



# ARCANE GAME

## Episode 1 - Ceramic Combustion

### 1. Classic

By saying the two things out loud, bulls and eye, you get the word **bullseye**.

### 2. Reflection

By looking in the mirror and reading the text backwards you find a riddle. The solution to the riddle is **keyboard**.

### 3. RUN

The image shows the passage between hall D and the south lobby. Around the corner is a piece of paper with the password, **clementine**.

### 4. My box of old memories

The words Mozzarella, Basil and Tomato are hidden in the image. Combine these ingredients to make **caprese salad**.

### 5. Jerk

Each image is a dedicated emote on the popular streaming service Twitch. By taking the first letter of each name of the emote, you get the word **hedonism**.

### 6. Whats the source of that smell?

By looking at the source code of the text, you see that there are zero width space symbols surrounding some of the letters. By selecting these letters you get the word **invasion**.

### 7. Roam On

By interpreting the characters as roman numerals, performing the subtraction and converting it from ASCII to letters, you get the word **fizz**.

### 8. There was a man

Each image refers to a James Bond movie: Thunderball, You Only Live twice, Never Say Never Again, Golden eye, Casino Royale, and Skyfall. Each image also contains a number. Indexing into the movie titles with these numbers, you get the word **hyenas**.

### 9. Matryoshqrka

The Morse code gives coordinates to a note with a QR code with a link to the Morse wiki page. In the center of the QR code there are 7 rows of morse code spelling out the word **iceberg**.

### 10. What's the point?

The shapes are segments of a dartboard. By taking the number value for hitting each area with a dart and summing the values for the shapes that are grouped together, then translating from decimal into letters, you get the word **wilder**.

### 11. Pablo's Painting

The image has a description text that leads you to the south lobby, past the statue of Super Mario to a pair of stone slab paintings. Between these is a nice painting. Each color rhombus is a coordinate on the painted picture. By following each row on the image and drawing from point to point corresponding to the locations on the painting, you get the letters **locus**, which is the password.

## Episode 2 - Mouse Manure

### 1. 2 Class 2 Curious

The words in the pictures are: Pickaxe - axe + ash + you. Saying these out loud gives the answer, **pikachu**.

## 2. Globetrotter

Each item in the list has its own Wikipedia entry. Each Wikipedia entry in turn has its own Wikidata ID. By taking the ID values and converting them into ASCII, you get the phrase **turdus maximus**.

## 3. X by Y

The images are meant to represent the following words: oblong, shortcut, longan, shortening, shorthand, longhorn, and longspur. Each of these has the word short or long in them and when read as morse you get the word **text**.

## 4. Speed of Sound

The description of the task leads you to the Black and White restaurant in Elmia where there is a device setup with a headset and screen. By playing the racing game, which entails vocalizing different pitches and volumes to control the car, you are presented with text on the screen with a fake answer. By listening to what is played in the headset, you are given the actual password which was **extravagant**.

## 5. Listen from start to finish

Each word in the puzzle is included in the title of one of the songs in the Eurovision 2023 Grand Finals. By replacing each word by the number of the song in the order that they were performed, then converting numbers to letters, one gets a question asking who won Eurovision 10 years ago. The answer to that question, **emmelie de forest**, is the answer to the puzzle.

## 6. Big Ben

The image links to a CMYK-tiff with two colors with values you can read as coordinates. Going to the coordinates takes you to a tree with a box transmitting WiFi.

There are two SSIDs transmitted, where the one named "cool puzzle" is just for admin. The other SSID has an emoji and a word. When connecting to the second SSID using the password "whatever", that SSID gets replaced with a new emoji and word. In total there are 12 different SSIDs that you need to get.

Sorting all emojis by the time of creation of the object depicted and then taking the first letter of each corresponding word gets you the word **saponifiable**.

## 7. Nostalgic

Each sentence in the document refers to song lyrics, but has some words replaced with synonyms. For instance, "Never made it as a knowledgeable male." would actually be "Never made it as a wise man" which is from the song "How you remind me" by Nickleback. By taking the release year of each song and comparing it to the year in the header of the document, you get a set of numbers. One translated into letters, the password **gunplay** is obtained.

## 8. Bottles

First, one assigns the 10-letter name of the game, Milkshaken, to the ten pipes. Then, whenever a bottle at the bottom catches some water, one follows the winding pipe upwards to obtain a letter. Doing this for the full video, you get the password **mainline**.

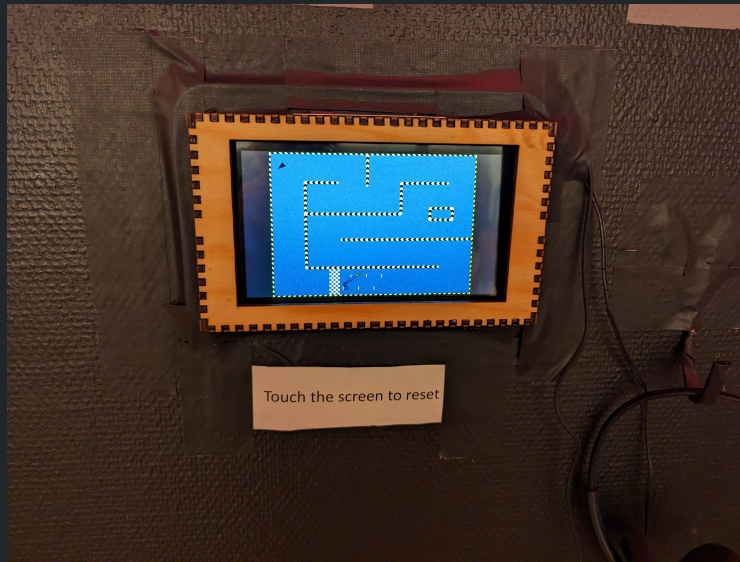
## 9. Quiz

The phrase "leave planet boring" is a reference to the banner displayed over the entrance to Dreamhack, and heading right at the entrance leads to notes with seven questions and seven answer options for each question. The first letter of the answers spell the word rainbow. Sort the answers by their color following the colors of the rainbow. Finally, index into the answers by their position in the list of answer for each question to obtain the answer, **loud ear**.

## 10. Surely you can figure this out

Each paragraph contains every letter in the alphabet except for one. Taking each extracted letter from each row gives the word "bushes". The paragraphs describe the Blackberry Pearl. This device has a unique keyboard layout known as SureType, which (mostly) uses 2 letters per button. With the previously found word "bushes", using the other letter of each button (i.e. b becomes n, u becomes i), you get another word which is the final answer, **niagra**.

## Images of the physical devices



We hope you all had a great time playing the game, and hope to see you again next event!  
We are be happy to receive feedback, ideas and comments to the feedback to the bot on Discord. (<https://discord.gg/GmQwBD4>)  
If you have photos/videos/some other documentation related to Arcane Game (memes are very appreciated!),  
you are most welcome to send a link to it to the same feedback bot.

Arcane Crew **Ankan, Gditz, Ninja and Renanyuu**