Cartographer $ re article feedback

A **cartographer** is a villager that trades various maps, compasses, as well as banners and banner patterns. Cartographers wear a golden monocle and an empty map pack.

Cartographer
Plains Desert Savanna Taiga Snowy Jungle Swamp

Workstation	Cartography Table
Buys	Paper Glass Pane Compass
Sells	Empty Map Explorer Map Item Frame Banners Globe Banner Pattern
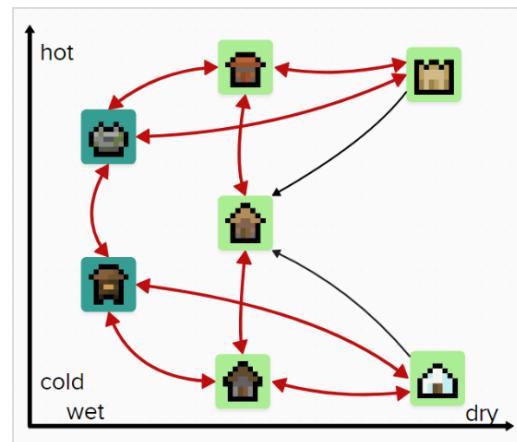
Contents

Spawning

An unemployed villager turns into an cartographer when an unclaimed cartography table is nearby.

Natural generation

The workstation of cartographers, the cartography table, generates in cartographer houses in villages.

Drops

In *Java Edition*, a cartographer can drop various items by throwing them as a gift towards a nearby player with the Hero of the Village effect. The gift is randomly selected from the following list:

- ◇ Empty Map
- ◇ Paper

Trading

Main article: Trading

A graph showing where the maps from each type of cartographer lead to

	🗺️ Cartographer							
Level	*Java Edition*	*Bedrock Edition*		**Villager wants**	**Player receives**	**Trades in stock**	**Villager experience**	**Price multiplier**
	Probability	**Probability**	**Slot**					
🪨 **Novice**	100%	100%	1	24 × ◇ Paper	🟢 Emerald	12	2	0.05
	100%	100%	2	7 × 🟢 Emerald	◇ Empty Map	12	1	0.05
🟫 **Apprentice**	Depends on the villager's biome	Depends on the villager's biome	3–4	11 × ⬜ Glass Pane	🟢 Emerald	12	10	0.05
	100%	100%		8 × 🟢 Emerald + 🧭 Compass	🗺️ Explorer Map[t 1]	12	5	0.2
🟨 **Journeyman**	67%	67%	5–6	🧭 Compass	🟢 Emerald	12	10	0.05
	67%	67%		13 × 🟢 Emerald + 🧭 Compass	🗺️ Ocean Explorer Map[t 2]	12	10	0.2
	67%	67%		12 × 🟢 Emerald + 🧭 Compass	🗺️ Trial Explorer Map[t 2]	12	10	0.2
🟩 **Expert**	Depends on the villager's biome	Depends on the villager's biome	7–8	7 × 🟢 Emerald	🖼️ Item Frame	12	15	0.05
	100%	100%		3 × 🟢 Emerald	🏳️ Banner[t 3]	12	15	0.05
🟦 **Master**	100%	100%	9	8 × 🟢 Emerald	🏮 Globe Banner Pattern	12	30	0.05
	100%	100%	10	14 × 🟢 Emerald + 🧭 Compass	🗺️ Woodland Explorer Map	12	30	0.2

1. The structure that the map leads to depends on the biome the villager is from. Each of the two or three possible maps are counted as independent trades, so a villager trading multiple maps is possible.

2. In *Java Edition*, all copies of the map traded by a particular villager lead to the same structure. In worlds that do not have the structure, this trade is not offered. In *Bedrock Edition*, cartographers adopting the profession in the Nether or the End do not offer explorer maps.
3. The color of the banner depends on the biome the villager is from. The list of possible offers contains individual offers for each color, so multiple colors may be offered by the same villager as separate trades.

Biome-dependent trades

The apprentice-level explorer maps and expert-level banners that cartographers sell depend on their biome variant. The table below shows which maps and banners each biome variant can have in stock.

	Desert	Jungle	Plains	Savanna	Snowy	Swamp	Taiga
Maps	Savanna Village Map	Savanna Village Map	Savanna Village Map	Desert Village Map	Plains Village Map	Snowy Village Map	Plains Village Map
	Plains Village Map	Desert Village Map	Taiga Village Map	Plains Village Map	Taiga Village Map	Taiga Village Map	Snowy Village Map
	Jungle Explorer Map	Swamp Explorer Map	–	Jungle Explorer Map	Swamp Explorer Map	Jungle Explorer Map	Swamp Explorer Map
Banners	Cyan	Brown	Brown	Green	Blue	Black	Blue
	Gray	Green	Pink	Magenta	Cyan	Light Blue	Lime
	Green	Yellow	White	Orange	Light Blue	Purple	Pink
	Lime	–	Yellow	Red	Red	–	Purple
	Orange	–	–	–	White	–	–

Sounds

Java Edition

Sounds								[hide]
Sound	Closed captions	Source	Description	Identifier	Translation key	Volume	Pitch	Attenuation distance
	Cartographer works	Friendly Mobs	Randomly while a cartographer is working	`entity.villager .work_cartographer`	`subtitles.entity .villager .work_cartographer`	1.0	0.8-1.2	16

Bedrock Edition

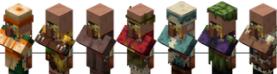| Sounds							[hide]
Sound	Closed captions [*upcoming: BE 26.0*]	Source	Description	Identifier	Translation key [*upcoming: BE 26.0*]	Volume	Pitch
	?	Blocks	Randomly while a cartographer is working	`block .cartography_table .use`	?	0.8	*varies* [sound 1]

1. Can be 1.0 or 0.92 for each sound

Data values

Cartographers have the data value `minecraft:cartographer` in *Java Edition*.
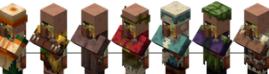
History

Java Edition

Java Edition			[hide]
1.11	**16w39a**	Added cartographers as a career of the "Librarian" profession.	
1.14	**18w50a**	Cartographers have been split from librarians and are now their own profession.	

Bedrock Edition

Pocket Edition			[hide]
1.1.0	**alpha 1.1.0.3**	Added cartographers as a career of the "Librarian" profession.	

Bedrock Edition			[hide]
1.10.0 Experiment **Experimental Gameplay**	**beta 1.10.0.3**	Cartographers have been split from librarians and are now their own profession.	

Legacy Console Edition

Legacy Console Edition								[hide]
Xbox 360	Xbox One	PS3	PS4	PS Vita	Wii U	Switch		
TU54	**CU44**	**1.52**	**1.52**	**1.52**	**Patch 24**	**1.0.4**	Added cartographers as a career of the "Librarian" profession.	
			1.91				Cartographers have been split from librarians and are now their own profession.	

Issues

Issues relating to "Cartographer" 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%29%20AND%20%28resolution%20is%20EMPTY%20OR%20resolution%20in%20%281%2C%202%2C%206%29%29%20AND%20%28summary%20~%20%22Cartographer%22%29%20ORDER%20BY%20resolution%20DESC).

Gallery

Renders

🖼 **This section would benefit from the addition of isometric renders.**
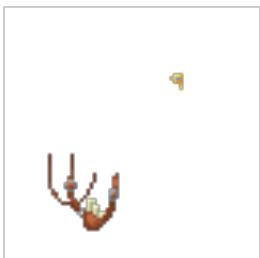Please remove this notice once you have added suitable isometric renders to the article.
The specific instructions are:
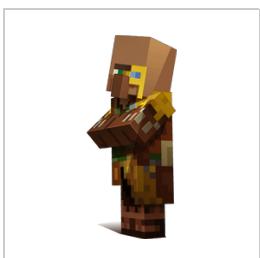*Lying renders for other biome outfits.*

Plains cartographer asleep.
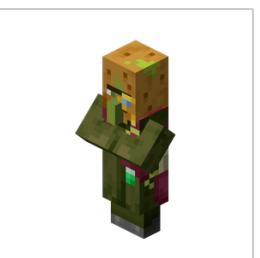
Textures

Cartographer overlay

In other media

Artwork of a jungle cartographer

A cartographer with a swamp cleric and savanna farmer

A poisonous potato cartographer featured in Java Edition 24w14potato

A cartographer as seen in *A Minecraft Movie*

Navigation

	🧑 **Villagers**	[hide]
Villager professions	🧑 Armorer 🧑 Butcher 🧑 Cartographer 🧑 Cleric 🧑 Farmer 🧑 Fisherman 🧑 Fletcher 🧑 Leatherworker 🧑 Librarian 🧑 Mason 🧑 Shepherd 🧑 Toolsmith 🧑 Weaponsmith 🧑 Nitwit	
Workstations	🔳 Blast Furnace 🔳 Smoker 🔳 Cartography Table 🗼 Brewing Stand 🔳 Composter 🔳 Barrel 🔳 Fletching Table 🔳 Cauldron 🔳 Lectern 🔳 Stonecutter 🔳 Loom 🔳 Smithing Table 🔳 Grindstone	
Mechanics	🕷 Raid 🟢 Trading *JE only* 🟩 Zombie siege	
Structures	🏠 Igloo 🏘 Village	
Related mobs	🧑 Evoker 🐑 Iron Golem 🧑 Pillager 🧑 Ravager 🧑 Vindicator 🧑 Wandering Trader 🧑 Witch 🧑 Zombie Villager	

JE only   Illusioner

Entities   [hide]

Mobs   [hide]

Passive   Allay   Armadillo   Axolotl   Bat   Camel   Camel Husk   Cat   Chicken   Cod   Copper Golem   Cow   Donkey   Frog   Glow Squid   Happy Ghast   Horse   Mooshroom   Mule   Ocelot   Parrot   Pig   Rabbit   Salmon   Sheep   Skeleton Horse   Sniffer   Snow Golem   Squid   Strider   Tadpole   Tropical Fish   Turtle   Villager   Wandering Trader   Zombie Horse

BE & *edu* only   Agent   NPC

Neutral   Bee   Cave Spider   Dolphin   Drowned   Enderman   Fox   Goat   Iron Golem   Llama   Nautilus   Panda   Piglin   Polar Bear   Pufferfish   Spider   Trader Llama   Wolf   Zombie Nautilus   Zombified Piglin

Hostile   Blaze   Bogged   Breeze   Creaking   Creeper   Elder Guardian   Endermite   Evoker   Ghast   Guardian   Hoglin   Husk   Magma Cube   Parched   Phantom   Piglin Brute   Pillager   Ravager   Shulker   Silverfish   Skeleton   Slime   Stray   Vex   Vindicator   Warden   Witch   Wither Skeleton   Zoglin   Zombie   Zombie Villager

Bosses   Ender Dragon   Wither

Mob types   Animal   Aquatic   Arthropod   Illager   Monster   Undead

Other   Jockey (Camel Husk   Chicken   Hoglin   Ravager   Skeleton Horseman   Spider   Strider   Zombie Horseman   Zombie Nautilus)   Mob variants   Mob conversion

Other entities   [show]

Unimplemented   [show]

Joke   [show]

Retrieved from "https://minecraft.wiki/w/Cartographer?oldid=3343823"