



# ARCANE GAME

## Episode 1 - Quirky Quackery

### 1. Classic

Finger + Print = **fingerprint**

### 2. Riddle Me This

By mirroring the picture, you get the riddle: "Each morning I appear to lie at your feet, All day I will follow no matter how fast you run, Yet I nearly perish in the midday sun."

The answer is **shadow**.

### 3. RUN

Go to the place that is in the image, by the stage in the D hall. Instead of the text "red herring", there is a note with the word **exhortation**.

### 4. !hintpls

Connect or go to the Arcane Game discord. Message the bot and tell it "!hintpls" and it will give a string of emojis in return. Each emoji corresponds to a block at the Glitched LAN. By tracing the walk from block to block, you get letters which form the word **unclip**.

### 5. Cinematic

Listening to the linked Youtube Video with clips from movies, you get the following:

"Congratulations on a job well done and for completing the previous part of the Arcane Game, hopefully you already know the rules and are having a good time. The next step is to figure out the password for this task the password is **indubitably** that word is not often used any more of course but it is so much better than filibuster."

### 6. Materials of Worth

Each number is assigned a material based on what people denote or give for anniversary years. This gives the numbers 11 9 20 3 8 5 14 which when converted into letters gives the word **kitchen**.

### 7. I wanna be a ref

Going to the marked out place, there's a device where you have to read braille manually (You cannot take a picture of the symbols). Which gives the answer **utopian**.

## 8. Louis XIV

These are coordinates to places in the world. Follow them and find that they point to things, places or areas which are exceptionally long or short.

17.6454, -63.2206 World's shortest runway

58.44115, -3.09414 World's shortest street

40.4319, 116.5701 Great wall of China (Long)

67.88, 12.98 Town of "Å" in Norway (short)

39.1808, -7.1698 World's shortest international bridge

31.3900, 120.7023 World's longest bridge

37.186, -86.103 World's longest caves

In morse this becomes . .-. --

Which translates to **ELM**

## 9. [i:] [si:] [ei:] [si:] ['faɪv]

The title is pronounced as "ECAC5". If you google it, you get to that it is the European Code Against Cancer 5th edition. Each policy recommendation has a number and color in the code. Translating these colors into numbers gives you 6 9 14 4 1 2 12 5 and replacing the numbers with letters gives you **findable**.

## 10. Rightris

At the given location (on a well in the tilted bricks district), there's a given shape which the user should replicate in the tetris game. The title hints towards that each shape should be moved to the right 1 step. (However, if you don't move any pieces from their corresponding spawn location you also get the same shape). Each word has one letter which isn't used. Concatenating these letters, you get a phrase "eureka you did it password is **armagnac**"

# Episode 2 - Elaborate Expedition

## 1. Altitude

Each emoji represents one digit from 0 to 9. Given the format of most of the lines, you can assume that the numbers will represent coordinates. Since all coordinates starts by the same digits, you can try to fill in the coordinates around elmia. This gives you five of the numbers. 😊 =5, 🟡 =7, 🚫 =1, 🌪️ =4, 🇺🇸 =2. Using the three equations, you can deduce what the rest of the numbers are.

57.790461,14.232865 - 1  
57.788121,14.230275  
57.788399,14.232976  
57.788321,14.229593  
57.788581,14.232832  
57.789943,14.234086 / 5  
57.791085,14.229270 \* 2 + 2

Now that you have the coordinates, you can go to the seven positions and find various things that all have a height somewhere between 1 and 20 meters. Trees, poles, etc. Taking all the heights, and in some cases subtracting, multiplying, and dividing gives you a set of numbers. Those can be converted into letters, that spell out the word **placebo**.

## 2. The Three Wanderers

The three descriptions of travel all intersected at a single point, the Cancerfonden booth. In the booth, there was a QR code on one of the chairs with an Arcane Game logo. Scanning the code gave you "Beltway Compost Finales". Entering this into the systems hinted to towards it being a named file on the Arcane Game server. This image had a logo of the What 3 Words map app as well as the words "Probe Plea Uniform" and "1342". Using the words in the What 3 Words app leads you outside, to the south east of hall D and another note placed on a metal box. The note has the phrase "P... T..... A..... C....." (play together against cancer). Using on the first letters and rearranging them from 1234 into 1342 leads for from PTAC to **PACT**, which is the answer.

## 3. How fast can you really type?

Go to the typing challenge computer by the microwave oven. Play chill and let it fail by not pressing any button. Then play on easy mode and instead of writing the speed typing sentence write the text in the task. It will accept the letters as if they were the "correct" ones. The moment you finish the special text you get presented with a screen which after a few seconds reveals the word **EXCELSIOR**.

## 4. Pretty fly for a wifi

Going close to the plant you can see 10 different numbered wifi SSIDs.

0 ■ □ ■ □ ■ □ ■ □ ■ □  
1 ■ ■ □ □ ■ ■ □ □ ■ ■  
2 ■ ■ □ □ ■ □ ■ ■ □ □  
3 ■ □ □ ■ □ □ ■ ■ □ ■  
4 ■ ■ □ ■ ■ ■ ■ ■ □ □  
5 ■ ■ □ ■ ■ ■ ■ □ □ ■  
6 ■ □ ■ □ ■ ■ □ ■ ■ □  
7 ■ □ □ ■ □ □ ■ □ ■ ■  
8 ■ □ ■ ■ □ ■ □ ■ □ □  
9 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

ordering them correctly and put the black and white boxes in a grid reveals a datamatrix barcode. Scan to get 393141.

number to letter then gives the answer **CICADA**

## 5. Proper tier Lists

The tier lists are listing the tiers of weird properties.

Together with the flavour text, the user should extract the property of the best ranked tier.

For the pokémons, it's the first letter of the pokemon, so you extract F.

For the words, it's the words with most A in it, thus extract A.

For the colors, it's ranked with the most red in it, thus extract R.

For the movies, it's oldest to newest movies, thus extract O.

For the flags, it's the most north country, thus extract N.

Together you get the answer **faron**.

## 6. Replace them all

For each image, there is a left and a right side. The left side represents two words, and the right side represents two other words. The only difference between the pair of words will be one substituted letter. For example, the fourth image is "wing grain" to the left, and "wind drain". Meaning that G has been substituted for D. If you solve all the 24 images, you will get a set of 24 substitutions.

Using the directions in the text at the bottom, you can make your way to the sleeping area. Halfway there, there is a note behind a black cloth with some letters written on it, which does not make much sense to read as is. You can now use the substitutions on this to reveal a riddle. The answer to the riddle is **aurora borealis**.

## 7. 🐻 Muzzy 🐻

### 1. Cracking the Base Code

Starting at the map symbol matching the task title, you discover three interconnected notes. They display digital timestamps, which are navigation coordinates mapping out a trail:

\* **Hour (HH)**: Indicates the direction on a standard 12-hour analog clock face (where 12:00 points due North).

\* **Minutes (MM)**: Indicates the baseline distance to travel in meters.

*Example:* A timestamp of 04:02 tells you to head toward the 4 o'clock position for a distance of 2 meters.

### 2. The First Twist (The Tree)

Following this initial chain leads you 56 meters East, where you encounter a fourth note displaying 14:07.

Adjusting for a standard 12-hour clock, 14:00 translates to the 2 o'clock direction ( $14 \bmod 12 = 2$ ). However, looking 7 meters away in that direction reveals absolutely nothing. If you continue in the same direction you eventually find the next note in a tree (as indicated by the previous note). The next note turns out to be roughly 84 meters away.

**The Breakthrough:** You realize that because the hour hand passed 12, the base distance is multiplied by 12:

$$7 \text{ meters} * 12 = 84 \text{ meters}$$

### 3. Into Hall D and the Ponds

The note found in the tree reads 23:07. Applying your new rule:

\* **Direction:** 11 o'clock ( $23 - 12 = 11$ )

\* **Distance:** 84 meters ( $7 * 12$ ), which guides you to the edge of **Hall D**.

There is a new note at that position following the same pattern which brings you to the edge of one of the ponds. There, you spot a note reading 29 : 01. The hour hand has now wrapped past 12 for a second time.

\* **Direction:** 5 o'clock (29 mod 12 = 5)

\* **Distance:** Does a second wrap mean an additive scaling (+12m for 24 meters) or an exponential scaling (\* 12 again for 144 meters)?

Searching the 5 o'clock vector yields nothing at the 24-meter mark. You keep walking and find the next note exactly **144 meters** away, proving the distance multiplier compounds exponentially with each 12-hour cycle:

$$1 \text{ meter} * 12 * 12 = 144 \text{ meters}$$

#### 4. The Final Leap

The note waiting for you at the 144-meter mark reads 51 : 13. With the understanding we now have of the system, you can run the final calculation:

\* **Direction:** 3 o'clock, meaning due East (51 mod 12 = 3)

\* **Distance:** The hour hand has wrapped past the 12-hour threshold a total of 4 times.

Using the compounding multiplier formula:

$$\text{Distance} = \text{MM} * 12^{\text{(number of 12-hour wraps)}}$$

$$13 * 12^4 = 13 * 20,736 = 269,568 \text{ meters}$$

Traveling **269 km due East** takes you to the island of **GOTLAND**.

*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.*

*If you are not already on discord, use this link: <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.*

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