

THE SCIENCE BEHIND ARTS



DOCUSERIES | 8 x 15 MIN

Languages: English & French
Theme: Science
Producer: Eurêka! Productions

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Worldwide Rights Available



Dancers that push the boundaries of biomechanics. Architects who defy the laws of gravity. A musician who, nonchalantly, juggles with mathematics... There is a lot of science in arts. And a lot of arts in science. It is this junction between two worlds that The Science Behind Arts wants to explore... from a scientific point of view! Through this series of eight episodes, our journalist leads us from a questioning to a demonstration, from a laboratory to a practical application and from one revelation to another. She does not hesitate to take part in various experiments, or to be a guinea pig to demonstrate the subject. She shows us passionate researchers who every day, are pushing the limits of knowledge. The invigorating tone of our reporter and cheerful rhythm of the episodes are simply irresistible. For sure, they will tickle your thirst for knowledge!



*From the producers of "Sex Around the World",
"Schools Like No Others" and "The Best Markets on Earth".*

THEMES EXPLOITED BY THE DOCUSERIES



ARCHITECTURE

From sandcastles to wood block towers, architecture always fascinated the young ones. Although, we have to keep in mind that a solid construction is built according to scientific principles: gravity, pressure, torsion. And that it is the architect that calculates all these elements so that a structure does not collapse at the first gust of wind, like a house of cards.

CULINARY ARTS

Like a scientist in his laboratory, the Chef experiments, harmoniously combining flavors and scents, and transforming textures. While taste and smell senses share the tasting plate, a third ingredient fascinates scientists and chefs: the trigeminal system!

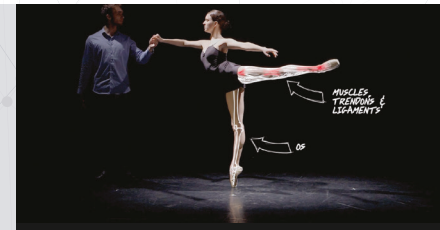


CREATIVITY

Creativity often refers to the child or the tormented artist. Yet everyone is creative on a daily basis, while nature is filled with creative ideas to inspire from. But how does creativity work and how to cultivate it? This is an art!

DANCE

Dance, the perfect symbiosis between body, movement and space. Muscles, tendons, bones and fasciae punctuate the steps, but the neurons also twirl, through learning routines and visualization. Dance shapes the brain and can even become therapeutic. Clap! Clap! On track!



LITERATURE

Inseparable faculty of literature, language is the basis of any form of writing. It shapes the thought of the writer, who, consciously or not, shares its imagination, its culture and its experience in its writings. The science behind literature? Know how to conjugate past, present and future!

PHOTOGRAPHY

Brightness, contrast and framing amalgamate to achieve the dreamed picture. The artist captures a moment, immortalizes an emotion. But in forensic science, the photographer becomes the creator of precious references, while in astrophysics, he is now able to photograph ... black holes!



MUSIC

Music vibrates, literally and figuratively. The rubbing of a bow or the pinching of a string creates waves in the air, which resonate to our ears. But how does music trigger pleasure? And what distinguishes a prodigy from a simple musician? There lies all the science of art!

THEATER

The actor is about to go on stage. His pulse increases and his muscles contract. How to beat stage fright? How to avoid memory gaps? And how to play strong emotions such as sadness and fury? That's all the talent of the actor, who, without knowing it, uses science.

