

Young alchemists: fun experiments awake the scientific calling of future generations

LOCATION: Seville

DURATION: 1:55

SUMMARY: 'Young Alchemists' is the project of Almudena Gil, a doctor in Chemical Science based in Seville, who is tired of people thinking that science is boring. Almudena hosts workshops for boys and girls from 5 years old that introduce young alchemists to the principles of physics and chemistry through simple and fun experiments.

VTR:

In this workshop, the boys and girls are having fun and learning science

AMBIENCE "Today we are going to study what surface tension is."

ALMUDENA GIL

Creator of Pequeños Alquimistas

"When I say that, children do this..."

To figure it out, the first step is putting their lab coats on. And now, they prepare the materials they will need to perform the experiments.

ALMUDENA GIL

Creator of Pequeños Alquimistas

"What we do is conduct experiments for children that have to do with everyday life, using household materials. Many can be found in the kitchen."

It is the initiative of this entrepreneur with a PhD in Chemistry. Creative science workshops for children from five years old, purely experimental, show them that science is not that boring and it helps you understand your surroundings. With this, she hopes to compensate for the excessive theoretical education in schools.

ALMUDENA GIL

Creator of Pequeños Alquimistas

"There is a lack of practice, due to a pressure that professors have in school to meet certain program requirements. Theory looks good on paper but then there are no means, there is no time..."

And today, between laughs and mischief, they learn what the surface tension of a liquid is. What is it? It is the resistance shown by a liquid to increase its surface area. Pure physics.

CHILDREN

"It's a little difficult, but I don't know, I don't think it's that difficult."

"The explosions are what I like the most, and trying to perform experiments. Or something like that."

ALMUDENA GIL

Creator of Pequeños Alquimistas

"If I can get them to laugh and they are having a good time: that is the perfect mix."

The best mathematical formula to ensure the scientific awakening of the future.

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