

Minecraft Education

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Spawning

See also: Creaking Heart § Spawning mechanics

Creakings spawn when an activated creaking heart is triggered at nighttime. To activate the heart, it must be placed between two pale oak blocks (pale oak logs, pale oak wood, stripped pale oak logs, or stripped pale oak wood) with the same orientation as the heart and along the same axis (for example, all three oriented along the Y axis, stacked on top of each other). When these conditions are met and the creaking heart is within the Overworld, a creaking spawns within 16 blocks horizontally and 8 blocks vertically of the creaking heart. The spawned creaking is linked to this creaking heart. The creaking heart does not deactivate even if its surrounding logs are broken or moved via pistons when the creaking is out.

Unlike most monsters, a creaking can spawn on some blocks that prevent other mobs from spawning. Items that can be placed but do not have a collision box (buttons, glow lichen, levers, rails, redstone dust, pressure plates, torches and its variants) and full blocks that are transparent (glass, ice, scaffolding) that normally prevent mob spawns do not prevent creakings from spawning. However, blocks with a hitbox that is not a full block, such as carpets, do prevent creakings from spawning.

If a creaking linked to a creaking heart is killed with a command during night, or moves more than 32 blocks away from its creaking heart, the creaking heart attempts to spawn a new creaking.

The creaking can also be spawned using its spawn egg or commands. Creakings spawned by these methods do not vanish during the day, are not linked to any creaking heart, can take damage normally, and can go through portals without dying.

Drops

On death

Creakings do not drop any items or experience on death.

Behavior

Unalerted or idle

Newly spawned creakings begin in an unalerted state. While in this state, their eyes are dimly lit and they walk around aimlessly.

Idle creakings are not immediately hostile to the player, but become hostile once they enter the player's field of vision.

Alerted or attacking

When a creaking within approximately 12 blocks enters a player's field of vision, it becomes alerted. This is signified by an “activation” sound and its eyes glowing a brighter orange. While alerted, the creaking attempts to move toward and attack the player, moving only when outside of the player's field of vision (such as behind the player or hidden behind blocks). An alerted creaking moves very quickly, faster than an attacking vindicator, being able to close distances in a matter of seconds.



A creaking chasing the player when they look away from it.

When within a player's field of vision, the creaking becomes completely immobile and can no longer attack, nor can it be pushed or knocked back by player attacks. If all nearby players leave the creaking's detection range (or enter Creative or Spectator mode), the creaking returns to its unalerted state.

Creakings inflict 2.5 (♥ × 1.25) melee damage in Easy difficulty, 3 (♥♥) in Normal difficulty, and 4 (♥♥♥) in Hard difficulty.

Field of view detection

If a Survival or Adventure mode^[1] player's facing direction (both pitch and yaw) is within 60° of the creaking without blocks obstructing, the creaking becomes immobile. Changing the field of view (FOV) or entering third person view does not affect this detection. Glass, stained glass, tinted glass, iron bars, copper bars, and powder snow do not count towards the obstruction.

If a player is wearing a carved pumpkin, any creakings within their first-person FOV can still move. Wearing a carved pumpkin does not prevent an unalerted creaking from becoming

alerted.

Linked to a creaking heart

See also: Resin Clump § Post-generation

A creaking spawned by a creaking heart is linked to it and becomes completely invulnerable to all sources of damage (except for the void and /kill). If necessary, it safely navigates on or through hazardous blocks such as magma blocks, powder snow and lava. When the creaking is hit by a player-caused source, it sways and produces a trail of orange/gray particles that move in the direction of its connected creaking heart, and resin clumps grow on pale oak logs near the creaking heart during night-time. Hitting a named creaking during the day does not place resin clumps near its heart.

Each creaking heart has a 32-block Euclidean-radius surrounding it, where its linked creaking resides in. The creaking never intentionally moves beyond this radius from its creaking heart, even when pursuing a player. If it is pushed out of this radius, such as with pistons or knockback, it dies.

Other attributes

Creakings cannot enter minecarts^[*Bedrock Edition only*] or boats.

While an immobilized creaking cannot be moved or pushed directly by players, it can still be moved via other methods. This includes water, lava, explosions, pistons, falling blocks, wind charges and attacks from some mobs. Iron golems, hoglins, zoglins, ravagers and wardens are able to fling the creaking into the air, and shulker bullets can give creakings the Levitation effect.

Creakings can naturally swim and float on the surface of water or lava, but will sink when they are immobilized from being observed.

Creakings spawned from creaking hearts are not subject to the Infested, Oozing, Wind Charged or Weaving status effects. However, creakings spawned using a spawn egg or commands are affected by these status effects as expected.

Pillagers, evokers, vindicators, and illusioners^[*JE only*] flee from creakings when within 8 blocks. Vindicators with the name tag "Johnny" alternate between fleeing from creakings and attempting to attack them.

With Vibrant Visuals, the eyes of creakings are emissive similar to eyeblossoms. Combined with the dense fog in the pale garden and nighttime, the emissive eyes are often the only part visible from a distance.

Redstone component

Because a creaking will sink in water (or lava) while being observed, but float while not being observed, a pressure plate or similar means can be used to produce a redstone signal while a

creaking is being looked at, due to it sinking down and activating it. Note that an unobserved creaking will bob up and down in liquid, which can cause it to sometimes activate a pressure plate even if not being looked at. Giving a creaking enough space to bob prevents this.

Additionally, a [redstone comparator](#) can produce a signal by reading a creaking heart linked to a currently-spawned creaking. The produced signal strength is based on the [Euclidean distance](#) between the creaking and its heart, which is calculated as follows:

$$\text{output} = 15 - \left\lfloor \frac{\text{distance}}{32} \times 15 \right\rfloor$$

In other words, the closer a creaking is to its heart, the stronger the signal.

Despawning

Naturally-spawned creakings despawn during daytime, unless they have been named with a [name tag](#). They also despawn if they are outside the 32-block radius around their linked [creaking heart](#), or if they remain within the same block as a player for longer than 5 seconds, immediately respawning near the heart in both cases.

Death

Being invulnerable, naturally-spawned creakings cannot be killed by normal means. To kill a creaking, the player must destroy the creaking heart block it is linked to. Once the linked creaking heart is destroyed, the creaking twitches briefly before dying. This counts as the player who mined the block killing the creaking with regard to [advancements](#) and [statistics](#).

Sounds

Java Edition:



A creaking twitches before dying.

| Sounds [hide] | | | | | | | | |
|----------------------------|------------------------|---------------|--|--------------------------------------|---|--------|---------|----------------------|
| Sound | <u>Closed captions</u> | <u>Source</u> | <u>Description</u> | <u>Identifier</u> | <u>Translation key</u> | Volume | Pitch | Attenuation distance |
| | Creaking watches | Hostile Mobs | When a creaking sees a player | entity. .creaking. .activate | subtitles. .entity. .creaking. .activate | 1.0 | 0.8-1.2 | 16 |
| | Creaking calms | Hostile Mobs | When a creaking stops seeing any players | entity. .creaking. .deactivate | subtitles. .entity. .creaking. .deactivate | 1.0 | 0.8-1.2 | 16 |
| | Creaking moves | Hostile Mobs | When a creaking becomes able to move | entity. .creaking. .unfreeze | subtitles. .entity. .creaking. .unfreeze | 1.0 | 0.8-1.2 | 16 |
| | Creaking stops | Hostile Mobs | When a creaking becomes unable to move | entity. .creaking. .freeze | subtitles. .entity. .creaking. .freeze | 1.0 | 0.8-1.2 | 16 |
| | Creaking creaks | Hostile Mobs | Randomly while active | entity. .creaking. .ambient | subtitles. .entity. .creaking. .ambient | 1.0 | 0.8-1.2 | 16 |
| | Creaking attacks | Hostile Mobs | When a creaking attacks something | entity. .creaking. .attack | subtitles. .entity. .creaking. .attack | 1.0 | 0.8-1.2 | 16 |
| | Creaking crumbles | Hostile Mobs | When a creaking dies | entity. .creaking. .death | subtitles. .entity. .creaking. .death | 1.0 | 0.8-1.2 | 16 |
| | Creaking manifests | Hostile Mobs | When a creaking is summoned by a creaking heart | entity. .creaking. .spawn | subtitles. .entity. .creaking. .spawn | 1.0 | 0.8-1.2 | 16 |
| | Creaking is hit | Hostile Mobs | When something attempts to damage a creaking | entity. .creaking. .sway | subtitles. .entity. .creaking. .sway | 1.0 | 0.8-1.2 | 16 |
| | Creaking twitches | Hostile Mobs | When a creaking twitches after its creaking heart is destroyed | entity. .creaking. .twitch | subtitles. .entity. .creaking. .twitch | 1.0 | 0.8-1.2 | 16 |

| | | | | | | | | |
|--|-----------------|--------------|-----------------------------|------------------------------|---|------|---------|----|
| | Footsteps | Hostile Mobs | While a creaking is walking | entity .creaking .step | subtitles .block .generic .footsteps | 0.15 | 1.0 | 16 |
| | Something hurts | Hostile Mobs | When a creaking is damaged | entity .hostile .death | subtitles .entity .generic .death | 1.0 | 0.8-1.2 | 16 |


Bedrock Edition:

| Sounds [hide] | | | | | | | |
|----------------------------|---|--------------|--|-----------------------------|---|--------|-------|
| Sound | Closed captions <i>[upcoming: BE 26.0]</i> | Source | Description | Identifier | Translation key <i>[upcoming: BE 26.0]</i> | Volume | Pitch |
| | ? | Hostile Mobs | When a creaking sees a player | mob.creaking .activate | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking stops seeing any players | mob.creaking .deactivate | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking becomes able to move | mob.creaking .unfreeze | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking becomes unable to move | mob.creaking .freeze | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | Randomly while active | mob.creaking .ambient | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking attacks something | mob.creaking .attack | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking dies | mob.creaking .death | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking is summoned by a creaking heart | mob.creaking .spawn | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When something attempts to damage a creaking | mob.creaking .sway | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | When a creaking twitches after its creaking heart is destroyed | mob.creaking .twitch | ? | 1.0 | 1.0 |
| | ? | Hostile Mobs | While a creaking is walking | mob.creaking .step | ? | 1.0 | 1.0 |


Data values

ID

Java Edition:

| Name | Identifier | Translation key [hide] |
|--|------------|-------------------------------------|
|  Creaking | creaking | entity.minecraft.creaking |

Bedrock Edition:

| Name | Identifier | Numeric ID | Family | Translation key [hide] |
|--|------------|------------|----------------------|-------------------------------------|
|  Creaking | creaking | 146 | creaking mob monster | entity.creaking.name |

Entity data

Creakings have entity data associated with them that contains various properties.

Java Edition^[*verify*]:

Main article: Entity format



Entity data

| |
|------------------------------------|
| Tags common to all entities |
| Tags common to all mobs |




Bedrock Edition:

See Bedrock Edition level format/Entity format.

Achievements

| [hide] | | | | | | |
|---|---|-----------------------|-------------------------------|---|-------------------|------------------|
| Icon | | Achievement | In-game description | Actual requirements (if different) | Gamerscore earned | Trophy type (PS) |
| PS4 | Other | | | | | |
|  |  | <u>Monster Hunter</u> | Attack and destroy a monster. | Kill <i>one</i> of these 41 monsters: [show] Other mobs may be killed, but are ignored for this achievement. | 15 | Bronze |

Advancements

| Icon | Advancement | In-game description | Actual requirements (if different) [hide] |
|---|------------------------------------|---|---|
|  | Heart Transplanter | Place a Creaking Heart with the correct alignment between two Pale Oak Log blocks | — |
|  | Monster Hunter | Kill any hostile monster | Kill <i>one</i> of these 41 monsters : [show] Other mobs may be killed, but are ignored for this advancement. |
|  | Monsters Hunted | Kill one of every hostile monster | Kill <i>each</i> of these 41 monsters : [show] Other mobs may be killed, but are ignored for this advancement. |

Advancements that apply to all mobs:

[\[show\]](#)


Advancements that apply to non-[creaking heart](#) creakings:

[\[show\]](#)





Videos

History







Announcement

| | |
|---|--|
| September 24, 2024 (https://web.archive.org/web/20240924180401/https://www.minecraft.net/en-us/live) | A version of the <i>Minecraft Live</i> page announcing the <u>pale gardens</u> and creaking is published, by mistake. It is taken down in the following minutes. |
| <u>September 28, 2024</u> |  Creakings are officially announced at <u>Minecraft Live 2024</u> . |


Java Edition

| <i>Java Edition</i> [hide] | | |
|---|---------------|---|
| 1.21.2 — Experiment — Winter Drop | 24w40a |  Added creakings. |
| | | Creakings spawned by creaking hearts use a separate entity type known as <code>creaking_transient</code> . These creakings are not saved to file and disappear when the world is reloaded. Using <code>pick block</code> on them in Creative doesn't give the player a spawn egg. |
| | pre1 | Creakings no longer freeze or activate around players in <code>Creative</code> mode. |
| | | Creakings can no longer be named with a <code>name tag</code> if summoned via a creaking heart. |
| 1.21.4 | 24w44a | Creakings now deal 3 (❤️❤️) damage. |
| | | Creakings now ignore <code>cacti</code> , <code>sweet berry bushes</code> , and <code>powder snow</code> and can walk through those blocks. |
| | |  Creakings now have a twitching animation when its creaking heart is destroyed. |
| | | Creakings are now fire resistant. |
| | |   Changed walking and attacking animations. |
| | 24w45a | Creakings now don't move only if a player in Survival or Adventure mode is looking at it, meaning the <code>Creative</code> players can look at creakings and it would still move. |
| | | The eyes of creakings are now visible when they have the <code>Invisibility</code> effect. |
| | | The subtitles for <code>activate</code> , <code>deactivate</code> , <code>death</code> , <code>spawn</code> & <code>sway</code> have been changed. |
| | 24w46a | The <code>creaking_transient</code> entity type is removed. |
| | | The statistics screen now shows correct stats from creakings, both produced by a <code>spawn egg</code> and from a <code>creaking heart</code> . |
| | | Creakings now persist when the world is reloaded. |
| | | Using <code>pick block</code> on a naturally-spawned creaking in Creative mode now gives a spawn egg. |
| | | The attack sounds have been updated. |
| | | The entity shadows of creakings are now more appropriate for their size. |
| 1.21.5 | 25w02a | Naturally spawned creakings can now be named with name tags again. |
| | | Named naturally spawned creakings will persist through the day. |

Bedrock Edition

| <i>Bedrock Edition</i> [hide] | | |
|--|-------------------------------------|---|
| <u>1.21.50</u> | Preview <u>1.21.50.20</u> |  Added creakings. |
| | |   They have different walk and attack animations to <i>Java Edition</i> . |
| | Preview <u>1.21.50.25</u> | Increased speed when aggravated. |
| | | Increased damage dealt. |
| | |  When a creaking heart is destroyed, its creaking now twitches for a few seconds before dying. |
| | | Creakings spawned by a creaking heart now crumble when in a small space with a player for more than five seconds. |
| | | Creakings dying now activates <u>sculk catalysts</u> , but <u>sculk</u> does not spread. |
| | |   Changed walking and attacking animations. |
| | | Creakings spawned by creaking hearts no longer avoid damaging blocks. |
| | | Creakings spawned by a command or spawn egg now avoid damaging blocks. |
| | | Creakings spawned by a command or <u>spawn egg</u> are no longer invulnerable to fire and lava. |
| | | Decreased attack speed to match <i>Java Edition</i> . |
| <u>1.21.60</u> | Preview <u>1.21.60.21</u> | Creakings now crumble if their <u>creaking heart</u> is forcibly deactivated through commands. |
| | Preview <u>1.21.60.23</u> | The eyes of creakings are now visible when they have the <u>Invisibility</u> effect and are targeting a player. ^[2] |
| | Preview <u>1.21.60.24</u> | Creaking's eyes now properly flicker when its creaking heart is destroyed. |
| | | Creaking spawned from creaking hearts now always persist upon reloading the world. |

Minecraft Education

| <i>Minecraft Education</i> [hide] | | |
|--|---------------------------------|--|
| <u>1.21.90</u> | Preview <u>1.21.50.1</u> |  Added creakings. |

Issues

Issues relating to "Creaking" are maintained on the bug tracker. Issues should be reported and viewed there (<https://bugs.mojang.com/issues/?jql=project%20in%20%28MC%2C%20MCPE%2>

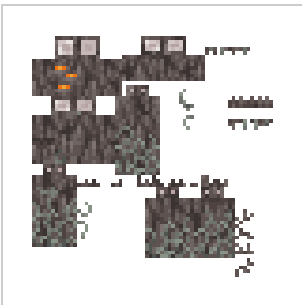
9%20AND%20%28resolution%20is%20EMPTY%20OR%20resolution%20in%20%281%2C%202%2C%206%29%29%20AND%20%28summary%20~%20%22Creaking%22%29%20ORDE R%20BY%20resolution%20DESC).

Trivia

- The creaking is actually rooted to the ground and cannot be pushed as a result; this can be further seen with the animations of the creaking with it only seen moving one leg at a time.^[3] A creaking connected to a creaking heart is also connected to the pale tree roots.^[4]
- The creaking was made asymmetrical to emphasize its contrast with the rest of the Overworld and make it different from other mobs.^[5]
- Some of the sounds used for the creaking are made using teeth, dead sticks and leaves, a creaky chair, a table, and pretzel sticks,^[6] as well as Anthony Toczek's knuckles cracking.^[7]
- During the Minecraft Live 2024 Developer after-show, Marco Ballabio jokingly claims that a group of creakings is called a crunch.^[8]
- Chiseled resin bricks feature the face of a creaking on them.
- In a photo tweeted by the official *Minecraft* Twitter account, the creaking's body appears reversed, with the eyes mirrored.^[9] Its body also appears reversed in the key art of The Garden Awakens.
- During the Minecraft Live 2024 event, in which they were introduced, their texture was much darker and their eyes were more yellowish.
- Toward the end of the second *Villager News* segment in this livestream, when a villager places a creaking heart, the particles that appear when the creaking is summoned resemble those that appear when hitting a creaking in-game. This, however, does not occur in-game.

Gallery

Textures



The creaking texture file

Animations



Creaking walking



Creaking swaying

Creaking attacking in
Java EditionCreaking attacking in
Bedrock Edition

Creaking twitching

Development renders

Creaking walking
(animation used in
Bedrock Edition from
Preview 1.21.50.20 to
1.21.50.24)Creaking attacking
(animation used in
Bedrock Edition from
Preview 1.21.50.20 to
1.21.50.24)Creaking attacking
(animation used in
Bedrock Edition from
unknown Preview)

Concept artwork



Different concepts for the creaking.

Screenshots



A creaking with the Invisibility effect.



A creaking at night staying still after it noticed a player.

Mojang images



The creaking in Minecraft Live.



A creaking above a pale garden tree leaves in the sunlight.



A creaking standing on a pale oak tree.



Creaking hearts and creakings in a mini-game setup.



A creaking at night.



A creaking by a creaking heart.



Sunny being chased by a crunch of creakings.



Several creakings assembled together.

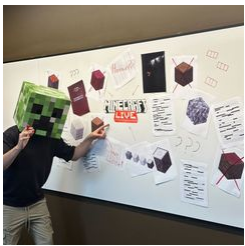


A creaking through a peephole.

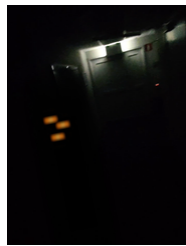


Efe facing a creaking while wearing copper armor.

In other media



A whiteboard teasing the creaking.



A frame from a Minecraft official TikTok video teasing the creaking.



A teaser image of the creaking killing the player near a pale garden.



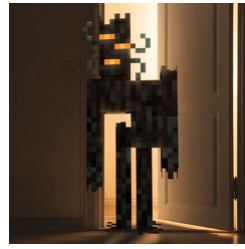
The creaking as it appears in the *Villager News* segment of Minecraft Live 2024.



Creakings lurking in a pale garden while Steve, Ari, and Zuri hide.



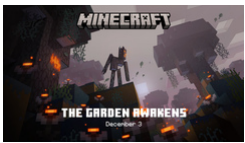
A creaking standing in a doorway.



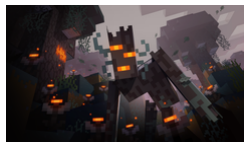
Ditto, but cropped to a square format.



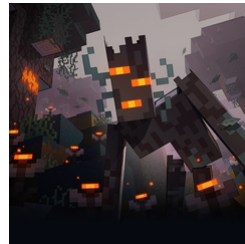
A creaking, along with other mobs in a pumpkin patch.



A creaking as it appears in the official update art.



A creaking as it appears in the key art.



Cropped format.



Creaking from alternate The Garden Awakens key art.



"Creaking creeping in the pale garden."



A creaking slowly approaching in a 1 day out teaser for its release.



A creaking silhouette in the fog.



A creaking lurking in grass.



A creaking closeup to the camera, right before its official launch.

A creaking wearing a pale garden hoodie.

Creaking in the mob vote/biome vote pixel art style.

References

1. [MCPE-187328](#) — resolved as "Works As Intended".
2. [MCPE-188259](#) — The eyes of creakings aren't visible when creakings have the invisibility effect — resolved as "Fixed".
3. "Minecraft Live 2024: Developer After-Show" (<https://youtube.com/watch?v=rez5M40j5fg&t=3m57s>) – Minecraft on YouTube, September 28, 2024
4. "Minecraft Live 2024: Developer After-Show" (<https://youtube.com/watch?v=rez5M40j5fg&t=4m10s>) – Minecraft on YouTube, September 28, 2024
5. "Minecraft Live 2024" (<https://youtube.com/watch?v=qnX6sPFjXnA&t=1548s>) – Minecraft on YouTube, September 28, 2024
6. "Minecraft Live 2024" (<https://youtube.com/watch?v=qnX6sPFjXnA&t=1635s>) – Minecraft on YouTube, September 28, 2024
7. "Sounds of my knuckles cracking were recorded and incorporated into the creaking sound effects in Minecraft." (https://twitter.com/Anthony_Toczek/status/1944792298388103241) – [@Anthony_Toczek](https://twitter.com/Anthony_Toczek) (https://twitter.com/Anthony_Toczek) on X (formerly Twitter), July 14, 2025
8. "Minecraft Live 2024: Developer After-Show" (<https://youtube.com/watch?v=rez5M40j5fg&t=20m40s>) – Minecraft on YouTube, September 28, 2024
9. "Get ready" (<https://twitter.com/Minecraft/status/1863614797989761298>) – [@Minecraft](https://twitter.com/Minecraft) (<https://twitter.com/Minecraft>) on X (formerly Twitter), December 2, 2024

Navigation

| | | |
|--------------------------|---|--|
| | Wood [hide] | |
| Features | 🌲 Tree (🪵 Fallen) 🌱 Bush 🍄 Huge fungus | |
| Sources | 🪵 Log (🪵 Stripped) 🪵 Wood (🪵 Stripped) 🪵 Stem (🪵 Stripped) | |
| | 🍄 Hyphae (🪵 Stripped) 🪵 Bamboo (🪵 Stripped) | |
| Building blocks | 🪵 Planks 🪵 Bamboo Mosaic 🪵 Stairs 🪵 Slab 🪵 Fence | |
| | 🪵 Scaffolding | |
| Functional blocks | 🪵 Chest 🪵 Barrel 🪵 Crafting Table 🪵 Creaking Heart 🪵 Door | |
| | 🪵 Trapdoor 🪵 Fence Gate 🪵 Pressure Plate 🪵 Button 🪵 Sign | |

