

Tool

tance

Blast resis-

Hardness

Luminous **Transparent**

Flammable Catches fire

from lava

2.5

2.5

No

Yes

process that

keeps all

VIDEO

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enchantments. This is the only way to obtain trimmed armor or upgrade diamond equipment with netherite. It also serves as a toolsmith's job site block.

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Obtaining

Smithing tables can be obtained from a village or crafting.

Natural generation

Smithing tables can spawn naturally inside toolsmith houses in villages. They can also spawn in trail ruins.

Breaking

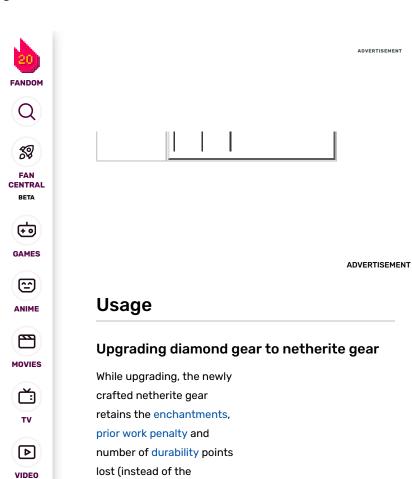
Smithing tables can be broken using any tool or by hand, but an axe is fastest.

Block	Smithing Table					
Hardness	2.5					
Tool						
Breaking time ^[A]						
Default	3.75					
Wooden	1.9					
Stone	0.95					
Iron	0.65					
Diamond	0.5					
Netherite	0.45					
Golden	0.35					

 Times are for unenchanted tools as wielded by players with no status effects, measured in seconds. For more information, see Breaking § Speed.

Crafting

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Upgrading gear does not remove incompatible enchantments, such as multiple different Protection enchantments.

The GUI for the smithing

Unlike anvils, using a smithing table to upgrade diamond gear to netherite gear costs no experience and does not increase the prior work penalty.

Smithing table recipes use the data pack system.

Ingredients	Smithing recipe
Netherite Upgrade + Any diamond gear +	Upgrade Gear
Netherite Ingot	

Changing profession

remaining durability) from

the diamond gear.

If a village contains a smithing table that has not been claimed by a villager, any villager who hasn't already chosen a job site block has a chance to change their profession to toolsmith. If a villager with this profession has already been traded with, it cannot change jobs.

Armor trimming

Trimming requires an armor piece, a smithing template and



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- **Emerald**
- **Gold Ingot**
- Iron Ingot
- Lapis Lazuli
- Nether Quartz
- **Netherite Ingot**
- **Redstone Dust**

After trimming, the armor will have the pattern according to the smithing templates. The color of the pattern is determined by the materials color.

Fuel

Smithing tables can be used as fuel in furnaces, smelting 1.5 items per block.

Note Blocks

Smithing tables can be placed under note blocks to produce "bass" sounds.

Sounds

Generic

Java Edition:

Sound	Subtitles	Source	Description	Resource location	Translation key	Volume	Pitch	[Collapse] Attenuation distance
	Block broken	Blocks	Once the block has broken	block .wood .break	subtitles .block .generic .break	1.0	0.8	16
	Block placed	Blocks	When the block is placed	block .wood .place	subtitles .block .generic .place	1.0	0.8	16
	Block breaking	Blocks	While the block is in the process of being broken	block .wood	subtitles .block .generic	0.25	0.5	16
	None ^[sound 1]	Entity- Dependent	Falling on the block with fall damage	block .wood	None ^[sound 1]	0.5	0.75	16
	Footsteps	Entity-	Walking on	block .wood	subtitles .block	0.15	1.0	16











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Sound	Source	Description	Resource location	Volume	[Collapse] Pitch
	Blocks	Once the block has broken	dig .wood	1.0	0.8-1.0
	Blocks	When the block is placed	dig .wood	1.0	0.8
	Blocks	While the block is in the process of being broken	hit .wood	0.23	0.5
	Players	Falling on the block with fall damage	fall .wood	0.4	1.0
	Players	Walking on the block	step .wood	0.3	1.0
	Players	Jumping from the block	jump .wood	0.12	1.0
	Players	Falling on the block without fall damage	land .wood	0.18	1.0

Unique

Java Edition:

Sound	Subtitles	Source	Description	Resource location	Translation key	Volume	Pitch	[Collapse] Attenuation distance
	Smithing Table used	Blocks	When a smithing table is used	<pre>block .smithing_table .use</pre>	subtitles .block .smithing_table .use	1.0	0.9-1.0	16
	Toolsmith works	Friendly Creatures	Randomly while a toolsmith is working	<pre>entity .villager .work_toolsmith</pre>	subtitles .entity .villager .work_toolsmith	1.0	0.8-1.2	16

Bedrock Edition:

Sound	Source	CCE Description Resource location		Volume	[Collapse] Pitch
	Placks	When a smithing	smithing_table	10	10













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working

Data values

ID

Java Edition:

Name	Identifier	Form	Translation key
		Block	
Smithing	smithing_table	&	block.minecraft.smithing_table
Table		Item	

Bedrock Edition:

Name	Identifier	Numeric ID	Form	Item ID ^[i 1]	Translation key
Smithing Table	smithing_table	457	Block & Giveable Item ^[i 2]	Identical ^[i 3]	<pre>tile.smithing_table.name</pre>

- ID of block's direct item form, which is used in savegame files and addons.
- 2. Available with /give command.
- 3. The block's direct item form has the same id as the block.

Achievements

	Icon	Achievement	In-game	Actual requirements	Gamerscore	Trophy type
PS4	Other		description	(if different)	earned	(PS4)
		Cover me in debris	Wear a full set of Netherite armor	Have a full set of Netherite armor in your inventory.	50G	Gold
		Smithing with style	Apply these smithing templates at least once: Spire, Snout, Rib, Ward, Silence, Vex, Tide, Wayfinder	_	30G	Gold

Advancements



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Actual



























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AD۱	VER	TIS	EM	EN1	г

	armor	Dopulo	inventory.	
Crafting a New Look	Craft a trimmed armor at a Smithing Table	Adventure	-	adventure/ trim_with_any_armor_pattern
Smithing with Style	Apply these smithing templates at least once: Spire, Snout, Rib, Ward, Silence, Vex, Tide, Wayfinder	Crafting a New Look	_	adventure/ trim_with_all_exclusive_armor_patterns
Serious Dedication	Use a Netherite Ingot to upgrade a Hoe, and then reevaluate your life choices	A Seedy Place	Have a netherite hoe in your inventory.	husbandry/obtain_netherite_hoe

History

Java Edition		
	18w44a	Added smithing tables.
		Smithing tables are obtainable only from the creative inventory.
		Smithing tables do not have any functionality.
	18w46a	The texture of smithing tables has been changed.
	18w48a	Smithing tables now generate in the updated plains villages.
1.14	18w49a	Smithing tables now generate in the updated savanna villages and the new

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50 FAN CENTRAL		19w11a	now be crafted with 4 planks and 2 iron ingots.
BETA GAMES			Smithing tables now serve as toolsmith villagers' job site block.
ANIME		March 13, 2019 (https://minecr aft.net/en-us/ article/minecr aft-snapshot-1 9w11)	Mojang confirmed that smithing tables, along with fletching tables, are to receive functionality sometime after 1.14.
MOVIES TV		20w06a	Crimson planks and warped planks can now be used to craft smithing tables.
VIDEO			Smithing tables now have a GUI.
WIKIS	1.16	20w10a	Smithing tables can now be used to upgrade diamond gear to netherite gear.
START A WIKI		20w11a	Smithing tables now play a sound when used.
		20w17a	The UI of smithing tables has been improved.
		20w22a	The hammer in the UI of smithing tables has been shifted to the left slightly, and the text has moved up.
	1.19	22w11a	Mangrove planks can now be used to craft smithing tables.
	1.20 (Experimental)		The interface of the smithing table has updated to include smithing templates.
		23w04a	Armor can now be trimmed by using a smithing template at a smithing table.
@			Upgrading diamond armor to netherite armor now requires

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1.20	23w17a	advancement "Crafting a new look" when they craft a trimmed armor at a smithing table.
	23w18a	Smithing tables no longer requires a smithing template to be in the template slot before placing an item stack into the other slots.
1.20.2	23w31a	Now in the custom recipes, the upgrade material can be sent to the GUI instantly with the 1 Shift + left click shortcut.[1]
	Bedrock Edit	ion
1.9.0	beta 1.9.0.2	Added smithing tables with the older texture from 18w44a. Smithing tables have a crafting recipe and can be used to smelt 1.5 items in a furnace. Smithing tables can be crafted, but require Experimental Gameplay enabled.
1.10.0	beta 1.10.0.3	The crafting recipe for smithing tables is no longer behind Experimental Gameplay. Smithing tables now generate in the toolsmith houses in new villages.
	beta 1.10.0.4	The texture of smithing tables has been changed.
1.11.0	beta 1.11.0.3	Smithing tables have been fully implemented and separated from Experimental Gameplay.

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	beta 1.16.0.57	upgrade diamond gear to netherite gear.
Next Major Update (Experimental)	beta 1.16.0.63	The UI of smithing tables has been improved.
		Smithing tables now play a sound when used.
		The interface of the smithing table has updated to include smithing templates.
	beta 1.19.80.21	Armor can now be trimmed by using a smithing template at a smithing table.
		Upgrading diamond armor to netherite armor now requires a netherite upgrade smithing template.
PlayStation 4 Edition		
1.91		Added smithing tables.

Issues

Issues relating to "Smithing Table" are maintained on the bug tracker. Report issues there (https://bugs.mojang.co m/issues/?jql=project%20in%20%28MC%2C%20MCPE%2 9%20and%20%28resolution%20is%20empty%20or%20res olution%20in%20%281%2C%202%2C%206%29%29%20an d%20%28summary%20~%20%22Smithing%20Table%22%2 9%20order%20by%20resolution%20desc).

Trivia

- Like with the crafting table, none of the tools seen on the side of the smithing table are real tools in-game.
- Even though the armor stand does not show arms when placed in Java Edition, the armor stand in the GUI has arms.[2]

References

- 1. MC-262108 "Smithing table GUI issue with custom recipes" - resolved as "Fixed".
- 2. MC-259392 "Default Armor Stand model does not





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 Block of the Month: Smithing Table (https://www.min ecraft.net/en-us/article/smithing-table) -

Minecraft.net on August 24, 2023

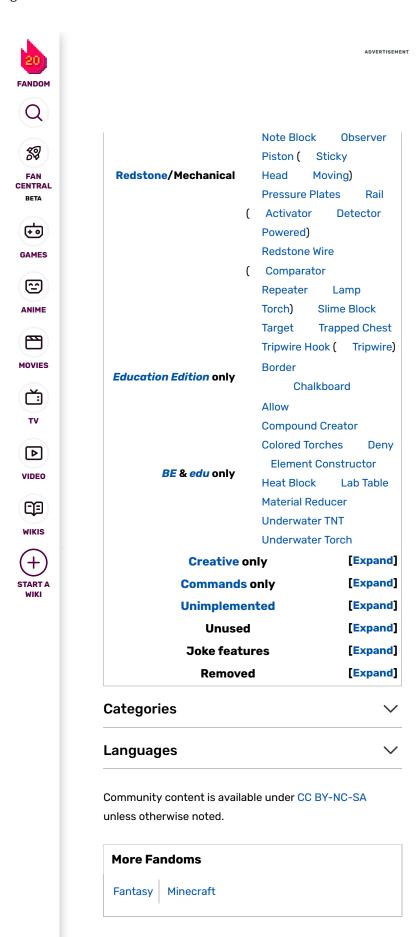


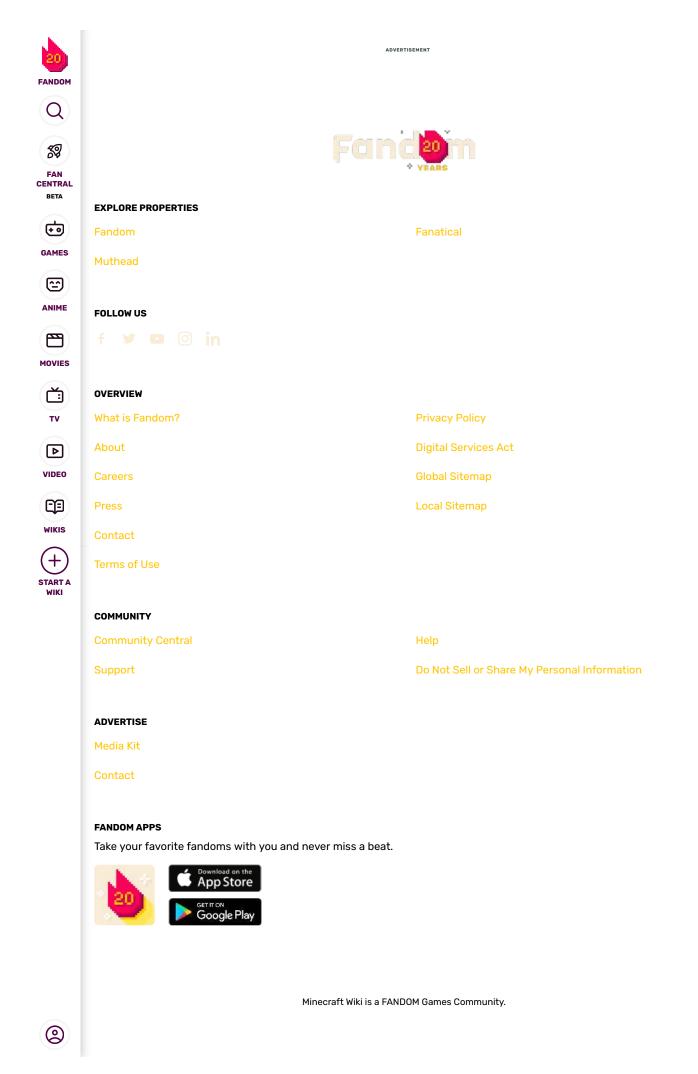
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Daylight Detector

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