

THE MESSENGER



Short
animation
video idea
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The idea:

“The Messenger” is a short animation video about a young girl at the age of 7, with a great curiosity about the universe.

One day when she accompanied her mother at work, at VIRGO gravitational wave detector in Italy, her whole conception about the world around her changed.

All started with a “chirp”.

The target public:

For young kids and the general public (people with no specific physics knowledge)

The script:

The video starts with the girl in her room gazing from her window at the stars. Her mother comes in to put her in bed..

-Mom: Evi it's time for bed.

-Evi: I want to keep watching at the stars.

-Mom: They are indeed beautiful but you need time to rest.

Tomorrow morning you will see the closest star to earth.

-Evi: But we can't see the stars in the morning.

-Mom: Sweetie, our Sun is like one of the million stars out there.

-Evi: Wow, really?!

-Mom: Yes, but never look at it directly, it can damage your eyes, because it's sooo bright.

The script:

- Evi: Okay! Do you believe when I'm old enough I could travel around the Sun?
- Mom: Haha probably with the appropriate spaceship.
- Evi: Will the Sun get old, too?
- Mom: Well yeah, the stars just like people has a start and end point in their lives.
- Evi: But the Sun is always there and never changing.
- Mom: The star evolution is different than the human evolution, they take much more time to grow.
- Evi: Pff, I should have been born as a star.
- Mom: Well we all people are made from stardust, but that's another story to tell another time. Sleep well little star.

The script:

-Evi: Ohhhh! That's not fair. I want to know, I can't sleep.

-Mom: Well I'll tell you what. If you sleep now, I'll take you tomorrow to my work where we try to find old stars.

Evi closed immediately her eyes and looking forward to the next day.

The next scene shows her and her mother entering the Virgo GW facilities.

-Mom: Evi I have to do a small work but Maria my assistant can give you a tour around this huge place.

-Evi: But I want you..

-Mom: I know little star, I am sorry it will only take some minutes.

-Maria: Come on Evi, we will have so much fun..

The script:

While Maria was talking in what seems to Evi as Chinese, an open door drew her attention. Evi run into a huge room with screens everywhere.

-Evi: What is this place?

-Mike: Who brought a child here?

-George: Don't shout, you will scare her. What's your name sweetie?

-Evi: My mom told me not to tell my name to strangers and to not take candies from them

George discreetly put the chocolate bar back into his pocket

-Maria: Evi!! Where are youuu?

The script:

- Mike: Maria are you looking for child? She is right here.
- Maria: Evi, you scared me! Don't go anywhere without supervision.
- George: Oh come on guys, she is just a kid, a curious and adventurous kid.

Suddenly Evi heard a weird noise...

- Evi: What is this?*
- George: This is how a Gravitational Wave sounds like.*
- Evi: A gravit..what?*
- George: Have you gone pipnic?*
- Evi: Yes of course!*

The script:

-George: Okay imagine you are at a park for a picnic with your mum.

Before you sit, your mum takes the tablecloth and toss it.

If we slow motion this moment, you will see that your mum creates some ripples at the tablecloth with this movement which travels from her hand to the end of it.

In the reality a very old star such as a black hole or a neutron star creates ripples at the fiber of space time that travels very long distances into space and very fast and reach us.

The script:

- Mom: What it is happening here?
- Evi: Mommm *runs into her hug*, this man told you an old woman.
- Mom: Whaaat?
- George: There were a misunderstanding, I was explaining to her what it is a gravitational wave.
- Mom: Oh I see.
- Evi: Mom I want to communicate with the old stars.
- Mom: Oh sweetie that's impossible.
- Evi: No they just send me a message it was like "chiiirp".
- Mom: haha okay, we can't exactly communicate with the old stars but we can learn from them more about their identity and the universe.

The script:

When Evi heard those words she knew what she wanted to do with her life..

Scenes from her childhood to adulthood and taking her degree in physics while playing a song with this lyrics

“In the deep space
Searching for how our history begun
there are a messenger
hiding to well in the dark..

Where are you messenger?
I think you want to challenge me
I want to learn about your secretes
You are not scaring me

you are hiding somewhere I can not sence
somewhere I can not see
but you can't escape your destiny!

So tell me what I am missing..
Is there is something out there?
There's too much noise around here.
I can't escape my head

But I will listen
if you ready to open your core
I am knocking down the barrier
I am destroying the wall

The script:

I am making a space-time bridge
In order to help you communicate
I'm reducing the noise
I am opening up the gate

I am not judging
I am just curious to learn
How this universe is shaped?
Is there is something that is going to break?

What else is out there?
What exists inside a black hole?
Am I just a lucky circumstance or I have a purpose in this world?

I know you can't answer me everything I want to know
But you can help me make my journey grow

You are the Messenger
And I am the Cosmic Explorer.