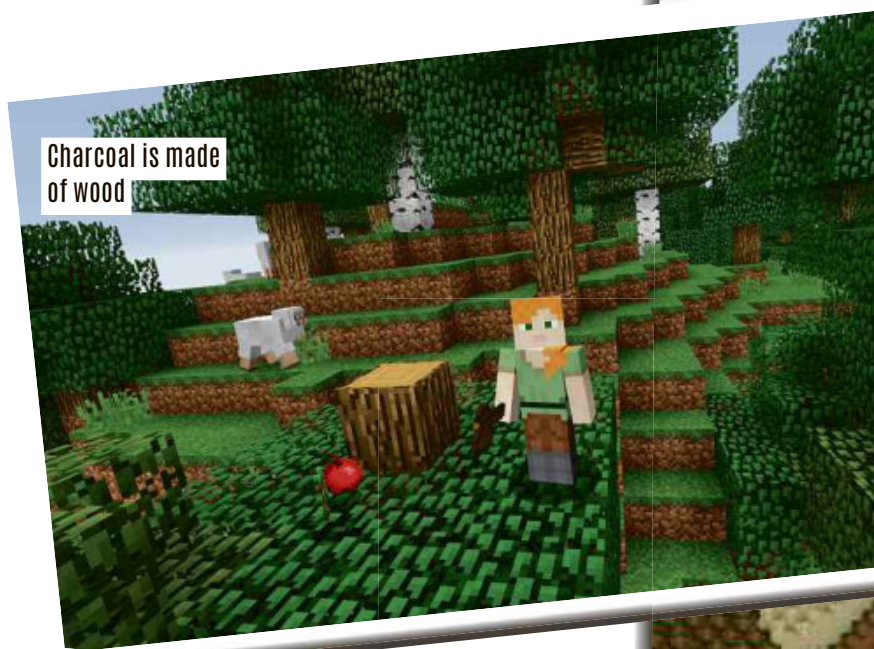


As usual, our final pages are reserved for quickfire questions. Sorry if we didn't print your whole letter - we do read them all!

■ **Can charcoal be used in cooking as fuel? - John**

Yep! Charcoal, which is made by burning logs and wood in a furnace, can be used in any place that a piece of coal can, with just two exceptions: villagers won't trade for it, and you can't craft it into blocks. Other than that, it's identical, which means that, yes, you can use it as a fuel for cooking, where it will smelt/cook eight items - five times longer than if you use wood or planks for fuel!

Charcoal is made of wood



You can't stack chests



■ **Can you get spawn eggs in Survival Mode? - Alexander**

Thanks for all your questions, Alexander - we'll try to answer more in another issue! As for this one, the sad fact is that you can't! You can add them to your inventory in Creative Mode, then use them in Survival Mode, but at the moment there's no way to get them without using cheats or going into Creative. That seems fair - they can't do anything that you can't do by being persistent!

■ **In Survival, I put one chest on top of another, but then one of them didn't open! Why is this happening? - Ray**

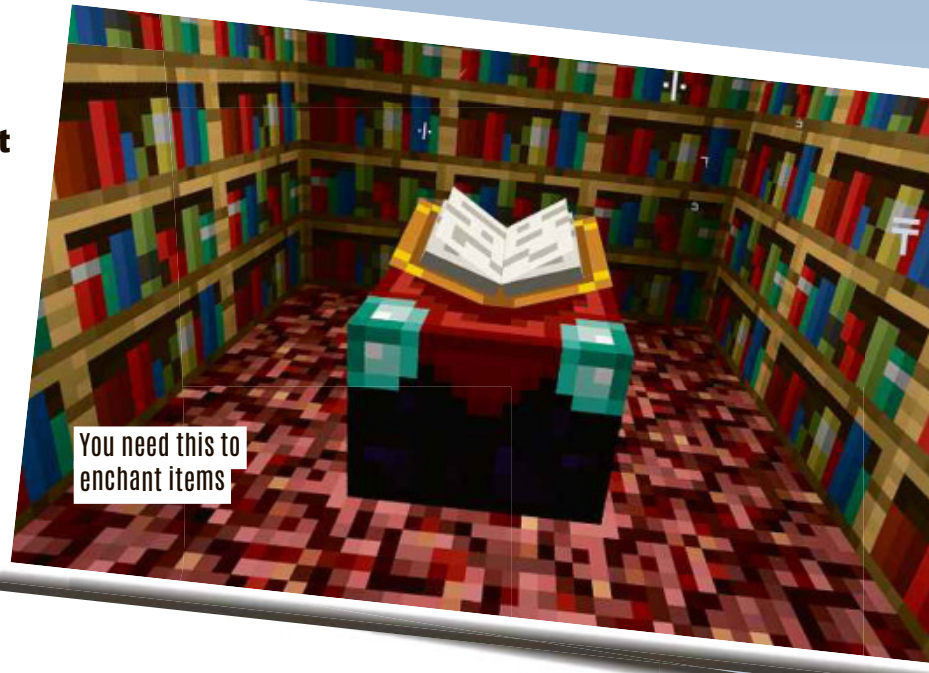
This is a design feature! Chests need to have a block's worth of space above them so their lids can open, which makes sense if you think about it! Stacking two chests on top of each other is possible, but it means the lower ones can't open.

■ **I'm really confused about enchanting items. How do I apply enchantments to different things? - Fouzia**

There are two main ways: you can either place the item on an enchanting table with some lapis lazuli and enchant it directly (it will be given a random enchantment) OR you can take an enchanted book found as treasure, then put both it AND the item you want to enchant on an anvil. In both circumstances, you'll have to spend experience levels, and the more experience you spend the better the resulting enchantment will be.

■ **Can bees make honey blocks? - Sawyer**

Nope! Bees deposit honey in their hives, but you have to collect it in a bottle, then craft it into honey to make it into a honey block. That's more or less how it is in the real world too - bees only make the honey they need, after all, and a whole block would be far more than they wanted!



■ **When is the Mountains Update coming to Minecraft? - Noah**

It's way too early to give an exact date, but you can expect it later this year! Probably not before summer, though. We'll keep you posted as soon as we hear anything.

■ **Do you need an axe to get ores? - Thomas**

You need to use a pickaxe, yep! Otherwise, the ore blocks will just break without dropping anything. The type of pickaxe depends on the ore you're mining - coal and iron can be mined with wood and stone, but gold, diamond and emerald need an iron pickaxe!

Thanks again everyone! See you next month!



*Have YOU got a question for us about Minecraft? Then email [incoming@everythingmw.com](mailto:incoming@everythingmw.com)*

# TOP 10 SUPERHERO BUILDS

KABONG! POW! SPLAT! We've been collecting our favourite superhero projects to help you take a closer look at how to think outside the box and pursue some rather more powerful dreams.

## S.T.A.R. LABS

# 10

If The Flash is your main man, we've got a sublime download for you. This tiny S.T.A.R. Labs project is available for the most dedicated Barry Allen enthusiasts, but definitely requires a few mods to complete in all its glory, including the Superheroes Unlimited Mod, Chisel 2 Mod, Bibliocraft Mod, Mr Crayfish Furniture Mod, Malissis Doors, and Carpenters Blocks. That's a lot of extra bits and bobs, but we hope you'll agree it's totally worth it - it's even got Reverse Flash's secret room! Definitely worth a look if you're fully into the DC players.

[tinyurl.com/MCW62TopTen10](http://tinyurl.com/MCW62TopTen10)



Come on, Robin,  
to the Batcave!

# 9

## BATCAVE

Is it a bird? Is it a plane? Who knows, because you're underground in your new Minecraft Batcave, busy building all kinds of wonderful new Bat gadgets. Well, that could be the plan if you're thinking of downloading this sweet new lair, which comes complete with a bunch of vehicles like the Batwing and the Batboat. Yes, indeed! This is a stellar project with tons of little extras, and we imagine it must have taken quite a while to complete. It was worth all the effort, though - we couldn't resist downloading it!

[tinyurl.com/MCW62TopTen9](http://tinyurl.com/MCW62TopTen9)

A must for all  
Flash fans



# THE WAVERIDER

Now, if you're reading this and you flick your eyes across a little, you can probably see the outside of *Legends Of Tomorrow's* Waverider, and maybe it doesn't look that impressive. Believe us when we say this downloadable Waverider has so much to offer! The inside has been kitted out with extreme attention to detail, and you'll be able to find a bridge with a Gideon hologram, a Captain's Office, a galley, a cargo bay, a medbay, a fabricator, an engine room, a library, a brig, and much more.

[tinyurl.com/MCW62TopTen8](http://tinyurl.com/MCW62TopTen8)

# 8

Just wait till you see inside!

# OSCORP BUILDING

# 7

We're going back to where it all began in *The Amazing Spider-Man* – to where Peter Parker received the bite that turned him into one of the most essential superheroes of all time. At least, in this part of the multiverse! This Oscorp build took over 35 hours to put together, and was constructed using bespoke blueprints based on the original structure's design. Incredibly, it reaches the 255-block height limit, and it took over one million blocks to get it up to the architects' perfectionist standards.

[tinyurl.com/MCW62TopTen7](http://tinyurl.com/MCW62TopTen7)

One million blocks and 35 hours later...

# IRON MAN'S HALL OF ARMOURS

We're still feeling nostalgic for the age of Iron Man, so if you're building a comprehensive world for Tony Stark to inhabit and you've thought past Avengers Tower, the new Avengers facility or his cliffside abode, why not get this Hall Of Armours, where Tony keeps Iron Man Mark 2, 3, 4 and 5? The Hulkbuster might not fit, but it's a lovely, bright area for you to keep the regular Iron Man suits.

[tinyurl.com/MCW62TopTen6](http://tinyurl.com/MCW62TopTen6)

# 6

Iron Man's very own walk-in wardrobe!

## FORTRESS OF SOLITUDE

In a frozen tundra, away from civilisation, exists a place for Superman to find solace, which also works as a handy headquarters if you're not feeling in the mood for too many guests. The Fortress is one of the most recognisable locations from DC. You can now download it straight into your world, and if you're kitting out a complete Justice League creation this will be the cherry on top.

[tinyurl.com/MCW62TopTen5](http://tinyurl.com/MCW62TopTen5)

5



Superman's frozen Fortress

Thanos's golden beauty!



4

## THANOS & INFINITY GAUNTLET

This 3D art of the mad Titan and his beloved golden gauntlet creation is just a snap away (sorry). In collecting the Infinity Stones to carry out his dastardly plan to rid the galaxy of half its living inhabitants, Thanos made life pretty terrible for everyone, not least of all the people who tried to stop it from happening. Thanos has now become one of the most memorable villains of the 21st century, so go ahead and marvel (sorry) at this lovely build, or even download it.

[tinyurl.com/MCW62TopTen4](http://tinyurl.com/MCW62TopTen4)

3

## XAVIER'S SCHOOL FOR GIFTED YOUNGSTERS



Home to budding superheroes

If you favour the X-Men when it comes to relatable superheroes, this X-Mansion could be just the ticket. Xavier's School For Gifted Youngsters is where all the cool kids hang out, and Charles Xavier's private estate has become home to some mutants who no longer feel they have one elsewhere in the world. It also exists as the base of operations and training site for the X-Men, and you could have a lot of fun here playing with Cerebro below ground. Elsewhere, there are plenty of classrooms to teach the new students what's what.

[tinyurl.com/MCW62TopTen3](http://tinyurl.com/MCW62TopTen3)



## ENDGAME SKYWARS MAP

It's time for the final showdown, and here's where things get real! Created as a Skywars battle where the Avengers can literally have your back, you'll find Thor, Captain America, Spider-Man, Hulk and more here already suited up, as it's time for you to hit the battlefield during a period of superhero history when humanity itself was on the brink of extinction. Thanos's new plans for the galaxy were unfolding, with only the Avengers standing in his way. Can't beat a bit of Skywars on an afternoon, and Marvel Skywars is just about as good as it gets.

[tinyurl.com/MCW62TopTen2](http://tinyurl.com/MCW62TopTen2)

Marvel Skywars, anyone? Yes please!



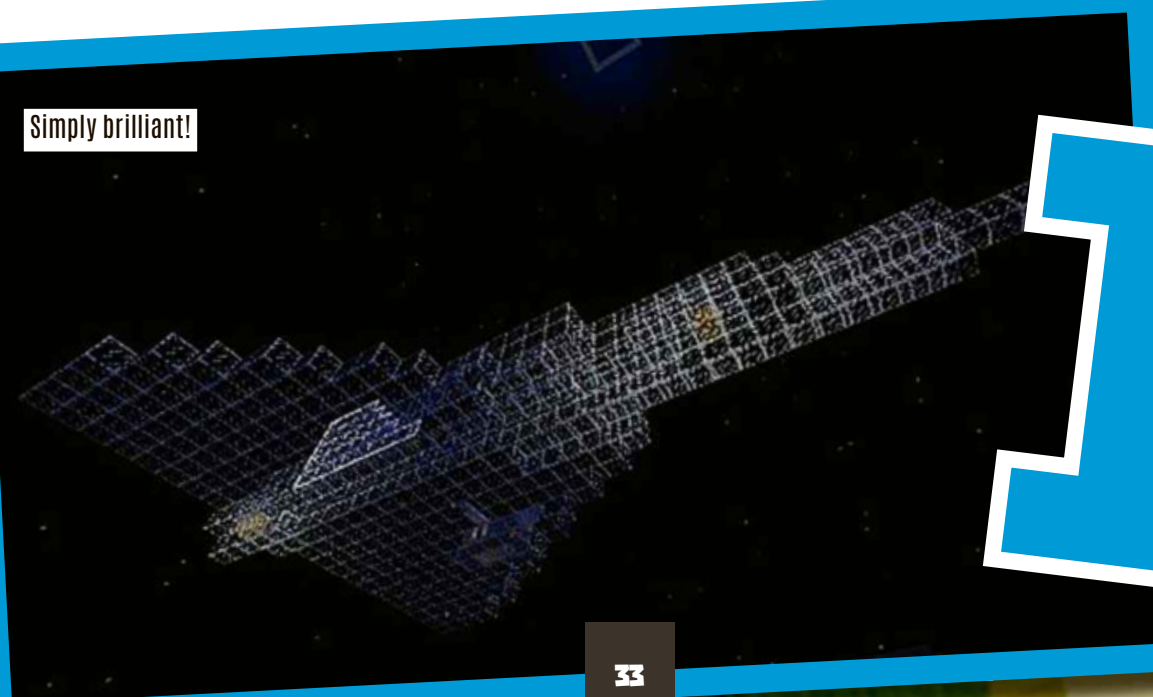
## WONDER WOMAN'S INVISIBLE JET

Taking the number one spot on our top ten this month is Diana Prince's Invisible Jet. Although there are plenty of intricate and worthy builds elsewhere on this list, none tickled us as much as this breathtakingly simple creation, and as the architect says: "someone had to do it!" Yep, you could

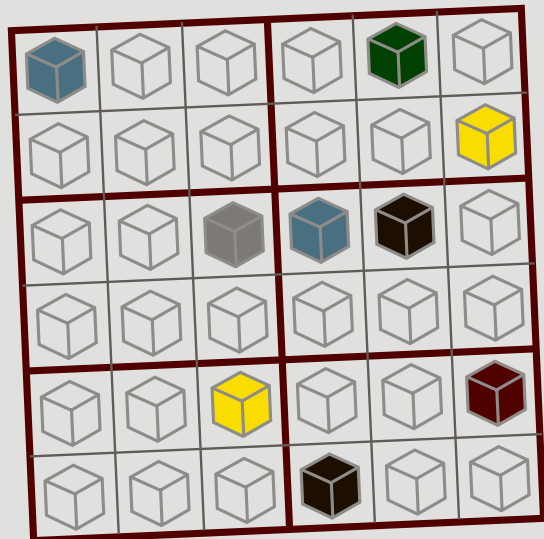
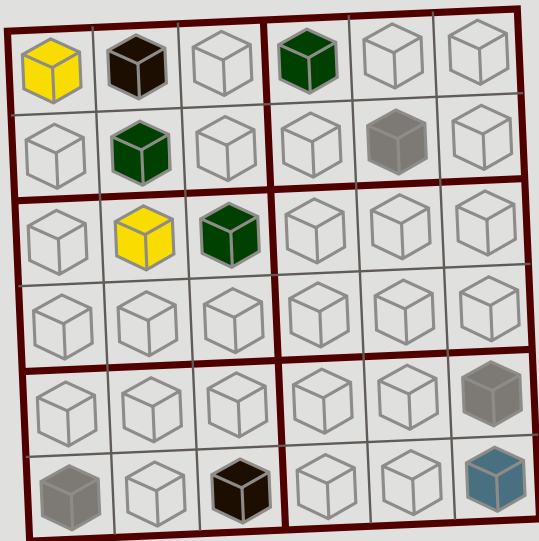
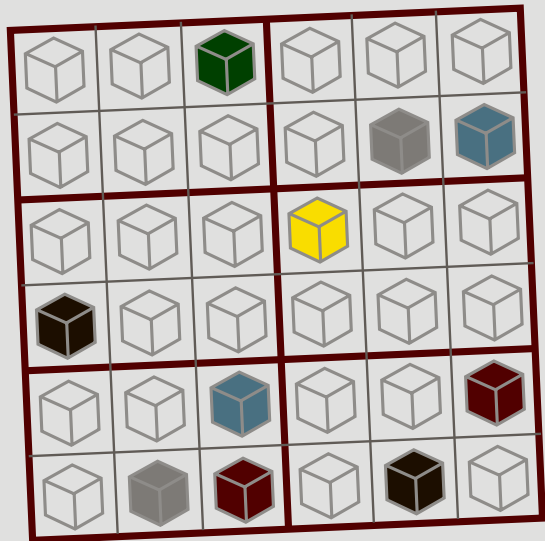
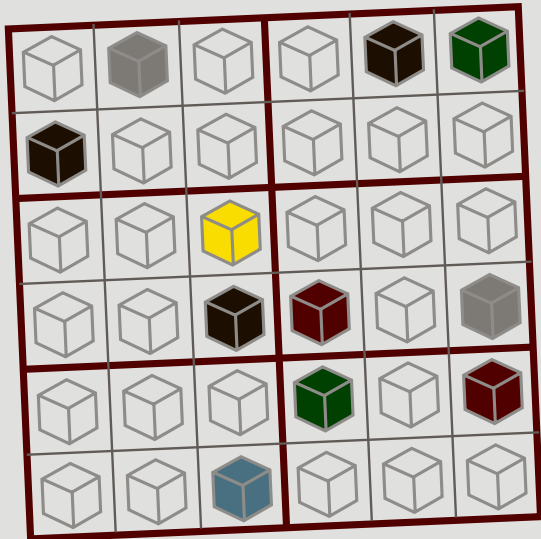
download the Invisible Jet straight from the source, but we have a funny feeling you could get this one done by yourself with a lot less effort than most superhero builds, so why not give it a try?

[tinyurl.com/MCW62TopTen1](http://tinyurl.com/MCW62TopTen1)

Simply brilliant!



# PUZZLE PAGES!



## BLOCKDOKU



Iron



Red Sandstone



Ice



Obsidian



Emerald



Gold

- Can you colour in the block grids above following three simple rules?
- 1) Each square must contain a block
  - 2) Each of the red rectangles must contain all six kinds of block
  - 3) No type of block can appear on any line twice, horizontally or vertically



# SPOT THE DIFFERENCE

Can you find the seven changes?

You'll find all the answers on p51!

# YOUR LETTERS!

**T**hank you to so many of you for taking the time to write in and tell us all about your fantastic Minecraft creations, collections, cakes and ideas! We love receiving all your interesting letters, so be sure to get in touch about anything Minecraft related!

You can write to us via email. Our address is: [incoming@everythingmw.com](mailto:incoming@everythingmw.com).

We look forward to hearing from you! Here's the latest collection of letters...

## FIONA'S BUILDS

My name is Fiona and these are three of my favourite creative builds: a water park, a castle in the sky (with a rollercoaster!) and a church.

*Fiona, Age 8*

***You really have been busy, Fiona! That's three very different, all brilliant builds, and you're clearly a talented Minecrafter. Thanks so much for sending these to us!***

## WINNER'S WORLD

Hello, I'm Gabriel (my Gamertag is Winner!!!). I thought I could show you my survival world, E.P.I.C.

The first picture shows my Obsidian Fortress, the second one shows you my Anvil Centre, the third shows you my School Bus and the fourth shows you my Base.

I love your magazine and I hope you put me in it. I hope you like my builds.

*Winner, Age 9*

***Love them, Gabriel/ Winner! Although that looks like quite a dangerous world to explore! Thanks for sending them to us, and keep up the epic work.***



# DAMIEN'S COLLECTION

Hi, I'm Damien, I'm 8 and I've been collecting Minecraft books and toys for over a year, and look at my collection now!

My favourite update of Minecraft was the Aquatic Update. My favourite thing about Minecraft is that I get to build gigantic hotels and other buildings. I wish there were cars in Minecraft.

*Damien, Age 8*

***We've loving that collection, Damien, not least the person in the middle of it with the mask on! We wish there were cars in Minecraft too, but perhaps you could build one? If you do, send it our way!***



# SANAAYA & CHLOE'S BUILD

Hello again! Me and my friend Chloe Girault have made a world called Popopop and it's amazing! Chloe wanted to be in the mag, so I sent the message to you because she doesn't have an account. Anyway, I have some screenshots and hope we're in the magazine!

*Sanaaya*

***The two of you absolutely are in our magazine, and we're proud to feature you. Brilliant work both of you, and we look forward to hearing from you again!***

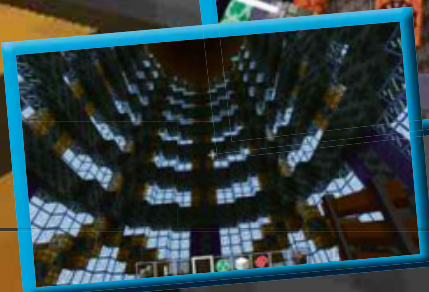
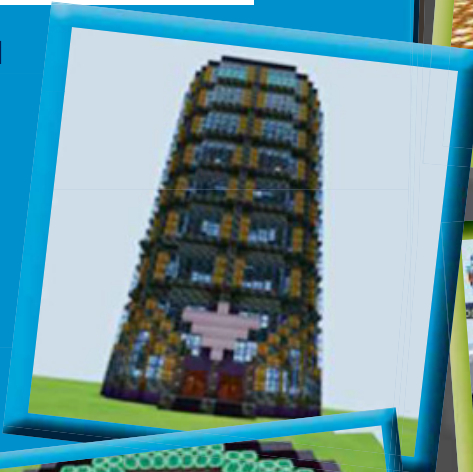


# BEN'S SKYSCRAPER

This is my very tall skyscraper. I hope you like it!

*Ben*

***We do! And it's a really tall skyscraper, isn't it?! That must have taken you ages to build, and very well done.***



## ARLO'S COLLAGE

Hi, my name is Arlo. I'm 7 and I play Bedrock Edition. This is a collage of Steve. He's crying because someone set his house on fire and then he realises some TNT is exploding at his feet.

Arlo, Age 7

***In fairness, Arlo, that would make us cry as well! It's a brilliant piece of work, and you're clearly a really talented artist. Keep up the excellent art!***



## OISIN'S COLLECTION

Hi again, I know it's been a long time, but you might remember me from Oisin's Figures in issue 54.

This isn't my full collection because I lost two books unfortunately. I've read all your magazines that I have because they're so interesting.

Also I have a YouTube channel called Kingdiecus and my goal is to get 100k subscribers, so if you could, would you please shout me out?

My collection is getting bigger and I plan to keep getting your magazines until you stop making them, but that will probably be a long time from now I hope. Your magazines are so good and please put me in issue 60 if you can. Thanks, bye for now!

Oisin

***Fantastic to hear from you again, Oisin, and that's a terrific collection. We're sorry you lost your books, but we thank you for buying our magazine, and wish you all the best with your YouTube channel. Hope to hear from you again soon!***



## TEDDY VS THE ENDERMAN

Hi, I did a drawing of me and an enderman. You can see that the enderman has half a heart left, but I have six and a half hearts left. All I did was hit him with my diamond sword!

Teddy, Age 7

***That's a great picture, Teddy, and we're absolutely confident that you're going to win that fight! Thank you for sending us your picture!***

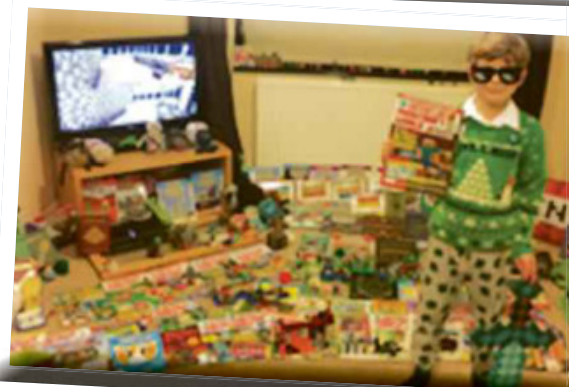


## GEORGE'S COLLECTION

Hello my name is George (age 8) from Buckinghamshire. This is my Minecraft collection and I hope you like it.

George

***It's brilliant, George. We love your jumper too! You stay amazing and thank you for buying so many of our magazines!***



# INDEPENDENT AND UNOFFICIAL GUIDE TO FORTNITE

HUNDREDS OF GREAT TIPS INSIDE

PICK THE PERFECT LANDING SPOT



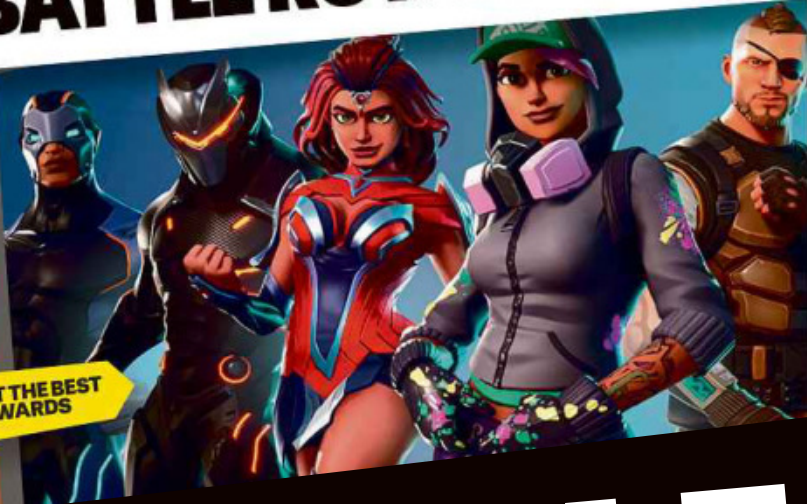
WINNING SQUAD TACTICS



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BEAT THE BIGGEST MONSTERS



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# LUCY'S BUILD

Hi, I'm Lucy and this is my first time writing to you. I've built an island with a beach, hotel and lots of other stuff too. I hope I get in.

Lucy

**With builds as good as that, there's no way you're not getting into the magazine! You're a brilliant Minecraft'er, Lucy, and we're now thinking of booking our summer holiday to your beach hotel!**

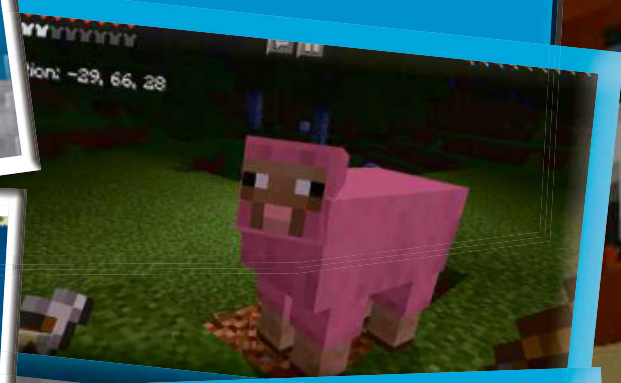


# PADDY'S ANIMALS

My name is Paddy (from issue 59) and I have some cool stuff to show you!

Paddy

**Lovely to hear from you again, Paddy, and hope you're keeping well. You look after those animals!**



# NOAH'S COLLECTION

Now don't think for a minute I'm a boy because I'm not. I love Minecraft, my top finds are Nether fortresses. I just wanted to show you my collection.

Noah, Age 8, almost 9

**Hi Noah and, if we're in time, a happy ninth birthday to you! It's great to hear from you, and thank you for adding our magazine to your excellent collection. Look forward to hearing from you again soon!**



# RYAN'S COLLECTION

Hi, my name is Ryan and I am 7 years old from Chicago, USA. My dad lives in London and every month I wait for him to get me a magazine when he comes to visit me. I really, really love your magazine and would like to share a picture of my collection and my Minecraft house with my dog with you. I would be super happy if you print my pictures!

Ryan, Chicago, Age 7

**Thanks so much, Ryan, and we're really happy that you like our magazine! Your collection is awesome, and we love your house build too. We hope you're looking after your dog, though - we'd hate it to fall off the roof!**



# CAMERON'S CHRISTMAS PRESENTS!

I've attached some pictures of all of the books and some LEGO that I got for Christmas! I hope you'll print them in the magazine, which I buy every month. I absolutely love your magazine and I love Minecraft.

*Thank you Cameron, Age 10*

***We love Minecraft too, Cameron, and we love your Christmas presents! We got some Minecraft LEGO as well and we loved putting it all together. You look after yourself and we look forward to hearing from you again!***



# SAMUEL'S PICTURES

Hi, my name is Samuel. I play Minecraft on my dad's PS3. I found a mansion and not only that I drew some pictures of a creeper and an enderman having a battle.

I also drew a picture of my favourite armour, my favourite block, my favourite mob, my favourite thing, my favourite weapon and my favourite animal. So please can I be in the magazine? Once, my mum said 'do you want a new game?' and I was like 'no, I would rather play Minecraft than have a new game!'. Bye for now.

*Sam*

***We feel like that about Minecraft too, Sam! It's hard to imagine finding the time to fit in another game. Thanks so much for your brilliant pictures!***



# FOOD EFFECTS

Eating is essential to stay alive in Minecraft, as in the real world. There's tonnes to eat, but what does it all do? You need to know about the game's three food aspects...

## HUNGER

The hunger bar must be kept full to allow you to perform at your best. A full hunger bar will let your health bar regenerate when you're injured. A low one will prevent you from sprinting. The hunger bar is drained by both time and effort, so the more active you are the quicker it depletes.

Hunger is visible, saturation isn't

## SATURATION

Saturation is an invisible value that determines how long it is until your hunger bar starts to deplete again after eating. Food with high saturation will keep your hunger bar full for longer.

## STATUS EFFECTS

Most food has no additional effects, but some apply status effects too. These temporary effects can help or hinder you, and they can all be cured by drinking a bucket of milk. Potential effects include:

**HUNGER**, which speeds up how quickly the hunger bar empties. At level I, it can

deplete almost four hunger points over 30 seconds. At level III, it depletes almost six over 15 seconds.

**REGENERATION**, which increases health over time. At level II, it adds two points every five seconds; at level IV, it adds almost three points every two seconds.

**POISON**, which inflicts two points of damage every five seconds.

**NAUSEA**, which distorts your vision.

The effects of nausea

## FRUIT & VEG

Fruit and vegetables are either grown or foraged, and generally quite weak, but they can often be combined into more complicated foodstuffs.

### APPLE

Restores four hunger points and 2.4 saturation.

### BAKED POTATO

Restores five hunger points and six saturation.

### BEETROOT

Restores one hunger point and 1.2 saturation.

### BEETROOT SOUP

Restores six hunger points and 7.2 saturation.

### CARROT

Restores three hunger points and 3.6 saturation.

### CHORUS FRUIT

Restores four hunger points and 2.4 saturation, but will also teleport the player several blocks in a random direction.

### DRIED KELP

Restores one hunger point and 0.6 saturation.

### MELON SLICE

Restores two hunger points and 1.2 saturation.

### POTATO

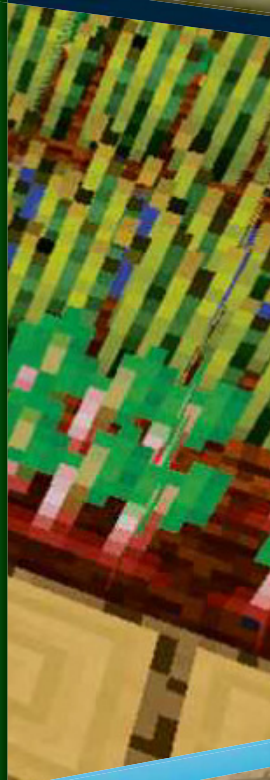
Restores one hunger point and 0.6 saturation.

### SWEET BERRIES

Restores two hunger points and 0.4 saturation. They can be planted to grow more sweet berry bushes and used to tame foxes.



Cooked meat has high saturation



## MEAT

You can get hold of various types of meat by killing friendly mobs!

### CHICKEN

Obtained by killing a chicken. Raw, it restores two hunger points and 1.2 saturation. Has a 30% chance of inflicting the Hunger effect for 30 seconds. Cooked, it restores six hunger points and 7.2 saturation.

### PORKCHOP

Obtained by killing a pig. Raw, it restores three hunger points and 1.8 saturation. Cooked, it restores eight hunger points and 12.8 saturation. Along with steak, cooked porkchops are the best all-round food item in the game.

### RABBIT

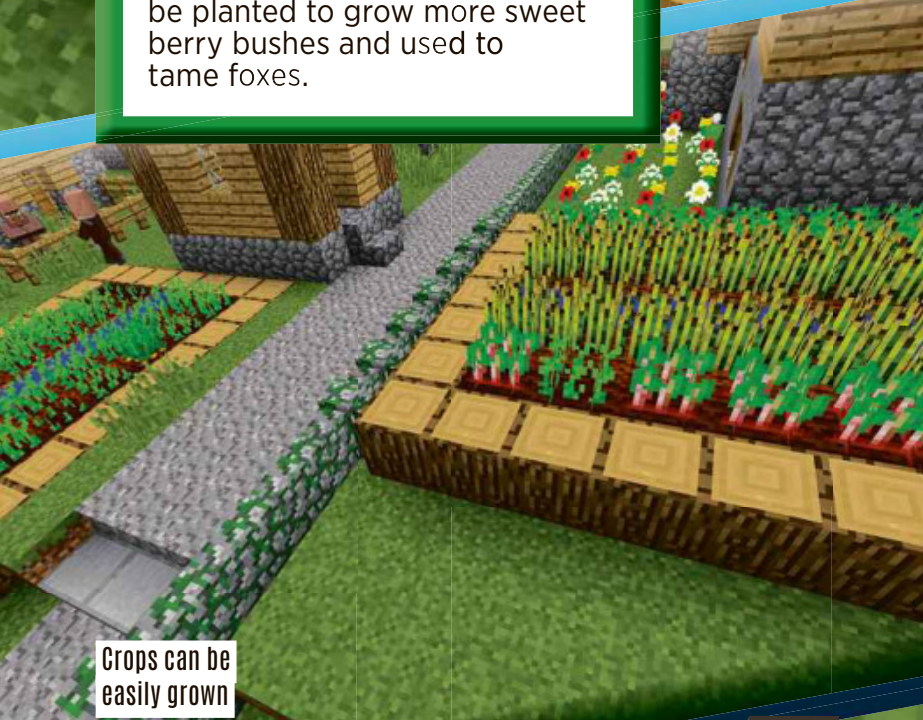
Obtained by killing a rabbit. Raw, it restores three hunger points and 1.8 saturation. Cooked, it restores five hunger points and six saturation.

### MUTTON

Obtained by killing a sheep. Raw, it restores two hunger points and 1.2 saturation. Cooked, it restores six hunger points and 9.6 saturation.

### RAW BEEF / STEAK

Obtained by killing a cow or mooshroom. Raw beef restores three hunger points and 1.8 saturation. If cooked, it turns into steak, which restores eight hunger points and 12.8 saturation. Along with cooked porkchop, it's the best all-round food item in the game.



Crops can be easily grown

## CRAFTED RECIPES

These food items are made by combining other, sometimes non-edible items and are generally very effective.

### BREAD

Restores five hunger points and six saturation.

### CAKE

Each slice restores two hunger points and 0.4 saturation. A whole cake restores 14 hunger points and 2.8 saturation. One cake fills the hunger bar quicker than any other item in the game.

### COOKIE

Restores two hunger points and 0.4 saturation.

### HONEY BOTTLE

Restores six hunger points and 1.2 saturation. Clears the Poison effect.

### MUSHROOM STEW

Restores six hunger points and 7.2 saturation.

### PUMPKIN PIE

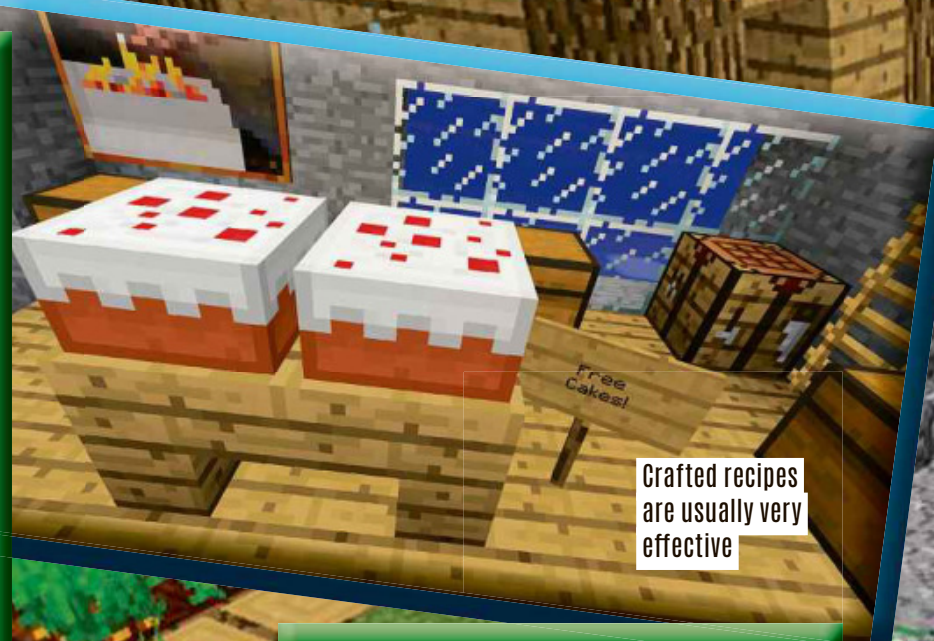
Restores eight hunger points and 12.8 saturation.

### RABBIT STEW

Restores 10 hunger points and 12 saturation. It's the most effective food item in the game, although it takes a lot of work to create and can't be stacked in the inventory.

### SUSPICIOUS STEW

Restores six hunger points and 7.2 saturation, but also applies a random effect from a list of Regeneration, Jump Boost, Poison, Wither, Weakness, Blindness, Fire Resistance, Saturation, and Night Vision. If the randomly applied effect is Saturation, it restores 13 hunger points and 21.2 saturation.



Crafted recipes are usually very effective

## FISH

Fish can most easily be caught using a fishing rod, but you can also kill some fish directly and collect them as a drop from certain mobs, such as polar bears or guardians.

### COD

Raw, it restores two hunger points and 0.4 saturation. Cooked, it restores five hunger points and six saturation.

### SALMON

Raw, it restores two hunger points and 0.2 saturation. Cooked, it restores six hunger points and 9.6 saturation.

### TROPICAL FISH

Can't be cooked. If eaten, it restores one point of hunger and 0.2 saturation. They're the least effective food item, and are better used for taming cats and ocelots.



Fish can also be cooked



## MAGIC ITEMS

Magical items are crafted or found and have special effects when eaten.

### GOLDEN CARROT

Restores six hunger points and 14.4 saturation. It restores more saturation points than any other food item – only a suspicious stew that applies the Saturation effect is better. Can also be brewed into a Potion of Night Vision.

### ENCHANTED GOLDEN APPLE

Restores four hunger points and 9.6 saturation. Grants Regeneration II (or IV on Bedrock Edition), Absorption IV, Resistance, and Fire Resistance effects.

### GOLDEN APPLE

Restores four hunger points and 9.6 saturation. Grants Regeneration II and Absorption effects.

## POISON ITEMS

Some foods are poisonous and should be avoided in all but the most extreme circumstances!

### POISONOUS POTATO

Restores two hunger points and 1.2 saturation. There's a 60% chance it will inflict Poison for four seconds.

### ROTTEN FLESH

Restores four hunger and 0.4 saturation, but has an 80% chance of inflicting the Hunger I effect for 30 seconds. Eating rotten flesh has a very slight positive effect overall, but it's very inefficient. Use the flesh to breed and tame wolves instead! You get the Iron Belly achievement for eating rotten flesh, and it counts towards both the Husbandry and A Balanced Diet advancements.

### SPIDER EYE

Restores two hunger points and 3.2 saturation. Also inflicts Poison for four seconds.

### PUFFERFISH

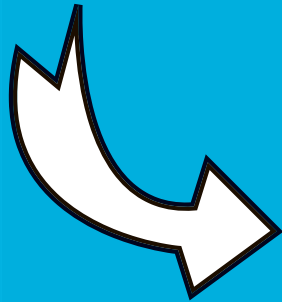
Restores one hunger point and 0.2 saturation, as well as inflicting Hunger III for 15 seconds, Nausea II for 15 seconds, and Poison IV for 60 seconds.

Pufferfish are poisonous!

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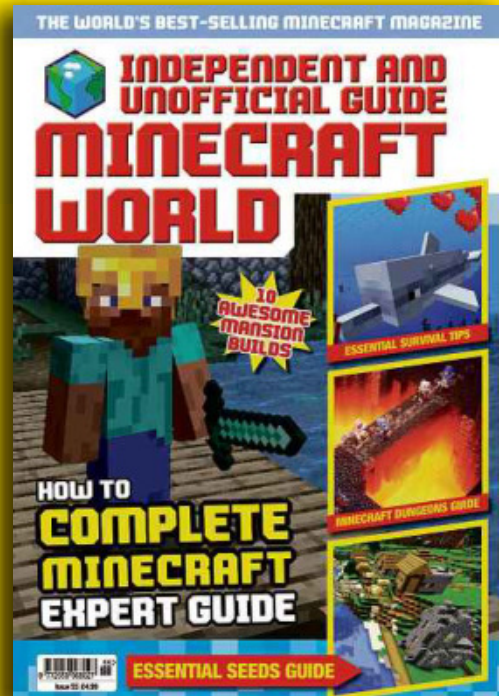
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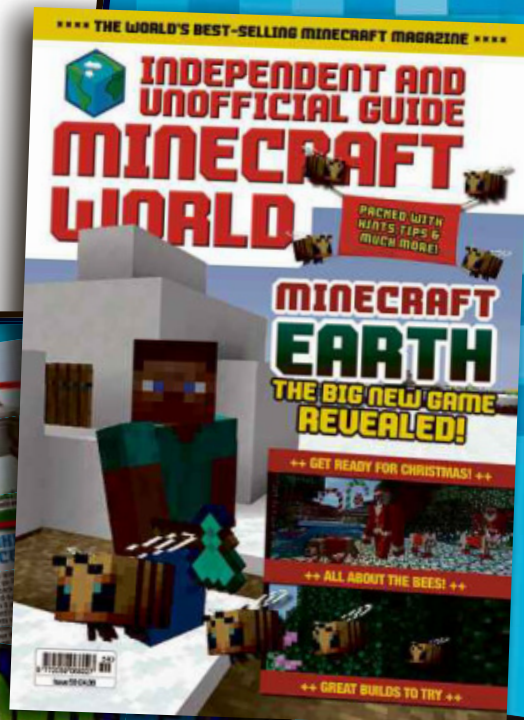
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# CAN YOU BUILD THIS?

Every month, we're challenging readers to copy - and improve - on a thing we've built. This month: a bouncy castle!

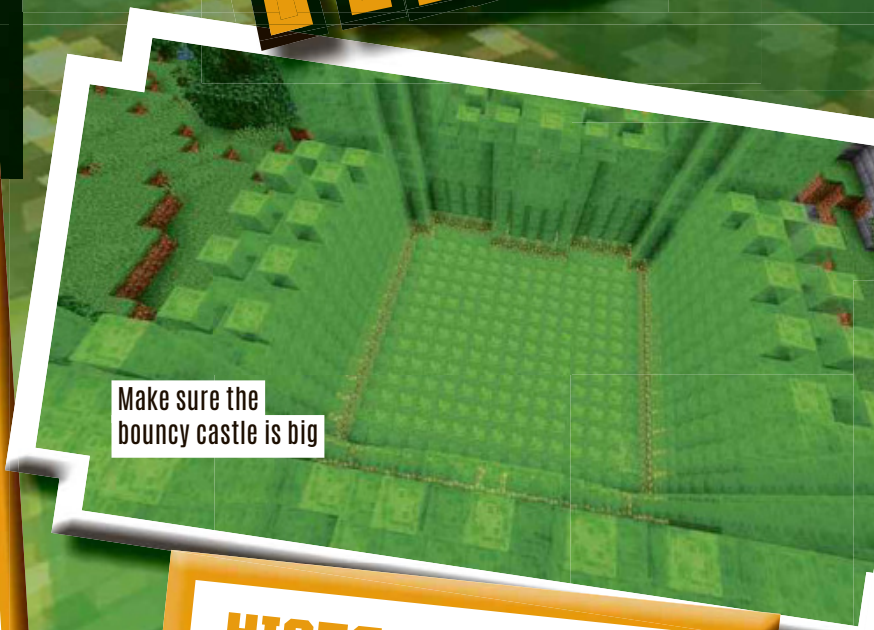
## BUILD SPECS

There's nothing like the thrill of a bouncy castle, and if you've ever wanted your own funfair experience Minecraft has the tools you need to make it work. So why not prepare the slime and inject a little fun into your world with an all-slime, all-natural bouncy castle build?

Here are the things your build needs to have to qualify:

- A LOT of slime blocks for bouncing on
- Turrets at each corner in the shape of a castle
- Some lighting (to keep out mobs)
- An entrance so you can get in and out

Other than that, you're free to try whatever you want!



Make sure the bouncy castle is big

## HINTS AND TIPS

Make sure your build isn't too small. Bouncing on slime blocks is only fun if you get to do it from a high enough height that you can actually experience a few decent bounces! You'll never be able to bounce higher than about 70 blocks, but the higher you start from the easier it is!

Don't bother with a roof - otherwise you'll just end up hitting the ceiling and losing your momentum! Walls are important, though, as you need to make sure there are walls you can't bounce over. If you land somewhere other than slime or water, you're going to take a lot of fall damage, and that could be fatal!



All aboard for bouncing fun!



## FINISHING TOUCHES

Make your bouncy castle look as much like a castle as possible. That means turrets at each corner, and ramparts on the turrets, and maybe more besides! You could build a drawbridge, windows, anything to make it look more like a real castle. Except, of course, it's made of slime blocks not stone!

Take care to put lighting underneath the floor. The slime blocks will let some light through, so you can use glowstone or sea lanterns to give it a nice effect AND make sure it's bright enough to keep out the mobs. Of course, fighting mobs on a bouncy castle COULD be fun, but we'd prefer to avoid it, thanks!

Try to make it easy to get around - slime is sticky!

Lighting is necessary for keeping mobs away

## WHAT TO DO NEXT!

Why not build a super-high platform so you can launch yourself from a great height and try to get the highest bounce possible? The hard part is making sure you don't miss on the way down!

You could place coloured concrete blocks under the slime blocks to mark out targets or other pictures. Try to make a game of jumping from somewhere high and hitting the right spot.

Your castle doesn't HAVE to be a castle - you can make bouncy versions of anything. Just make sure you build everything out of slime, though!

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# MINECRAFT CREATION OF THE MONTH

Each month, we take a look at some of the amazing things people are creating in Minecraft so that you can try them out yourselves or use them as inspiration for whatever you build next!

## ADVENTURE MAP: SUPER MARIO 16

Do you like Mario! Of course you do! That's why we've featured this awesome Mario-themed map from MinecraftMaps user Henzoid. Based around the classic Super Mario Bros. game, it allows you to jump and smash your way across a Mario-based world in search of – who else? – Princess Peach!

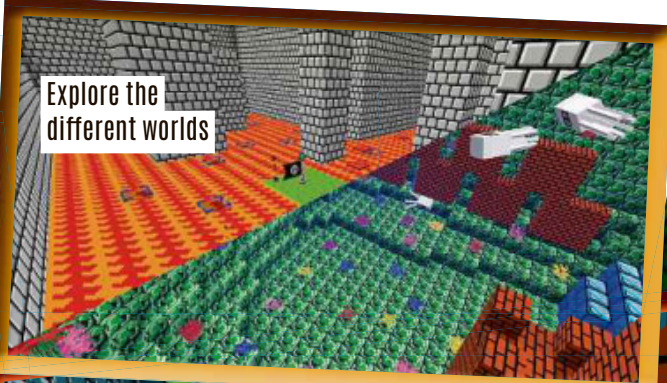
There's a custom resource pack to make things look even more Mario-like, which you can download separately from the link opposite. The whole story should take 30-60 minutes to complete, so it isn't very difficult, but you'll probably want to spend longer playing it to see everything!

## WHAT TO LOOK FOR

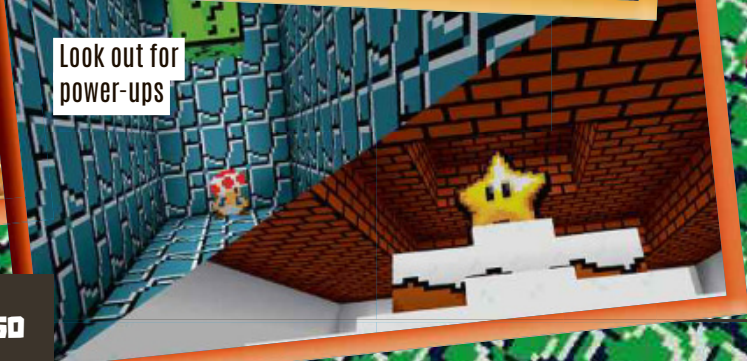
- The different worlds that match those seen in the Mario Games
- Can you find all the power-ups?
- Watch out for Mario's enemies!
- See if you can collect all the coins

## WHERE TO GET IT


PC users can download it from: [tinyurl.com/mw-smb16](http://tinyurl.com/mw-smb16) (click "Download Minecraft Map"). Remember to ask an adult to help you install it!



Explore the different worlds



Look out for power-ups

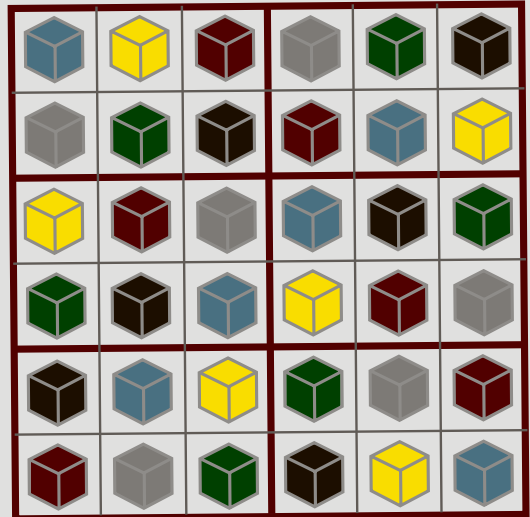
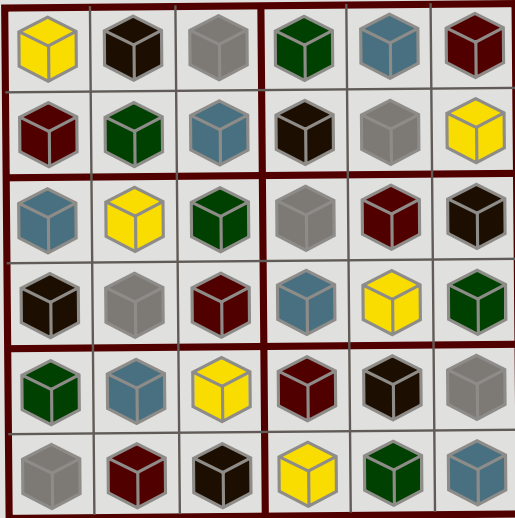
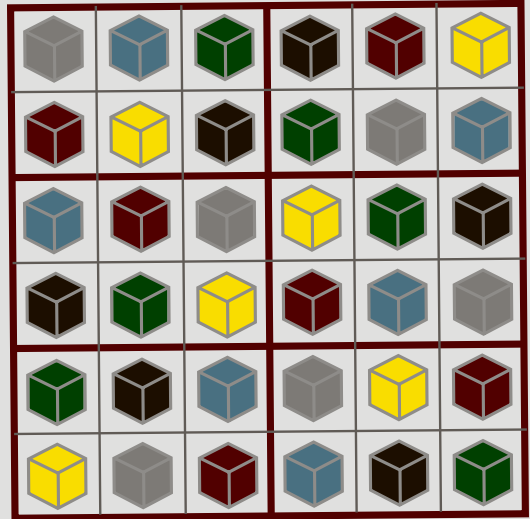
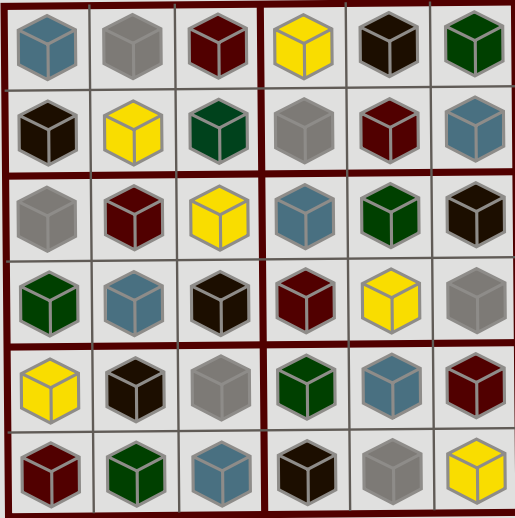


Jump and smash across the map

# ANSWERS

ANSWERS

## BLOCKDOKU



## SPOT THE DIFFERENCE



fitbit ace 2

ACTIVITY TRACKER FOR KIDS 6+

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We're giving one lucky reader the chance to win a Fitbit Watch! Just answer this question...

**WHICH OF THESE BIOMES IS COMING TO MINECRAFT?**

Is it a) Mountains or b) London?

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**CLOSING DATE  
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