

Ghosts are not real. That's the lesson from Scooby-Doo, apart from the times where they WERE real.

Mystery Incorporated, the ghosts are real. In the movie, the monsters were real. In The 13 Ghosts Of Scooby-Doo, there were, you guessed it, 12 ghosts and then the show got cancelled. (Maybe the 13th ghost was the soul of the dead show)

But in the original series, Scooby Doo Where Are You, there were no ghosts. It'll be some guy in a costume who would've gotten away with it- or would they?

Whenever the culprit is caught there's a brief explanation of how they did it, how they pulled off the Ghost Trick?

So I'm doing my own detective work to see if it's actually possible using their own methods to recreate the Scooby Doo spooks.

Basically, I wanna make a real ghost.

That's right I'm overthinking cartoons again!

But oh no, I can't leave the realm of the living because I'm being weighed down by such a bulky wallet - that's right - this video is sponsored by Ridge Wallet.

Ridge Wallets are lightweight and compact making them perfect replacements for the chonky boy.

It can hold up to 12 cards plus cash, comes in a variety of colours and styles, and each wallet comes with a lifetime warranty. So one wallet could last you your entire life. They'll outlive us all.

And because you can click on the URL below, use the codeword EDDACHE and get 10% off plus free shipping, I have been officially made a Saint. Bless you Ridge Wallet and back to the video.

Scooby Doo Where Are You consists of 25 episodes, and the majority of these we can just relegate to the unimpressive Man In Costume category. Redbeard's Ghost is just a pirate costume. Ape Man is just a gorilla costume. The Miner 49er just wore a wig and a hat and stood on stilts.

[Redbeard's Ghost / Ape Man / Miner 49er / phony phantom]

How did they make a show of this?

There's nothing GHOSTY about these guys aside from maybe some wires and secret passages. So many secret passages. [hyde / hex / witch doctor / puppet / ape / zen tuo / headless / witch / night of fright]

Who's the architect of these places, M. C. Escher? The artist? Too niche? Lemme try again.

Who's the architect of these places... Minecraft? [canned laughter]

Sometimes the paranormal activity isn't even explained, how did this vampire disappear, how does this witch doctor levitate, how is this bone flying? **Is it TOO MUCH to ask that this kids detective show explains absolutely everything to me? IS IT?**

Why are these apparent regular dudes so surprisingly strong, why? Because? Why because? Just because. I am your mum now. [hyde / black knight / charlie / wax phantom].

So now we've cut the lame and the unexplained, we can focus on the ghosts that actually demonstrate supernatural abilities that we can demonstrate. Remember, we want to make a ghosts, such as The Ghost Of Captain Cutler.

CHAPTER ONE: GHOSTLY GLOW

A Clue For Scooby Doo is the title of this episode which also acts as the synopsis for the whole show AND **the opening lyric of my debut scat album**. The Ghost Of Captain Cutler, who turns out to be Captain Cutler but not a ghost (**aah**), spooked people from the Graveyard Of Ships with a diving suit that glowed. Like a Big Daddy who works at an airport.

[bioshock 1 plane crash]

But how though does he glow so?

[Phosphorum Pyifora]

So I ordered some Phosphorum Pyifora, but like my self esteem, there is none. Glowing Seaweed was completely made up for the episode, but what does exist is bioluminescent algae. Living organisms known as dinoflagellates that essentially absorbs light during the day and emits them during the night. But can we use this to make our own scary scuba diver?

I imported some algae. They may be a plant but they need special controlled conditions, even direct sunlight could kill them. Because they needed this extra level of care, I couldn't help but bond to them. They may be just a bag of mould but I felt super-protective, their tiny lives in my fat stupid hands. Now I finally know what it feels like to be a father.

I carefully transferred them to a see-through container and included our diver where he remained submerged for 24 hours. It was time to put our glowy boys to the test but would they be up to the task. I invested so much tender loving care, but any mistake could kill them. I was scared, what if I let them down. There was only one way to be sure.

It's difficult to catch on film but with some light shaking, the algae sparkled a beautiful blue glow. The time invested had paid off and I was rewarded with a light show like nothing I've seen up close before. It's genuinely kinda magical and I've never been more proud.

But what about the diver? I retrieved the little guy and he did not light up, the algae dripped away immediately and didn't glow without the water. Our Lego Diver may be plastic but the diver dress is made out of copper, brass, bronze and rubber aka waterproof. So no water means no glow. I have debunked a cartoon ghost from 1969. Take that Satan.

But what was the deal with the whole Phosphorum Pyifora thing?

https://en.wikipedia.org/wiki/Standard_diving_dress

Because someone on the Scooby Doo team was super horny for Phosphorus. [Ghost Ship / Space Kook / Glowing Seawood / Mr Hyde]. So what is it? Well amongst other things, It's an explosive!

It's a chemical element that can be highly reactive to oxygen and as a result creates a glow effect. It's also a military grade explosive and Amazon won't send me any.

Phosphorescence despite the similar name, isn't made of Phosphorus but it's how we get the more novelty glow-in-the-dark things, like toys and paint **which is probably more along the lines of what they were going for**, unless there was an episode of Scooby Doo I missed.

[Hyde - Explosion]

Rocky Point Beach (Baltimore) -

<https://www.google.com/maps/place/Rocky+Point+Park+and+Beach/@35.0692158,-112.113157,3.5z/data=!4m5!3m4!1s0x89c7fe7d3440c9ed:0xacb42bea6db47381!8m2!3d39.2514428!4d-76.4049523>

Only in California and Florida, maybe New Jersey

<https://www.treehugger.com/incredible-places-where-the-ocean-glows-4864191>

<https://matadornetwork.com/trips/15-places-to-see-bioluminescence-pics/>

<https://www.wikihow.com/Grow-Bioluminescent-Algae-at-Home>

<https://ukjellyfish.co.uk/shop/pyrodinos/blue-boost-dinonutrients/>

<https://www.theguardian.com/science/2005/nov/19/thisweekssciencequestions.uknews>

<https://en.wikipedia.org/wiki/Phosphorus>

CHAPTER TWO: PHANTOM PROJECTIONS

Another common theme for Scooby Doo ghosts are movie projectors. From the extra terrestrial [Space Kook] to the culturally inappropriate [Dognapper]. But without something to project the image onto, it's basically a hologram which currently can only function with some augmented reality equipment such as the Microsoft Hololens or the dragon on the Nintendo 3DS. Getting objects to appear in a volumetric display like Tony Stark is possible by illuminating particles with specially targeted lasers but it's currently pretty small. Either way, we're not at the point now nor in 1969, where we can use it to scare off people in order to win a dog contest.

<https://interestingengineering.com/how-close-are-we-to-real-3d-holographic-technology>

<https://bgr.com/2018/01/26/3d-holograms-real-volumetric-display-projection/>

<https://www.nature.com/articles/nature25176>

<https://www.sciencenews.org/article/lasers-trace-new-way-create-hovering-hologram-images>

And in What The Hex Going On, the gang use a projector to create ghostly images. This is actually kinda possible. Projection Mapping is the technique of projecting onto different shaped objects like buildings, usually to create optical illusions.

https://en.wikipedia.org/wiki/Projection_mapping

So that could be what's being done here, especially with the depth of field, but in ghost-terms, it's just projecting onto a wall, and that's a bit shit.

In Hassle In The Castle, doesn't sound quite right with a British accent does it, we have the Phantom who passes through walls and people. How did they do it?

This trick is actually reminiscent of Pepper's Ghost.

The gist is you have a sheet of transparent glass picking up the reflection of either a brightly lit object or by a projector hitting a mirror. It's a trick that's in wide usage from the Haunted Mansion to teleprompters to [Hatsune Miku] yep even that. And it's easy to reproduce.

[Experiment]

As it requires a sheet of glass at specific angles to capture the illusion, during the scenes where the Phantom chases them around, from their perspective would be a sheet of glass is flying towards them which, y'know that's fair, I'd run too.

<https://www.instructables.com/id/Peppers-Ghost-on-a-Budget-Quick-and-Cheap-Ghost-III/>

https://en.wikipedia.org/wiki/Pepper%27s_ghost

<https://en.wikipedia.org/wiki/Vocaloid>

https://en.wikipedia.org/wiki/Augmented_reality

<https://en.wikipedia.org/wiki/Autostereoscopy>

Building with 3d deconstruction

Clock toy with hologram time

CHAPTER THREE: REVOLTING ROBOTICS

CHAPTER FOUR: HAIR-RAISING HYPNOSIS

https://scoobydoo.fandom.com/wiki/Bedlam_in_the_Big_Top

<https://time.com/5380312/is-hypnosis-real-science/>

<https://www.healthline.com/health/is-hypnosis-real#session-frequency>

<https://science.howstuffworks.com/science-vs-myth/extrasensory-perceptions/hypnosis1.htm>

<https://www.nhs.uk/conditions/hypnotherapy/>

<http://www.steve-baxter.co.uk/>

Possible to be hypnotised against your will/by surprise

Possible to do things totally out of character & put your life in danger
Possible to do something you've never done before like a forward/back flips or ride a unicycle
Totally unaware of your actions
Shock awake with water
Hypnotize yourself

CHAPTER FIVE: SPEEDY SPOOKS

We've got a lot more ghosts, so let's do this double time.

[Nowhere To Hyde]

Climbing walls using suction cups. In 2016, Stephen Rogata famously climbed some unimportant skyscraper using suction cups, so this seems easy, right? No. Unless the surface is smooth and non-textured, suction cups can't create the vacuum to grip. So a glass tower is fine, but Mr Hyde couldn't climb this building, nor can Scooby hang himself... wait.

<https://www.suctioncupsdirect.co.uk/Suction-Cups-by-type/118.htm>

<https://www.ggrgroup.com/news/mythbusters-can-you-use-a-suction-cup-to-scale-a-skyscraper/>

https://www.youtube.com/watch?v=m4g8c_OP3Pc

<https://www.youtube.com/watch?v=9PLiGQw9iKU>

<https://www.newsweek.com/how-climb-building-suction-cups-stephen-rokata-492584>

Industrial suction cups are mainly designed to maneuver panes of glass, that's how the climber was able to climb a mostly glass tower. It only works on smooth non-textured surfaces so the air can be pushed out creating a vacuum to grip. Something like brick walls and ceilings would be too rough and coarse meaning a suction cup cannot fully create the airtight vacuum needed to grip and hold somebody's weight.

[That's Snow Ghost]

Transparent Skis to look like you're flying. Skis are generally made in layers of different materials, including plastic, so a completely transparent ski is possible, except, it's really obvious, especially when it's moving, be it reflections of light, shadows cast, smudges on the material. Otherwise, like birds, we'd fail to notice anything glass. Oh my god, floating water!!

[What The Hex Going On]

This table flies with a fan, except fans cannot create the power to lift themselves, let alone extra weight, using push power without something extra like a sail [Fan powered parasailing]. I tried researching on a website called Only Fans and Jesus got mad at me. Propellers can lift themselves using pull power with the blades at the right angle, so you could try a table-drone? Now that's scary.

Urgh! Nothing's working!!

Inflatable decoy? [Which Witch is Which?] - No.

Helium balloon ghost? [Haunted House Hang-Up] - No.

Dry Ice [Go Away Ghost Ship] - No.

<https://www.chillistick.com/all-products/dry-ice-pellets-in-pack-sizes.html>

Flour [That's Snow Ghost] - STOP!!

That's every ghost in Scooby Doo Where Are You, all of them. I tried everything and nothing worked... unless...

Typically the gang are the most rattled by the ghost when they first hear of it. Then as they get more exposure to the ghost, the more sceptical they become. So maybe the scariest ghosts are just the stories we tell, and to let the imagination do the rest of the work.

Do you feel that? That itch crawling up your arm. Like fingers stroking your skin. A light breeze or the mind playing tricks but it's a presence that doesn't leave you. Even now the unease creeps across your body, like the sensation of unseen arms closing in around you. Your throat closes up, it becomes harder to breathe. The senses say run, logic says stay and a voice says "where are you?"

https://scoobydoo.fandom.com/wiki/List_of_monsters_and_villains

<https://www.historic-uk.com/CultureUK/Smugglers-Wreckers/>