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DAY 1

MCreator

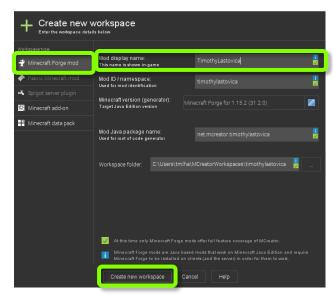
Set Up MCreator

- 1. Install MCreator.
- 2. Create a **new workspace**.



Set up the Workspace

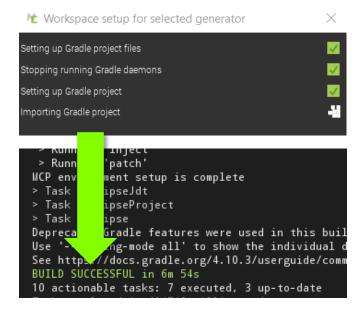
- 3. Make sure Minecraft Forge mod is selected.
- 4. Type your first and last name with no spaces as the **Mod display name**.
- 5. Leave other options as they are.
- 6. Click **Create new workspace** at the bottom.



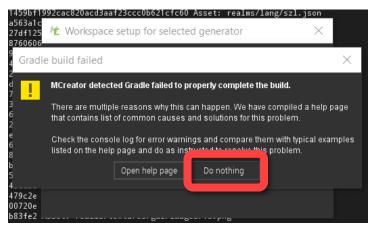
a. Setup usually takes 3-8 minutes.



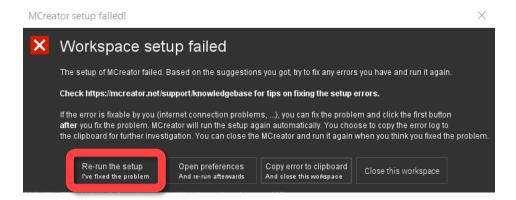
Modding with Minecraft® Ninja Guide



b. If you get an error, click **Do nothing** and then **Re-run the setup** to try again.

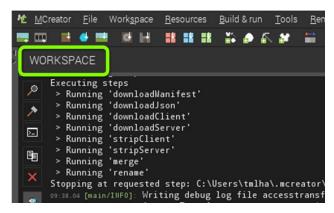


c. If MCreator throws an error, just re-run the setup. This is often caused when a resource download fails and cannot be automatically restarted.



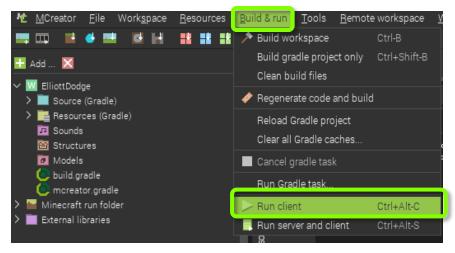


7. Enter the Workspace.



Connect to a Minecraft World

8. Click Build & run and then Run client.



- 9. Click Singleplayer.
- 10. Click Create New World.
- 11. Set your Game Mode and any other settings you'd like, name your world, and then click **Create New World**.





- a. Create a World in Creative Mode for testing.
- b. Create a World in Survival Mode for playing.

New Grass Block

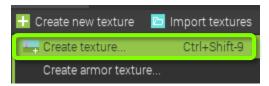
Grass Block Texture

Modify a texture

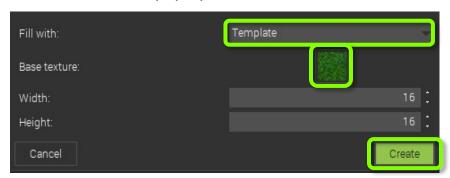
- 1. In MCreator, open the **Resources** tab on the left.
- 2. Click Create New Texture on the top bar.



3. Select **Create Texture** from the list.

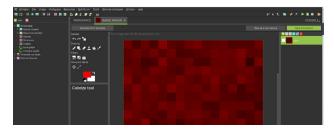


- 4. Select **Template** from the Fill With dropdown.
- 5. Select a **Base Texture** from the list (doesn't have to be the grass block if the ninja wants to do something else).
- 6. Click **Create** on the pop-up.



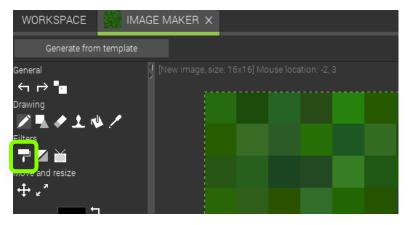


7. Color the texture however you want.



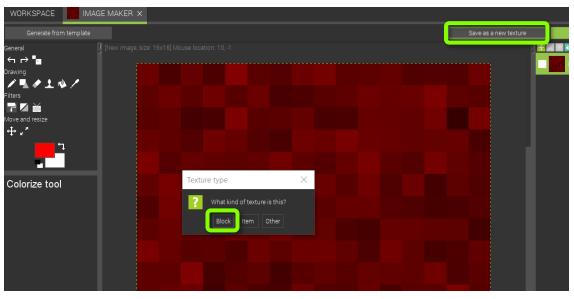
Pro Tip

8. Tip: Change the color of the entire texture with the **colorize** tool.



Save the Texture

- 9. Click on Save as a new Texture.
- 10. Select **Block** as the type.



- 11. Enter a name for the texture (no spaces allowed, only lowercase letters).
- 12. Click **OK.**



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New Grass Block (Mod Element)

Create a new Block

- 1. Click Workspace in the top left.
- 2. Click Mod elements on the left.
- 3. Click the green +.



4. Select Block.



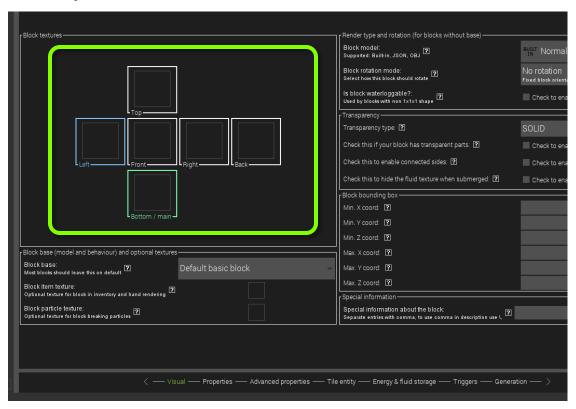
- 5. Name your block.
- 6. Click **Create new Block** and select your texture.



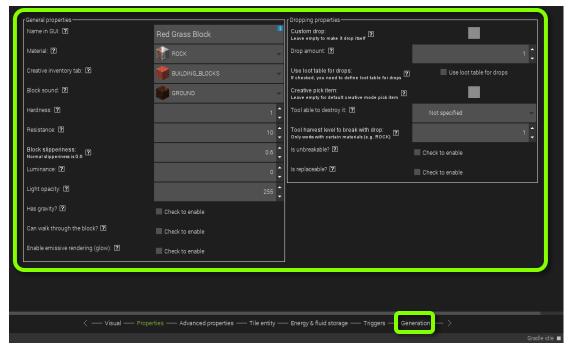
7. Select your texture in the **Block textures** area.



8. Click **Properties** at the bottom.



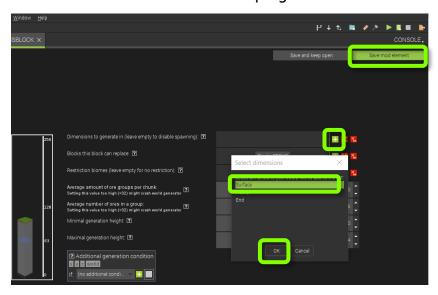
- 9. Set the properties as desired.
- 10. Click **Generation** at the bottom of the window.



11. Set to generate in **Surface** by clicking the green + and select **Surface**.

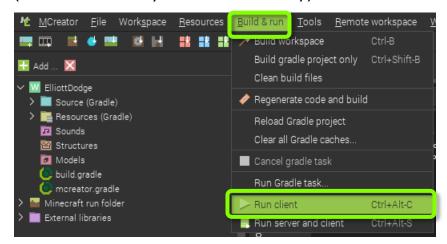


12. Click Save mod element in the top right.



Add new Block to your Minecraft world

13. Click **Build & run** from the top menu and select **Run client**. Wait for Minecraft to load, then enter the Creative world you should have already created (create one now if you have not already).



14. The new block will be at the bottom of the Building Blocks tab.

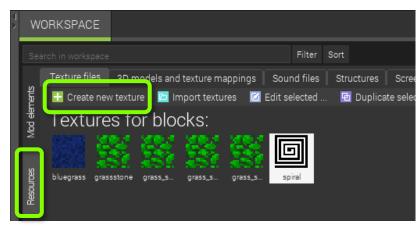




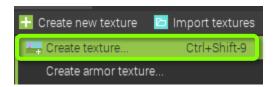
New Ore Block

Ninja Ore Texture

- 1. Open the **Resources** tab on the left.
- 2. Click Create New Texture on the top bar.



3. Click Create Texture from the list.



- 4. Select **Template** from the **Fill with** dropdown.
- 5. Select the **Base Texture** you would like for your new ore.
- 6. Click Create.



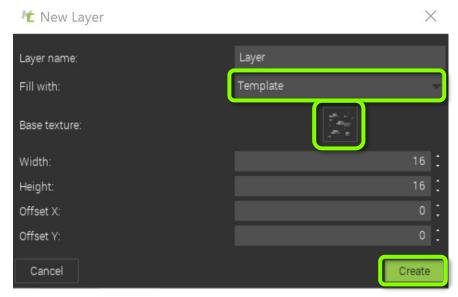
7. Add a new layer: click on the green + button on the right side of the screen.



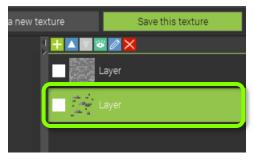


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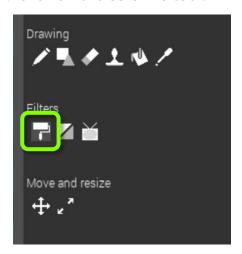
- 8. In the New Layer window, select **Template** in the **Fill with** dropdown.
- 9. Select the second layer template in the **Base texture** field (in the example we have the ore texture selected).
- 10. Click on **Create**.



11. Make sure your ore layer is selected (highlighted in green).



12. Click on the **colorize** tool.



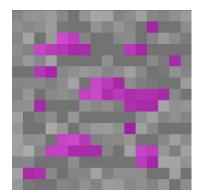


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13. Click anywhere on your texture, then select the **Color** you want to apply to the layer and click **Recolor**.



14. Your Ore should have the colorized layer:





DAY 2

Ninja Ingot

Creating the Ingot Texture

- 1. Open the **Resources** tab.
- 2. Click Create New Texture on the top bar.
- 3. Click Create Texture from the list.

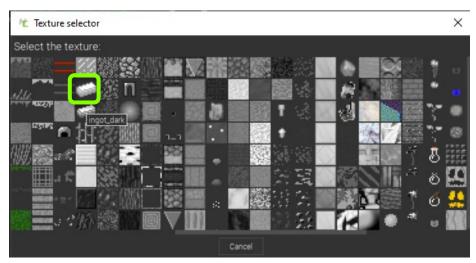


- 4. Select **Template** from the **Fill with** list.
- 5. Click Create.





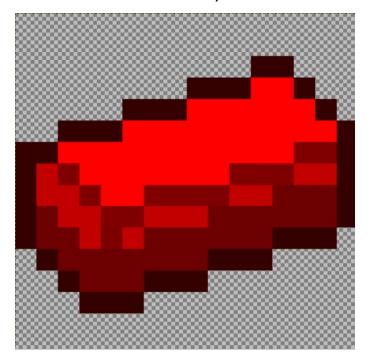
6. Select the **Dark Ingot** for the **Base Texture** from the list.



7. Click **Create** on the pop-up window.



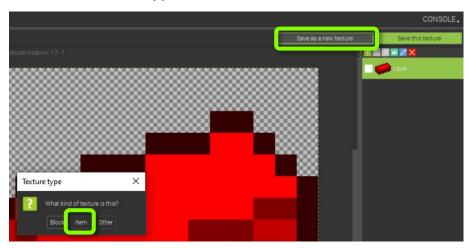
8. Color the texture however you want.



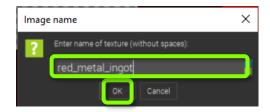


Save Ninja Ingot Texture

- 9. Click on **Save as a new texture**.
- 10. Select **Item** as the type.



- 11. Enter a name for the texture (no spaces, only lowercase letters allowed).
- 12. Click **OK.**





Creating the Ingot Element

- 13. Click **Workspace** in the top left.
- 14. Click **Mod elements** on the left.
- 15. Click the green +.
- 16. Select Item.



17. Name your Ingot and click Create new Item.



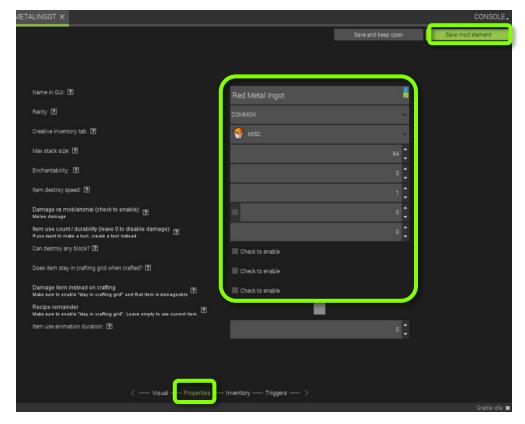
18. Select your texture in the **Item texture** field.





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- 19. Click **Properties** at the bottom.
- 20. Set the properties as desired.
- 21. Click **Save mod element** in the top right.



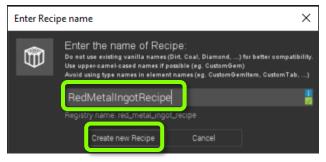


Ingot Smelting Recipe

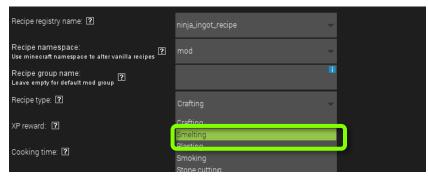
- 1. Click **Mod elements** on the left.
- 2. Click the green + and select **Recipe**.



3. Name it something like *Ninja_Ingot_Recipe* and click **Create new recipe**.



4. Set the Recipe type to **Smelting**.

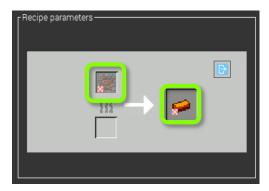


5. Double-click the top left spot of the furnace and select your new ore.



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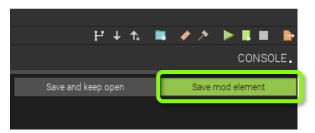
6. Double-click the right spot on the furnace and select your **ninja ingot**.



- 7. Optional, change these other settings:
 - a. XP Reward: 50.
 - b. Cooking Time: 200.

(20 ticks = 1 second)

8. Click **Save mod element** on your recipe.

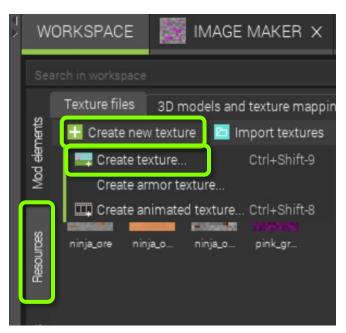




Creating a Ninja Sword

Creating the Ninja Sword Texture

- 1. Click **Resources** on the left.
- 2. Click Create New Texture on the top bar.
- 3. Click Create Texture from the list.



- 4. Select **Template** form the **Fill with** dropdown.
- 5. Select the **Sword** template for the **Base texture** and click **Create**.

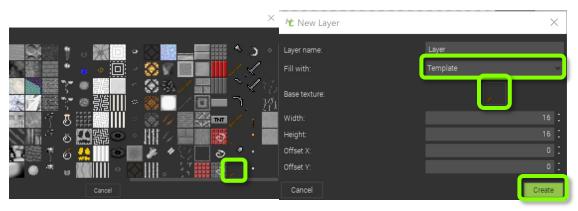


6. Click the green + button on the right to add a new layer.





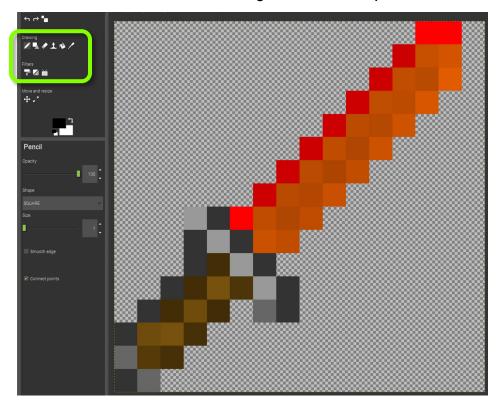
7. Select **Template** form the **Fill with** drop-down menu. Select the **tool_sickle_base** to be the sword handle as the **Base texture** and click **Create.**



8. Select the sword blade layer.

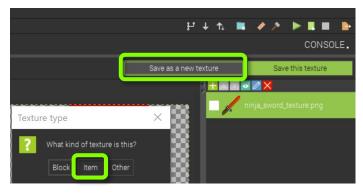


9. Use the colorize tool and drawing tools to modify the sword.



10. Click **Save as new texture** and select **item**.





11. Name it something like *ninja_sword_texture* and click **OK**.



Creating the Ninja Sword Element

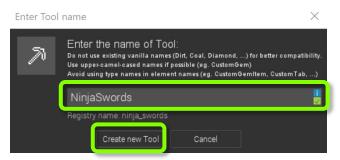
- 12. Close your sword texture tab.
- 13. Click **Mod Elements** on the left side.
- 14. Click the green +.
- 15. Select **Tool**.



16. Name it something like *Ninja_Sword* and click **Create new Tool**.



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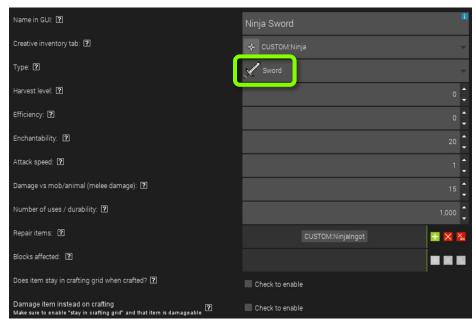
- 17. Double-click the square for **Tool texture** and select the **ninja_sword_texture**.
- 18. Add a description for your sword in the **Special information** box.



19. Click **Properties** at the bottom.



20. Set the type to **Sword.** Set other fields to whatever you like (click on the ? next to each field to learn what it does).

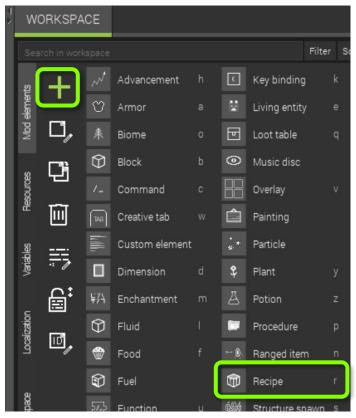


21. Click Save mod element.

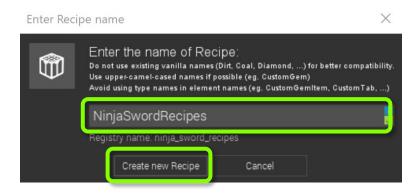


Creating the Ninja Sword Recipe

- 22. Click the green +.
- 23. Click Recipe.

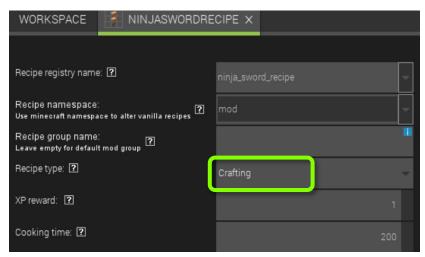


24. Name it something like *Ninja_Sword_Recipe* and click **Create new Recipe**.

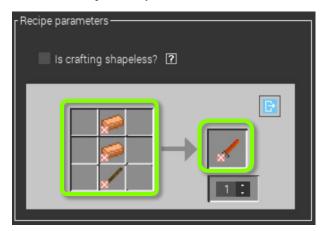




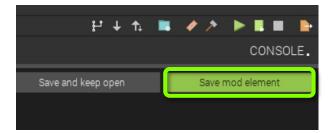
25. This is a **crafting** recipe, so it uses the **crafting table**.



- 26. Create your own recipe or use the arrangement for a sword -- the top middle is a **ninja ingot**, the center is a **ninja ingot**, and the bottom middle is a **stick**.
- 27. Set the **output** to your **sword**.



28. Click Save mod element.



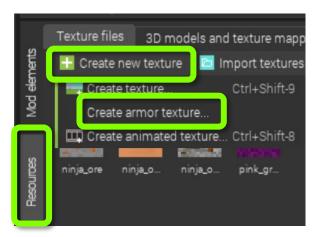


DAY 3

Ninja Armor

Ninja Armor Texture

- 1. Click **Resources** on the left.
- 2. Click Create new texture.
- 3. Click Create armor texture.



- 4. Choose between chainmail, standard, or leather.
- 5. Adjust the **color** and **saturation** as you want.



6. Click **Save this armor** in the top right.



7. Name it and click **OK**.



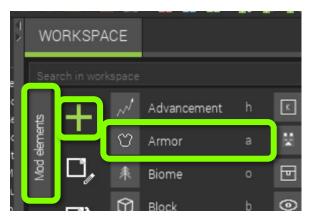


8. Click X on the tab to close it.



Ninja Armor Element

- 9. Click **Mod elements** on the left.
- 10. Click the green +.
- 11. Select **Armor**.



- 12. Give it a name. The individual names for each piece of armor will be handled on the next screen.
- 13. Click Create new Armor.



14. Double click and set the correct 2D texture for the head, body, legs, and feet.

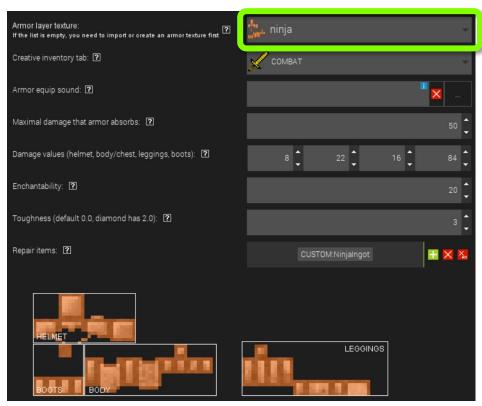




15. Click on **Properties**.



- 16. Click the box for **Armor layer texture** and select your new armor texture.
- 17. Set the other properties however you would like. Read the tool tips to learn what each property does.

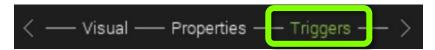


18. Click the **Save and keep open** button.



Armor Procedures

19. Click on **Triggers** at the bottom of the window

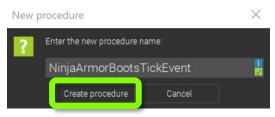




20.Click the green + in the Boots tick event.



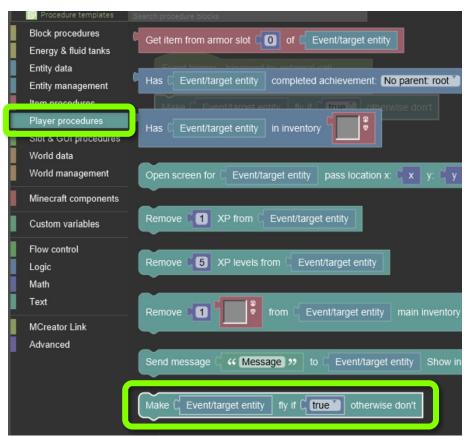
21. Keep the default name or change it to something else and click **Create procedure**.



22. Click on the **Player procedures** blocks category.

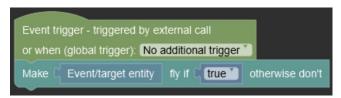
Event: when you wear boots; Action: make player fly

23. Find the Make [entity] fly if [true] otherwise don't block and drag it to your coding area.





24. Attach the Make [entity] fly if [true] otherwise don't block to the Event trigger block.



25. Click Save mod element.

Save mod element

Event: when you wear leggings; Action: give player SPEED potion

- 26. Click the green + in the Leggings tick event.
- 27. Keep the default name or change it to something else and click **Create procedure**.
- 28. Open the **Entity management** blocks category.
- 29. Find and drag over the **Add potion with level [1] for [60] ticks to [entity]...** block.

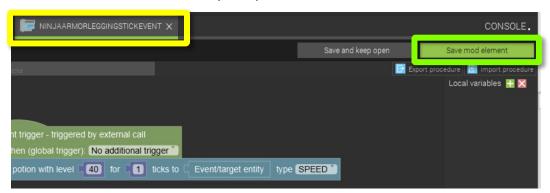




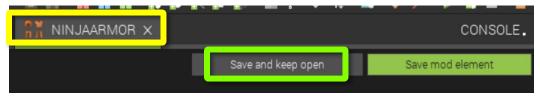
- 30.Connect the **Add potion with level...** block to the **Event trigger** block.
- 31. Select the **type** of potion you would like.



32. Click **Save mod element** on your procedure.



33. Click **Save and keep open** on your Ninja Armor element. If you forget to save your armor element, your new procedure will not be applied.

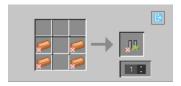


- 34. Click Create procedure to open the block coder.
- 35. Select Living Entity and give it the name Ninja Enemy. Click Create.



Ninja Armor Recipes

- 1. Click **Mod elements** and click the green +.
- 2. Select **Recipe** and give it a name (e.g., NinjaBoots). Click **Create new Recipe**.

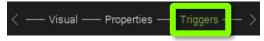


- 4. Click Save mod element.
- 5. Repeats steps 1-4 for each armor element.

Mod all the Tools

Modding a Sword to strike lightning when you hit a mob

- 1. Double-click on your ninja sword element to open it.
- 2. Click on **Triggers** at the bottom of the window.



3. Click the green + in the When living entity is hit with tool event.



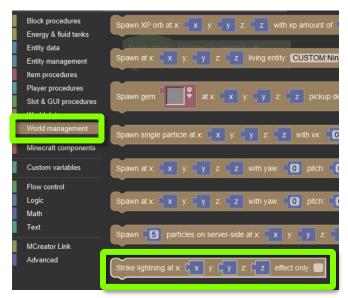
4. Keep the default name or change it to something else and click **Create procedure**.



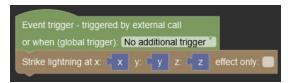
5. Select the World management block category.



6. Find and drag over the **Strike lightning at ...** block.



7. Attach the **Strike lightning...** block to the **Event trigger** block.



- 8. Click on **Save mod element** for the procedure.
- 9. Click on **Save mod element** for the Ninja Sword element.

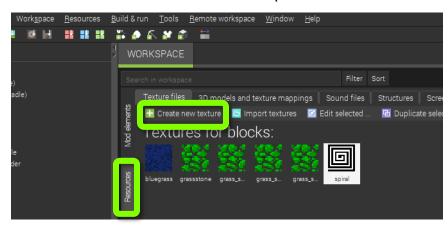


DAY 4

Shuriken

Shuriken Texture

- 1. Open the **Resources** tab on the left.
- 2. Click **Create New Texture** on the top bar.



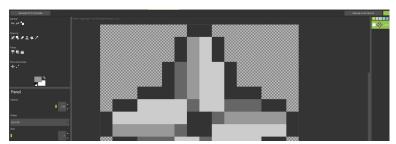
3. Click Create Texture from the list.



4. Click Create.

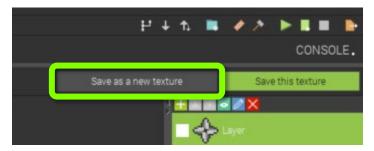


5. Draw your ranged weapon (does not have to be a shuriken).





6. Click Save as new texture.



- 7. Select **Item** as the kind of texture.
 - a. Note: If you do not save it as an item, then there will be no texture to pick from for the model. You would need to go back to the resources tab and open the ninja ingot texture to save a copy as an item.

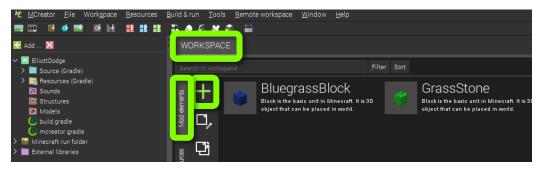


8. Give it a name like **shuriken_texture** and click **OK**.



Shuriken Element

- 1. In the Workspace tab, click Mod elements on the left.
- 2. Click the green +.





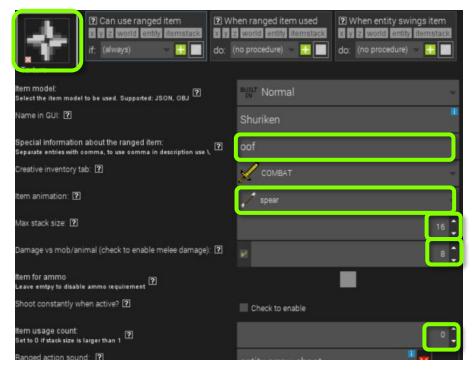
3. Select Ranged Item.



- 4. Give it the name Shuriken.
- 5. Click Create new Ranged item.



- 6. Set **texture** to the **shuriken_texture** in the top left square.
- 7. (Optional) Describe your item in the **special information** box.
- 8. Item animation: spear
- 9. Max stack size: 16.
- 10. Check the box for damage vs mob and set the damage to 8.
- 11. Item usage count: 0.

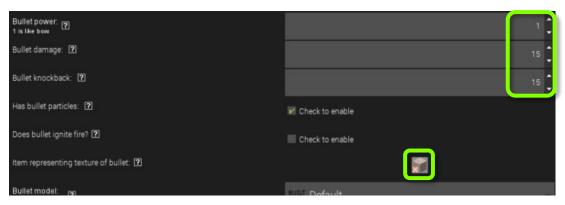




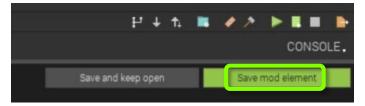
12. Click **bullet** on the bottom bar.



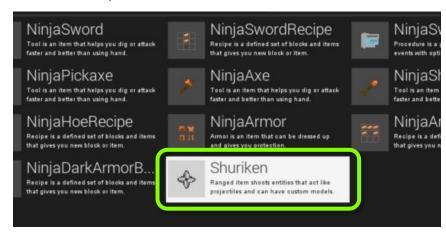
- 13. Bullet power: 1.
- 14. Bullet damage: 15.
- 15. Bullet knockback: 1.
- 16. Item representing texture of bullet: Insert ANY item
 - a. This is temporary, you will fix this in the next steps.



17. Click Save mod element.

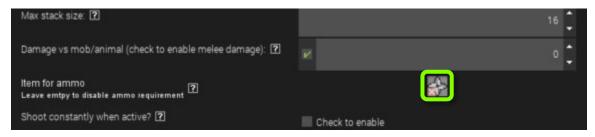


18. Go back to **Mod elements** in **Workspace** and double-click on your **Shuriken** element to open it.





19. Click on the empty field for the **Item for ammo** category and select your Shuriken item.



20.Click **bullet** on the bottom bar.



21. Replace the temporary item with the shuriken item in the **item representing** texture of bullet field.



Shuriken Procedure

Code the Shuriken to drop to the ground when it is thrown at a block.

22. In the bottom left is the event **When bullet hits block**. Click the green + to make a new procedure.

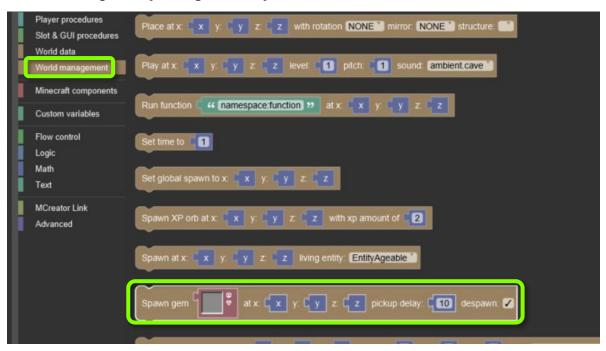


23. Click **Create procedure**.





- 24. Select the World Management block category.
- 25. Find and drag out spawn gem at x y z.



26. Click on the **square** for the gem and select the **shuriken**.

Note: Gem is another word for "item."

27. Check the box labelled despawn.



28. Click Save mod element (for the procedure).



29. Click **Save mod element** (for the Shuriken element).



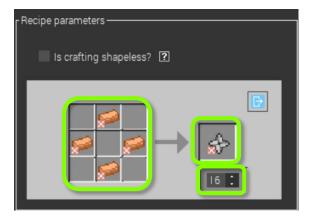


Shuriken Recipe

30. Create a new recipe element called **ShurikenRecipe**.



- 31. Arrange several ninja ingots however you'd like.
- 32. On the right, set the created item to the **Shuriken.**
- 33. Change the number underneath the Shuriken to **16** so that 16 shurikens are made at a time.



34.Click Save mod element.



Monster Mob

Mob Texture

1. IMPORTANT: Click the Outer layer button to deselect it (make it turn grey).

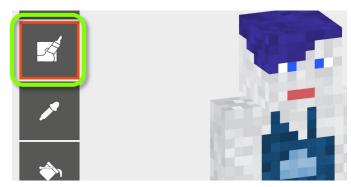


2. Paint your new mob however you like.



Tips:

- Draw the face first so you can remember.
- Click and drag in space around the body to rotate the image.
- Use the paint brush to give your mob texture:



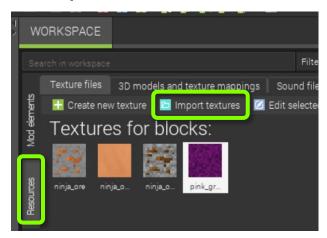
3. Click on the **Download** button to save the skin to your computer.



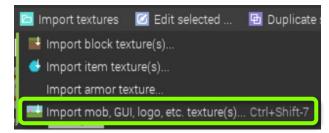
4. Open **MCreator** and click on the **Resources** tab.



5. Click **Import texture**.



6. Select Import Mob, GUI, Logo, etc.



7. Click the **Look In** box at the top and find **Downloads**.

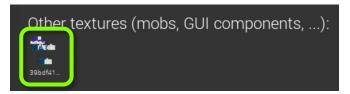


- 8. Inside **downloads**, find and select your texture (unless you renamed it, the file will have a very long name of numbers and letters).
- 9. Double-click it or click on it and select **Open**.





10. Your skin is now in the **Other textures** part of your **Resources**. Double-click your skin to open it.



11. Click the **Resize** button next to the redo button as shown.



12. Click anywhere on the image. Change the height from **64** to **32** and click **Resize**.



13. Click **Save this texture** and click **X** to close the tab.



Mob Living Entity

- 14. Click **Mod elements** and click the green +.
- 15. Select Living entity and give it the name Ninja Enemy. Click Create.





- 16. Change the **Name of entity** to something like **Ninja Enemy**.
- 17. Change **texture of entity** to the file you imported.

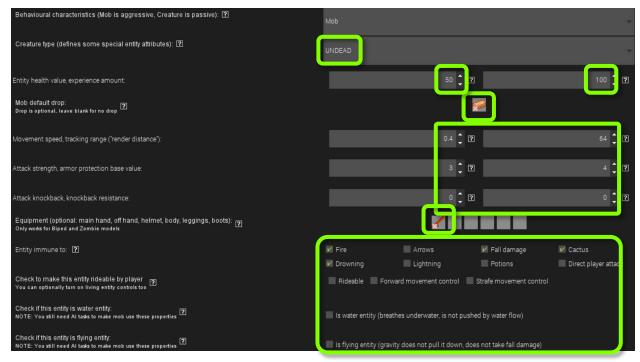


(Optional: add sounds)

18. Switch to the **Behavior** page.



19. Give the mob the abilities and equipment that you'd like.



20.Click **AI and goals** at the bottom.

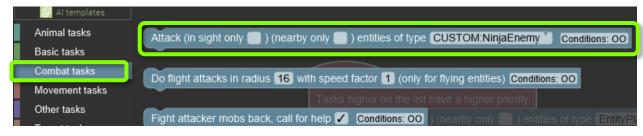
```
Visual and sound — Behaviour — Particles — Inventory — Triggers — Al and goals — Spawning — >
```



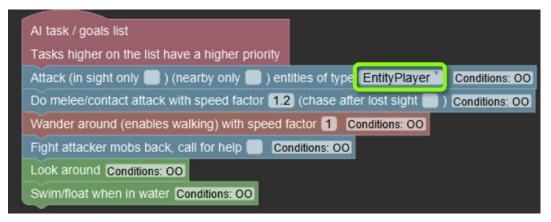
21. Check the box for **ranged attacks** and select the **Shuriken** as the weapon.



22. If you'd like the mob to attack you before you attack it, add in the **Attack ()()** entities of type block from the **Combat tasks** category.



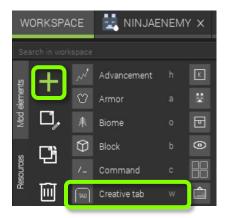
23. Change the **entities of type** parameter to **EntityPlayer.**



Creative Tab

Ninja Creative Inventory Element

- 1. Click the green +.
- 2. Select Creative tab.





3. Give it a name like *Ninja* and click Create new Creative tab.



- 4. Pick any item for the **Tab icon**.
- 5. Check the box to enable the search bar.



6. Click Save mod element.

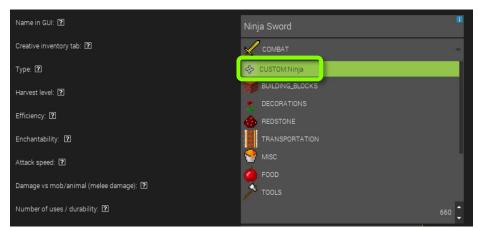


Move mods to Ninja Creative Tab

7. Set **Creative inventory tab** for all new mod items in their **Properties** page.



8. Open list for **Creative inventory tab** and select **CUSTOM:Ninja**.

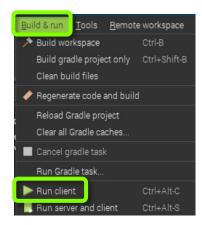


9. Move all new mod items to the Ninja tab.



Find the Ninja Tab in the Inventory

10. Click on the **Build & run** menu and select **Run client**.



11. Enter a Creative world. Press "**e**" to view the Creative inventory. Press the arrow on the top right.



12. Select your Ninja tab to view your mod items.



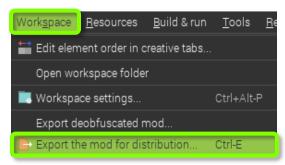




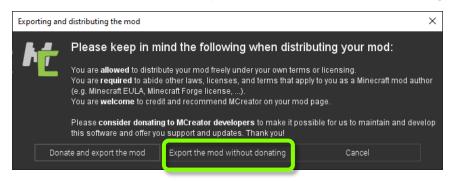
Exporting for Distribution

Export from MCreator

- 1. Open the **Workspace** menu.
- 2. Click Export the mod for distribution...



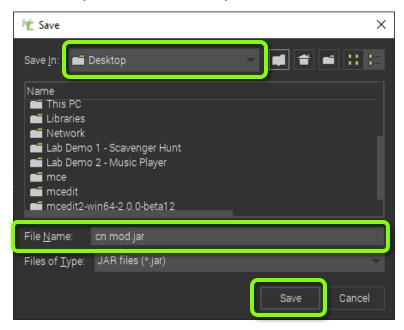
3. If you see a popup, click Export the mod without donating.





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4. Give your mod a descriptive name and save it to the Desktop or another folder so you can find it easily later.



Creating an MCreator account

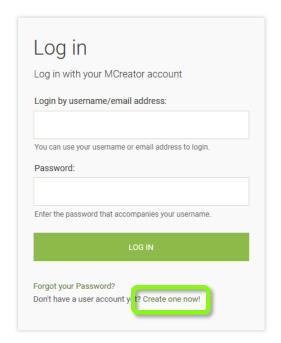
- 5. Go to mcreator.net
- 6. Click on LOG IN.





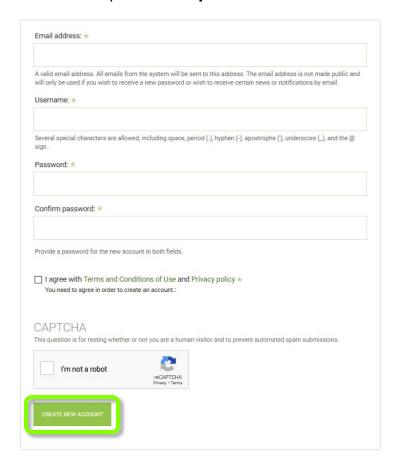
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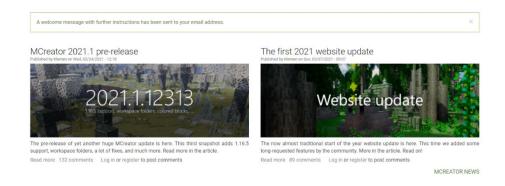
7. Click **Create one now!** at the bottom of the log in box.





8. Enter your **email address**, your **username**, and **password**. Click the **I agree** box and complete the **Captcha**. Click **CREATE NEW ACCOUNT**.







10. Find the email sent by MCreator and click on the Activate account button.



Dear USERNAME,

Thank you for creating MCreator account!

Please activate your account by clicking the link below:



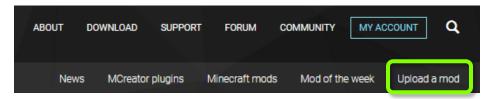
Your account will be activated after the click and you will be able to log in.

If you did not create the account and someone else used this e-mail to create an account, ignore this e-mail and the account will automatically be removed after a while.



Uploading your mod

12. Click Upload a mod on the MCreator site's menu.

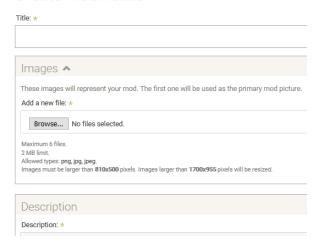


13. Fill out the form. Make sure you follow the Modification PublishingGuidelines at the top of the page. Your description needs to be at least 300



characters long.

Create Modification



15. When you are finished, click POST MODIFICATION TO THE COMMUNITY.

POST MODIFICATION TO THE COMMUNITY

16. If you did not follow the guidelines, your mod will receive a message and it may be removed.

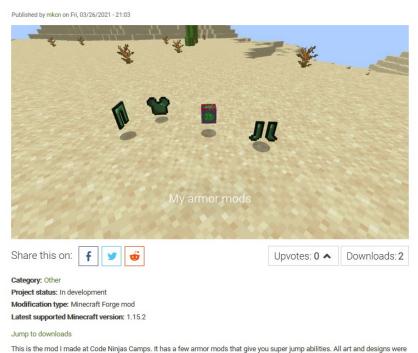
This post is unpublished! The page you are looking at is unpublished. Only author and moderators can access it. If the node was not unpublished by your request, it was most likely unpublished by one of the moderators as the consequence of not following our <u>content</u> <u>guidelines</u> found on the wiki.

If this is the case, check the comments on the page if moderator left any notes and in case this happened, please check the guidelines and moderator notes and try to fix the problems. Then you can contact us (you can also leave a comment on the post itself) to request another review. If the page follows the rules, we will publish it back.

Unpublished pages are automatically deleted after a while so make sure to act as soon as possible if you see this message!



17. View your published mod.



Inis is the mod I made at Code Ninjas Camps. It has a rew armor mods that give you super jump abilities. All art and designs were done by me. Feel free to edit it! I still want to add my custom monster, but it didn't make it into this version. There are some missing tools as well. I hope that you enjoy!

Installing a Mod

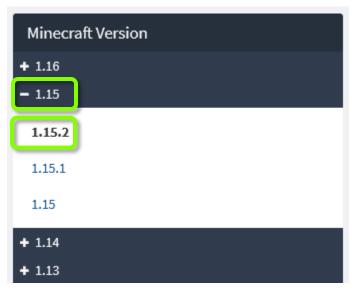
Install Forge

1. Go to https://files.minecraftforge.net/





2. On the left menu, click 1.15 then 1.15.2 to select the version compatible with MCreator.



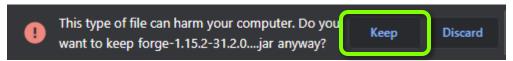
3. Click the Installer under Download Recommended.



4. If you get an ad, wait for the time. Then click **SKIP**.



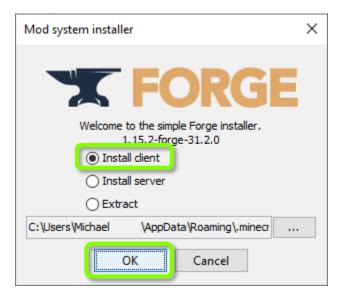
5. If you get a warning, click Keep.



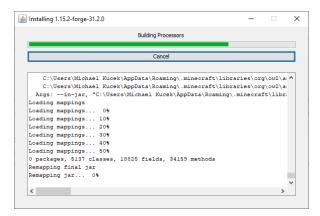
6. Click on the **forge-1.15.2-31.2.0....jar** file to open the installer.







8. Wait for the installer to complete.

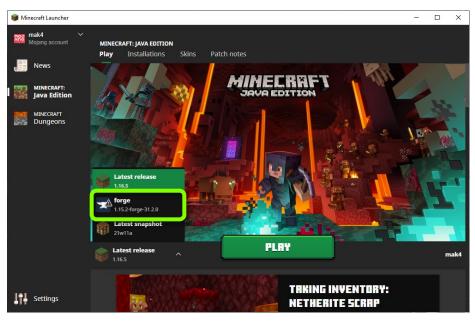


9. When the installation completes, click OK.





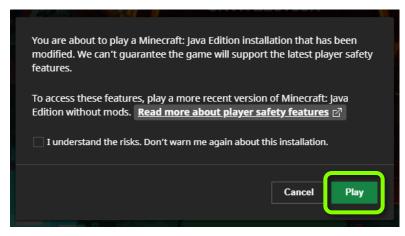
10. Open Minecraft and select forge.



11. With forge selected, click PLAY.



12. If you see a warning, click Play.



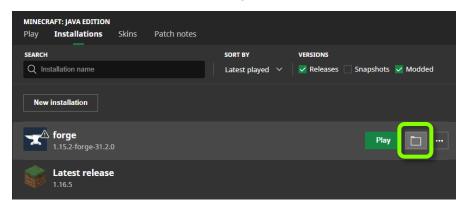
- 13. Before you can load your mod, you must run Minecraft one time.
- 14. Create a new world and join it.
- 15. Exit the world and exit Minecraft.
- 16. Open Minecraft Launcher again.



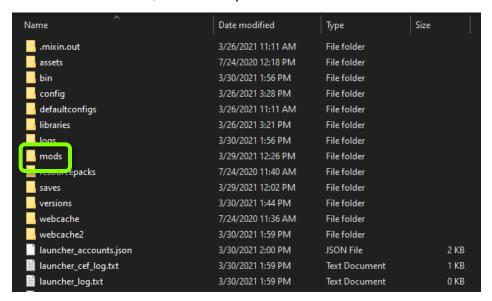
17. Click the **Installations** tab.



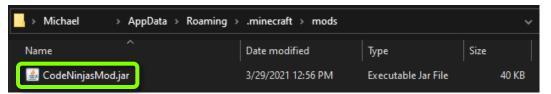
18. Click the **folder** icon on the **forge** row.



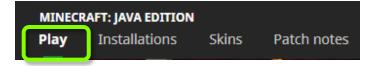
19. In the new window, find and open the **mods** folder.



20.Drag your mod's .jar file into this folder.



21. Go back to Minecraft Launcher and click on the Play tab.





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22. Make sure forge is selected and click PLAY.



23. You will now see your mods in your world!

