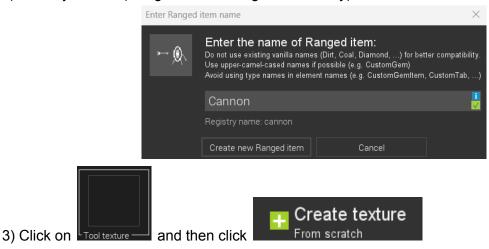
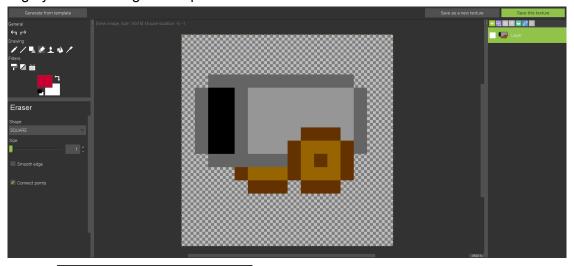
Let's Code a Ranged Weapon!



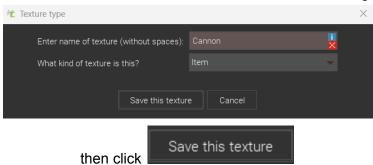
2) Name your tool (using "CamelCasing" if necessary) and Create new Ranged item



4) Design your own Ranged Weapon!



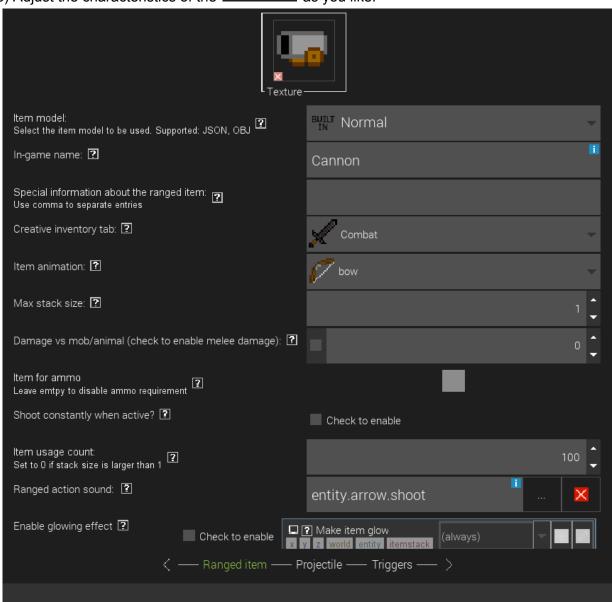
5) Click on Save as a new texture and name the Texture and change its type to "ITEM"



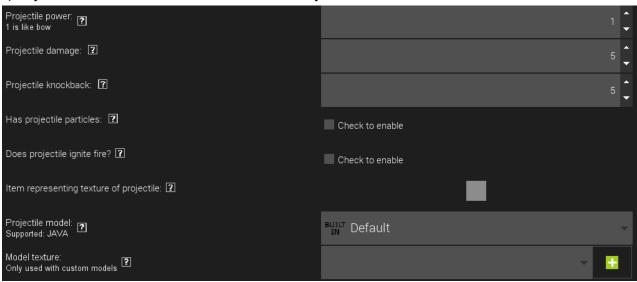
6) Go back to your Tool Tab



- 7) Select Tooltexture again and select YOUR Texture
- 8) Adjust the characteristics of the Ranged item as you like!



9) Adjust the characteristics of the Projectile as you like!



Make sure your Ranged weapon has an **Item representing texture of projectile**You can either create a **New Item** for this **OR** use an existing item like a **Firework Charge**.

Now for the FUN!

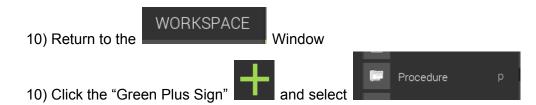


Each **Event** will cause a **Procedure** to happen and **YOU** get to control the **Special Effect** that comes after the event in the game.

For the first example, let's create an explosion when the **Projectile hits something**.



Now, we don't need to make different **Procedures** for each event because if the **Projectile** hits **Anything** we want it to cause an **Explosion!**



- 10) Click on the
- 11) Name and create the new Procedure



12) We will now see **Coding Window**For this example let's **Strike Lightning** and cause an **Explosion!**

Step 1: Select the World management Tab

Step 2: Find and Click on these code block:



Step 3: Connect the Code block to the bottom of the Green Event Trigger:



To increase the power of the explosion, change the number in the blue puzzle piece. Here's some information about each type of explosion:

NONE	Only causes health damage
BLOCK	Breaks surrounding blocks in a box shape
МОВ	Simulates the creeper explosion
TNT	Simulates a TNT explosion

13) Once finished with the **Procedure**, select

Save mod element

14) Click on your **Ranged Item**--
CANNON ×
, go to the --
Triggers --
Tab, and update events:



15) Finally save your Weapon Mod by clicking

Save mod element

Time to play test!

16) Click on the in the top right corner of your screen and create a new world in CREATIVE MODE to test out your weapon!

Your Turn!

17) Pick one of the other events of this Combat tool and create a new **Procedure** for it.



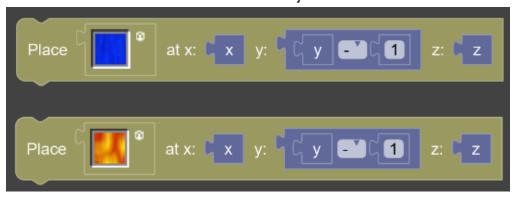
Need help with ideas?

Try making a **Procedure** for "While Projectile Flying Tick" (Hint: While the projectile is in the air, your procedure will happen)

Here are some code blocks that might be fun to use!

Block management

Place Water or Lava one block under the Projectile as it flies!



OR

World management

Strike Lightning **or** Spawn an entity one block under wherever the projectile is flying!

