

## CONTENTS

|                      |   |
|----------------------|---|
| Features .....       | 2 |
| FAQ .....            | 3 |
| Gear Planner .....   | 4 |
| Guardians.....       | 5 |
| Maiden Shards.....   | 6 |
| Maps .....           | 7 |
| Event Crafting ..... | 8 |
| Set items .....      | 9 |

## FEATURES

- Upon starting, the tool connects to the game's databases and downloads them. So, this tool is always up to date!
- Since Crystal Maidens is centred around the maidens, this tool packs a powerful gear and mastery planner. You can sort the items by your preferences (dps and hp). The items are always sorted with your preference in mind and fully include currently worn set items and owned masteries in that sorting! You can even optionally include modified stats by your own skill.
- Load and save your favourite builds.
- You can easily see where and how to obtain maiden shards. By entering your current mastery level, the tool shows you how many runs/purchases you need to do, to get to the target mastery level!
- All maps are listed with useful statistics like fodder value of the item drops, energy/xp ratio and more!
- A list of all sets with stats. Conveniently filter by class, item slot, maiden or set name!

## FAQ

Q: Why the fuck is the size of this file 140mb+? Are you retarded? How can you possibly be such a moron?! This file shouldn't be bigger than a few mb.

A: Thank you for your kind words. The size of this program is less than 4mb. It's so bloated, because none of you fine people care to install .NET 10.0, which is the successor of the widely known .NET Framework. To make it run-able without .NET, all the needed libraries must be included, which makes this file so big.

Q: Why does it take so long for the program to start up? I'm never sure if I really started it or not. Can't you make it faster?

A: This is annoying indeed, But I am afraid I can't make it much faster. I am downloading two large files that are in a format that I cannot use. So, I must convert those 2 files into something usable first and then get the data I need after that. This sadly takes a couple of seconds.

Q: Are you gonna add a boss crafting planner?

A: No. Too much hassle for a feature that 95% of the users don't need.

Q: Can I import my old builds into a new version of your tool?

A: Yes! Simply copy the file "maidens.cmut" into the directory of the new version.

Q: The tool crashed on me. Can you do something about it?

A: I strive to be my best. Please send the created "CrashReport\_date.txt" To the user @Ambitious on discord!

## GEAR PLANNER

Crystal Maidens Utility Tool

Maidens Guardians Maps Crafting Sets

Gear Planner Masteries Shards Load / Save

Damage: 1,009,554 1 Health: 59,120,508 4 Class: Warrior  
 Attack Speed: 316.0 Dodge: 57.13 % Element: LIGHT  
 Attacks per Second: 1.43 Defence: 50.00 % Rarity: Legendary  
 Sort Items: Hitpoints 7  
 Filter Items: All 8  
 DPS: 1,492,698 1 Vision Distance: 8  
 Skill Casttime: 0.2 sec. 3 Skill Cooldown: 5.4 sec. 9 ☒ stats with active skill

Healing Amplification: 10 %  
 HP After Item: 95 %  
 Reflect: 20 %  
 Resist Abyssal: 20 %  
 Respawn Reduction: -20 % 5

**HEAD 6** Damage: -60.50 Hitpoints: 420.50 Defence: 25.38  
**CHEST 6** Hitpoints: 339.88 CDR: 20.01 Defence: 21.31  
**WEAPON 6** Damage: 356.70 Hitpoints: 350.90 CDR: 24.36  
**SHIELD 6** Hitpoints: 301.60 Dodge: 32.48 Defence: 21.02  
**BOOTS 6** Hitpoints: 246.50 CDR: 23.78 Dodge: 24.65  
**ACCESSORY 6** Damage: 339.88 Hitpoints: 330.60 CDR: 20.01

Corrupted Legion's Helmet  
 Radioactive Mask  
 Facial Mask  
 Cosmic Tree Hood  
 Ying Yang Bandana  
 The Executioner Mask  
 Astronaut Helmet  
 Golden Nutaku Headset  
 American Football Helmet  
 Ancient Runic Diademe  
 Slutty Pumpkin Hat  
 Crown of the Valkyrie  
 Green Knight's Helmet  
 Dwarven Forged Helmet  
 Adamantine Helmet  
 Helm of the Gods  
 Cat Ears

Astronaut Suit  
 Arcade Armor  
 Slutty Pumpkin Dress  
 Black Star Cape Dress  
 Armor of the Valkyrie  
 Adamantine Armor  
 American Football Shoulder  
 Star Platinum Armor  
 Green Knight's Plate  
 Ancient Runic Togas  
 Working Girl's Suit  
 Samurai's Hon Kozane Do  
 Fighter's Armor  
 Burning Knight's Breastplate  
 Apocalypse Rags  
 Warring Legion's Armor  
 Armored Unicorn Tube

The Boundless Glove  
 Ice Battle Flail  
 The Executioner Sword  
 Black Star Hole  
 Moonlight Slasher  
 Demon's Gate Sword  
 Gold Digger Shovel  
 Burning Knight's Sword  
 Star Platinum Sword  
 Celtic Claymore  
 Mo Gems Mo Problems Ca  
 Ultimate Evil Axe  
 Invisible Rod  
 Alien Blaster  
 8-bit Zaper Gun  
 Archeologist Whip

Adamantine Shield  
 Corrupted Legion's Target  
 Ultimate Templar's Best Friend  
 Cosmic Tree Shield  
 Dragonic shield  
 Shield of Freedom  
 Demon's Gate Shield  
 Sun shield  
 Agatis Champion Shield  
 Star Platinum Shield  
 Shield of Magma God  
 S&M Manacles  
 Apocalypse Shield  
 Dragon Slayer's Shield  
 Fifth Anniversary Shield  
 The Templar's best friend  
 North Pole's Protector

Adamantine Greaves  
 Cosmic Tree Boots  
 Black Star Boots  
 Star Platinum Long Boots  
 Ancient Traveler Boots  
 Working Girl's Heels  
 Green Knight's Greaves  
 The Golden Greaves  
 Elf Boots  
 Dragon Slayer's Boots  
 Student Sandals  
 Nutaku-tan's Boots  
 Christmas Stockings  
 <empty>  
 Belgian's Runner  
 Boots of the Valkyrie  
 Burning Knight's Boots

Ying Yang Medallion  
 Cosmic Tree Cape  
 Slutty Pumpkin Gloves  
 Living city globe  
 White silver beard  
 King's Dwarves Beard  
 Dragon Balls  
 Moonlight Pendant  
 Philosopher's stone  
 The Cockring  
 Nutaku-Tan's Panties  
 Working Girl's Suitcase  
 Gold Digger Necklace  
 Foxy Butt Plug  
 Flamingo Tube  
 S&M choker ball  
 Wooden Stake

- Shows a tooltip of secondary attack effects, if applicable.
- Shows a tooltip of attack speed thresholds where the attacks per second change.
- a tooltip with a description of the maiden's skill. Items and masteries that affect the skills are included in the displayed values.
- Shows a tooltip of passive skills and triggered abilities, if applicable.
- Shows a tooltip of all bonus from set items, masteries (and skills) in case there was not enough room to display them all.
- Shows a tooltip of item stats. In case of set items, it lists which bonus becomes available with how many worn pieces.
- You can change the sort priority of the items: By name, by damage per second or by hitpoints.
- If you are looking for specific stats, you can filter the items for any existing stat in the game.
- If you select this checkbox, her active skill (visible in area 3) and her passive skill (visible in area 4, if applicable) will be included in the stats. In this example, Freya gets her passive skill bonus to hitpoints after items added.

## GUARDIANS

### Tooltip areas:

**Crystal Maidens Utility Tool**

Maidens Guardians Maps Crafting Sets

**Arielle**

Attack Speed: 100 Dodge: 3  
Crit Chance: 6 Defence: 43  
Cooldown Reduction: 0 Movement Speed: 1

**PvP attack skill**

War Cry  
Usable only once. Bazalt raises the attack speed of his allies for a short duration.

**PvP defence skill**

Morale's Boost  
Morale Boost : Bazalt raises the attack speed of his allies and himself for a long duration.

| Level | Shards | Shards Total | DPS       | Health     | Reflect |
|-------|--------|--------------|-----------|------------|---------|
| 40    | 0      | 26,634       | 1,031,065 | 93,326,634 | 9.0%    |
| 39    |        |              |           |            |         |
| 38    |        |              |           |            |         |
| 37    |        |              |           |            |         |
| 36    |        |              |           |            |         |
| 35    |        |              |           |            |         |
| 34    |        |              |           |            |         |
| 33    |        |              |           |            |         |
| 32    |        |              |           |            |         |
| 31    |        |              |           |            |         |
| 30    |        |              |           |            |         |
| 29    |        |              |           |            |         |
| 28    |        |              |           |            |         |
| 27    |        |              |           |            |         |
| 26    |        |              |           |            |         |
| 25    | 1,764  | 17,814       | 374,544   | 33,587,973 | 6.9%    |
| 24    | 1,643  | 16,050       | 342,771   | 30,714,377 | 6.7%    |
| 23    | 1,527  | 14,407       | 312,469   | 27,976,189 | 6.6%    |
| 22    | 1,416  | 12,880       | 283,631   | 25,372,747 | 6.4%    |
| 21    | 1,310  | 11,464       | 256,253   | 22,903,364 | 6.3%    |

PvP attack skill: Shows values at guardian level 30, since this is the highest, she can get.

PvP defence skill: Shows values at guardian level 30 for the same reason

If you hover your mouse over the maiden level, you will get a tooltip showing both attack and defensive skill with the values of that specific level.

## MAIDEN SHARDS

[illegible]

Click the column heads to sort them.

## MAPS

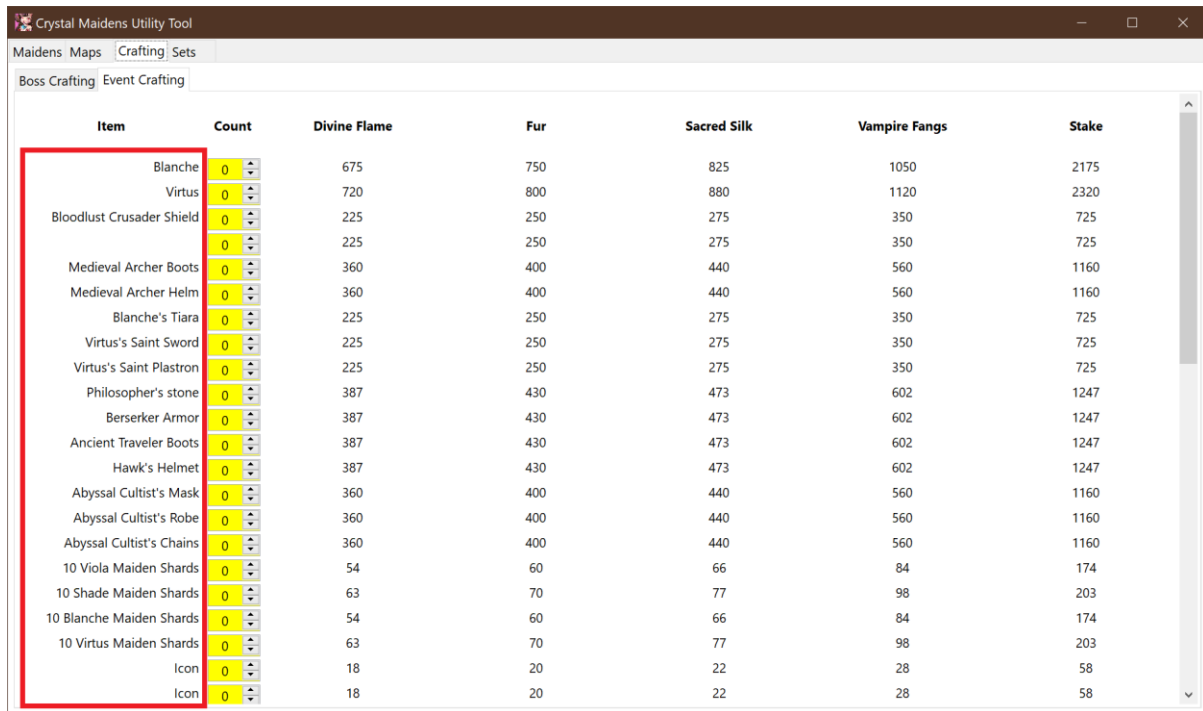
| Maidens   Maps   Crafting Sets |           |        |                 |                 |                 |                 |                |           |        |        |        |        |        |  |
|--------------------------------|-----------|--------|-----------------|-----------------|-----------------|-----------------|----------------|-----------|--------|--------|--------|--------|--------|--|
| 0                              | VIP Level | 0      | Item Drop Bonus | 0               | Coin Drop Bonus | 0               | Temple Level   |           |        |        |        |        |        |  |
| Map                            | Time      | Energy | PlayerXP        | Maiden XP / ... | Coins / Energy  | Crystal Type    | Fodder Value   | Legendary | Epic 1 | Epic 2 | Epic 3 | Rare 1 | Rare 2 |  |
| campaign 1 normal map 1        | 9         | 5      | 50              | 10              | 20              | Nature Crystals | 0.0008         | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 2        | 9         | 5      | 100             | 20              | 400             | Water Crystals  | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 3        | 9         | 5      | 100             | 10              | 30              | Fire Crystals   | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 4        | 9         | 5      | 100             | 20              | 30              | Nature Crystals | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 5        | 9         | 5      | 100             | 200             | 30              | Light Crystals  | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 6        | 9         | 5      | 100             | 240             | 30              | Water Crystals  | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 7        | 9         | 5      | 100             | 300             | 40              | Light Crystals  | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 8        | 9         | 5      | 100             | 400             | 40              | Dark Crystals   | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 9        | 9         | 5      | 100             | 600             | 40              | Nature Crystals | 0.000959999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 10       | 12        | 10     | 300             | 1,500           | 100             | Fire Crystals   | 0.003827999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 40.0   |  |
| campaign 1 normal map 11       | 9         | 6      | 100             | 833             | 42              | Light Crystals  | 0.000799999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 12       | 9         | 6      | 100             | 833             | 42              | Fire Crystals   | 0.000799999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 13       | 9         | 6      | 100             | 1,000           | 42              | Water Crystals  | 0.003589999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 14       | 9         | 6      | 100             | 1,000           | 42              | Dark Crystals   | 0.000799999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 15       | 9         | 6      | 100             | 1,000           | 50              | Nature Crystals | 0.003589999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 16       | 9         | 6      | 100             | 1,166           | 50              | Nature Crystals | 0.000799999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 17       | 9         | 6      | 100             | 1,166           | 50              | Fire Crystals   | 0.003589999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 18       | 9         | 6      | 100             | 1,166           | 50              | Light Crystals  | 0.000799999... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 19       | 9         | 6      | 100             | 1,166           | 50              | Water Crystals  | 0.003589999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 20       | 12        | 12     | 400             | 1,666           | 125             | Dark Crystals   | 0.003189999... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 40.0   |  |
| campaign 1 normal map 21       | 9         | 7      | 200             | 1,035           | 57              | Fire Crystals   | 0.003077142... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 22       | 9         | 7      | 200             | 1,035           | 57              | Nature Crystals | 0.000685714... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 23       | 9         | 7      | 200             | 1,035           | 57              | Water Crystals  | 0.003077142... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 24       | 9         | 7      | 200             | 1,035           | 57              | Dark Crystals   | 0.000685714... | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 25       | 9         | 7      | 200             | 1,071           | 71              | Light Crystals  | 0.003077142... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |
| campaign 1 normal map 26       | 9         | 8      | 200             | 937             | 62              | Nature Crystals | 0.0006         | 0.0       | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |  |
| campaign 1 normal map 27       | 9         | 8      | 200             | 937             | 62              | Dark Crystals   | 0.003077142... | 0.0       | 0.0    | 0.0    | 0.0    | 60.0   | 0.0    |  |

- Click the column heads to sort them.
- Changing VIP level, item drop bonus, coin drop bonus and temple level will influence the values in the list.

Your preferences will be saved upon leaving the tab page!

## EVENT CRAFTING

### Tooltip areas:



| Item                      | Count | Divine Flame | Fur | Sacred Silk | Vampire Fangs | Stake |
|---------------------------|-------|--------------|-----|-------------|---------------|-------|
| Blanche                   | 0     | 675          | 750 | 825         | 1050          | 2175  |
| Virtus                    | 0     | 720          | 800 | 880         | 1120          | 2320  |
| Bloodlust Crusader Shield | 0     | 225          | 250 | 275         | 350           | 725   |
|                           | 0     | 225          | 250 | 275         | 350           | 725   |
| Medieval Archer Boots     | 0     | 360          | 400 | 440         | 560           | 1160  |
| Medieval Archer Helm      | 0     | 360          | 400 | 440         | 560           | 1160  |
| Blanche's Tiara           | 0     | 225          | 250 | 275         | 350           | 725   |
| Virtus's Saint Sword      | 0     | 225          | 250 | 275         | 350           | 725   |
| Virtus's Saint Plastron   | 0     | 225          | 250 | 275         | 350           | 725   |
| Philosopher's stone       | 0     | 387          | 430 | 473         | 602           | 1247  |
| Berserker Armor           | 0     | 387          | 430 | 473         | 602           | 1247  |
| Ancient Traveler Boots    | 0     | 387          | 430 | 473         | 602           | 1247  |
| Hawk's Helmet             | 0     | 387          | 430 | 473         | 602           | 1247  |
| Abyssal Cultist's Mask    | 0     | 360          | 400 | 440         | 560           | 1160  |
| Abyssal Cultist's Robe    | 0     | 360          | 400 | 440         | 560           | 1160  |
| Abyssal Cultist's Chains  | 0     | 360          | 400 | 440         | 560           | 1160  |
| 10 Viola Maiden Shards    | 0     | 54           | 60  | 66          | 84            | 174   |
| 10 Shade Maiden Shards    | 0     | 63           | 70  | 77          | 98            | 203   |
| 10 Blanche Maiden Shards  | 0     | 54           | 60  | 66          | 84            | 174   |
| 10 Virtus Maiden Shards   | 0     | 63           | 70  | 77          | 98            | 203   |
| Icon                      | 0     | 18           | 20  | 22          | 28            | 58    |
| Icon                      | 0     | 18           | 20  | 22          | 28            | 58    |

- Will show you stats of the craftable. In case of an item, it will show class restriction, item slot and set bonus.
- Currently under development. This is not finished! Use at own risk.

Your preferences will be saved upon leaving the tab page!

## SET ITEMS

| Crystal Maidens Utility Tool |         |        |           |                     |                     |                    |  |
|------------------------------|---------|--------|-----------|---------------------|---------------------|--------------------|--|
| Maidens Maps Crafting Sets   |         |        |           |                     |                     |                    |  |
| <All>                        |         | All    | <All>     | All                 |                     |                    |  |
| Item Name                    | Class   | Maiden | Itemslot  | Stat                | Stat                | Stat               |  |
| Burning Knight's set         |         |        |           |                     |                     |                    |  |
| Burning Knight's Helmet      | Warrior | All    | Head      | Hitpoints: 239.25   | Dodge: 12.47        | Defence: 20.3      |  |
| Burning Knight's Chest       | Warrior | All    | Chest     | Hitpoints: 294.35   | CDR: 20.30          | Defence: 20.3      |  |
| Burning Knight's Weapon      | Warrior | All    | Weapon    | Damage: 294.35      | Hitpoints: 288.55   | Attack Speed: 34.8 |  |
| Burning Knight's Shield      | Warrior | All    | Shield    | Hitpoints: 195.75   | Defence: 18.56      | Crit Chance: 43.5  |  |
| Burning Knight's Boots       | Warrior | All    | Boots     | CDR: 20.30          | Dodge: 12.32        | Defence: 12.7      |  |
| Burning Knight's Accessory   | Warrior | All    | Accessory | Damage: 123.25      | Attack Speed: 17.40 | Crit Chance: 17.4  |  |
| Burning Wizard's set         |         |        |           |                     |                     |                    |  |
| Burning Wizard's Head        | Wizard  | All    | Head      | Hitpoints: 232.00   | Attack Speed: 32.62 | Dodge: 18.8        |  |
| Burning Wizard's Chest       | Wizard  | All    | Chest     | Damage: 145.00      | Hitpoints: 253.75   | Dodge: 18.1        |  |
| Burning Wizard's Weapon      | Wizard  | All    | Weapon    | Damage: 232.00      | Attack Speed: 21.75 | Crit Chance: 30.4  |  |
| Burning Wizard's Shield      | Wizard  | All    | Shield    | CDR: 14.50          | Defence: 14.50      | Crit Chance: 15.9  |  |
| Burning Wizard's Boots       | Wizard  | All    | Boots     | Attack Speed: 21.75 | Dodge: 21.75        | Defence: 14.5      |  |
| Burning Wizard's Accessory   | Wizard  | All    | Accessory | Damage: 195.75      | Attack Speed: 36.25 | CDR: 29.0          |  |
| Burning Sniper's set         |         |        |           |                     |                     |                    |  |
| Burning Sniper's Head        | Sniper  | All    | Head      | Damage: 229.10      | Dodge: 19.72        | Crit Chance: 31.9  |  |
| Burning Sniper's Chest       | Sniper  | All    | Chest     | Damage: 266.80      | Hitpoints: 232.00   | Dodge: 26.1        |  |
| Burning Sniper's Weapon      | Sniper  | All    | Weapon    | Damage: 290.00      | Attack Speed: 44.95 | Dodge: 26.1        |  |
| Burning Sniper's Shield      | Sniper  | All    | Shield    | Hitpoints: 181.25   | Attack Speed: 43.50 | Crit Chance: 34.2  |  |
| Burning Sniper's Boots       | Sniper  | All    | Boots     | Damage: 234.90      | Attack Speed: 42.05 | Crit Chance: 36.2  |  |
| Burning Archer's set         |         |        |           |                     |                     |                    |  |
| Burning Archer's Head        | Archer  | All    | Head      | Hitpoints: 181.25   | Dodge: 14.50        | Defence: 14.5      |  |
| Burning Archer's Chest       | Archer  | All    | Chest     | Hitpoints: 159.50   | CDR: 17.40          | Defence: 17.4      |  |
| Burning Archer's Weapon      | Archer  | All    | Weapon    | Damage: 253.75      | Defence: 14.50      | Crit Chance: 29.0  |  |
| Burning Archer's Shield      | Archer  | All    | Shield    | CDR: 21.75          | Dodge: 14.50        | Defence: 18.1      |  |
| Burning Archer's Boots       | Archer  | All    | Boots     | Attack Speed: 21.75 | Dodge: 18.12        | Crit Chance: 18.1  |  |
| Burning Archer's Accessory   | Archer  | All    | Accessory | Damage: 145.00      | Attack Speed: 31.75 | Crit Chance: 19.1  |  |

- You can filter by item slot, maiden, class and set name
- By hovering over the item name, you will get a tooltip with the full set stats.