



ARCANE GAME

Episode 1 - Contrived Circumstance

1. Classic

Ginger + Bread = **gingerbread**

2. It's on the dark side

Text is the same as background colour. Select all to highlight the word **flashlight**.

3. Numbers = Letters

Use the letters for the password (a = 1, b = 2 etc) and translate them into the password **cookie**.

4. I Spy with My Eye

By flipping the text in the mirror and reading it, you get a riddle. The answer to the riddle is **darkness**.

5. Oh that sweet candy

Translate each row of raisins (dots) and werthers (dash) from morse and you will get the answer **clue machine**.

6. RUN

Go to the destination and find a note that says **conifer**.

7. Behind The Scenes

The junk on the desk covers all the letters on the Dreamhack lanyard except for the ones that spell **remark**.

8. Caspers single game of Darts

The title hints at Casper the ghost, and a single game of darts is called a leg, which hints towards the lottery method "Ghost Leg". The task pointed towards a location where a ghost leg document was found, on which there were 26 inputs and 26 outputs. Putting the alphabet above and below and following the lines to replace the characters from the task gives a substitution key to be used. This gives the answer **outstanding furnishing**.

9. Maybe you should name them

Take the hex code of each colour sample and check their names on colornames.org. Then index the number of each color into its corresponding color name on the website. Putting all these letters together gives the answer **turnip reunion**.

10. Sidereum Nox

By going to each location hinted to in the task, you find a total of 4 posters with dots and lines on them. Each poster represents a constellation, namely Pisces, Aquila, Sagittarius and Lepus. By using the hint in the task and translating them from latin into their meaning, they give the words Fishes, Eagle, Archer and Hare. Lastly, by taking the first letter in the first word, the second letter of the second word and so on, you get the password **face**.

11. Gulf's Friends

The last paragraph in the document hints towards doing something with opposites. All of Gulf's friends can be rewritten using an opposite part of the name. Wonty - Willy, Outgrid - Ingrid, Fromny - Tony, Doge - Cate, Himione - Hermione, Sanedie - Maddie, Ory - Andy, Yesel - Noel. Taking the first letter of each rewritten name gives **witchman**.

12. The new Playstation menu looks mighty stunning

The flavor text hints about lights. At the given spot, there's a wooden board with wooden blocks on it. Shining the light (e.g. a mobile phone flashlight) from above, you get the word "face" from the shadows of the blocks. From below, you get the word "lift". Putting them together, you get the answer **face lift**.

13. Rate My Gaming Rig

At the given position, there was a very old CRT TV and a steering wheel. On the TV, there was a very zoomed in picture of four flags, which you could navigate around with using the steering wheel. The flags were Puerto Rico, Austria, Timor-Leste and Spain. Taking the ALPHA-2 ISO code from these flags gives PR-AT-TL-ES, which gives the answer **prattles**.

14. Trailer

Each person is doing a sign language letter. Taking the letters in order gives the answer **technobeat**.

Episode 2 - Delirious Direction

1. Platinum Release

Many sign language letters are shown during the video, but by only using the ones that are made as the background voice yells "Arcane Game" you get the word **hocking**.

2. Penny For Your Thoughts

By drawing lines from each letter on the supplied coin artefact, you get a letter for each row. These letters spell out **warthog**, which is the password.

3. Clock them in, Richie

There are as many soccer player in the image as there are other objects. This indicates that you're supposed to pair them together. Each player has a well-known nickname, which can be associated with a picture in the task. E.g. Philipp Lahm has the nickname "The Magic Dwarf". By drawing a line between the associated pairs, each line will cross only one number. By indexing into the soccer player with this number, you get a letter. As the title indicates, the order you pick them is clockwise. E.g. Harry Maguire -> slabhead -> 12 -> e. Doing this, you'll end up with the answer **eightkilo**.

4. Would You Look at The Time

The numbers are timestamps on a hexadecimal watch face, which the coin artefact you have been given eerily matches. By converting the hexadecimal numbers into decimal numbers, you can read the "watch face" of the coin. The coin "watch face" has 16 numbers, meaning each full hour points to a letter. The minutes can be used to get a letter relative to it's rotation of a full hour. Reading it like this and reading the letters of the coin form the password **coislander**.

5. My Crow Has Four Nests

The striped amphibious snakes refer to fire hoses, around which the crow had hidden four notes in high places. These notes had three Micro-QR codes and one Datamatrix-code. The codes look like they can be combined to one normal QR code, but should be read separately using an app like Scandit and combined to get the answer. The notes contain "pla-", "yful", "fel-" and "ines", giving the answer **playful felines**.

6. X-ice

The title hints at cross eyes. It's a magic eye ASCII that also can be viewed using a solver (e.g. <https://magiceye.ecksdee.co.uk/>) to locate the highlighted words: What ship has two mates but no captain? The answer to the riddle is **relationship**.

7. Pecunia Cogitationis

The latin title hints towards the previous task Sidereum Nox. By taking the coin artefact with you to the different posters, you can see that there is a circle shaped splotch of the same size as the coin. By placing the coin in the center and aligning the logo on the coin to the logo on the poster, you get letters from each poster. The letters are ls, a, t, de. By taking the letter groups in numbered order suggested by the posters and doing some light shuffling of the letters, you get **slated**.

8. Theory of Relativity

From each of the three circles, there are related words to be found within the words describing each image, with numbers telling how many letters should be extracted. Taking the first letter from each extracted word gives another word.

Upper left circle (body parts): manCHESTer united, electric cHAIR, good yEAR, ARMEnia, rotten tomaTOEs.

Each first letter: CHEAT.

Upper right circle (sports words): superBOWL, wheelbARROW, interNET explorer, reD ART games, spINNING jenny, sTEAM.

Each first letter: BANDIT.

Lower center circle (animals): PIG tail, who wants to be a mILLIONaire, stEELix, sANTa claus, watch DOGs.

Each first letter: PLEAD.

Now, one should extract the given number of letters from these three words (there's only one possibility for each word): HEAT, BAND, LEAD.

The LEAD singer of the BAND H.E.A.T is **kenny leckremo**

9. Game first, Roman after

The first step is to identify that each character shown in the task is featured in a specific video game. For instance, Silent Hill 4, Persona 5, Team Fortress 2 etc. The next step is to replace the characters with the number from each game title and solve the resulting sudoku grid. The last step is to, for each video game, trace from the first roman numeral consecutively to the next for each sudoku number. This gives you the letters **mouldings** which is also the answer.

10. Line Them Up

The title and speaker of the quote are references to Carl Linnaeus, and the system of taxonomy that he invented in 1735. The three lines show a starting point and steps to move on the grid of different animals. By identifying the animals' scientific classification and figuring out how much the classification of subsequent animals differ (species, genus, family, order, class and phylum being 1-6), three number sequences are obtained. The quote is a reference to Henslow's swimming crab, which has the classification "Polybius Henslowii". This is a clue that a 4x6 Polybius square should be created, in the shape of the animal grid, with i/j and c/k sharing squares. By using the Polybius square to decode the three sequences of numbers, one obtains the names Berlin, Falk and Martin. By googling these three names together with Linnaeus, one finds that they are three of Linnaeus' **apostles**.

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.
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.

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