

The background features a complex, abstract pattern. On the left, there are dark, wavy, vertical lines that create a sense of depth and movement. On the right, there is a vibrant, multi-colored grid pattern with shades of red, green, and purple. The overall effect is dynamic and visually stimulating.

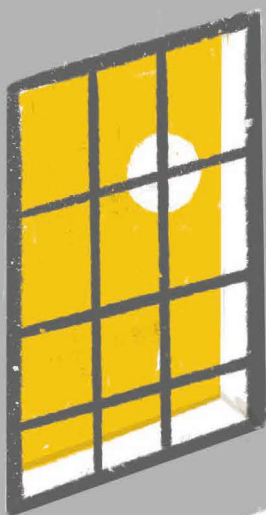
# TEEN AGER KIT

A tool designed for teens  
aged 12 to 19 to explore the

**OLAFUR ELIASSON**  
**NEL TUO TEMPO**

Exhibition

2 Triple seeing survey, 2022  
3 Tomorrow, 2022



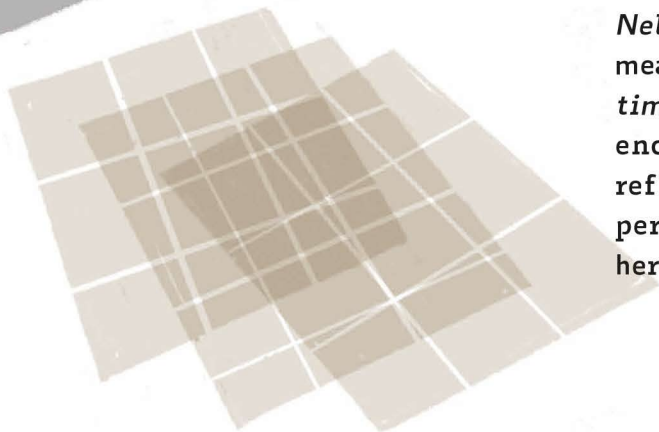
Olafur Eliasson (b. 1967) is an artist who was raised in Denmark and Iceland, but he moved to Berlin in 1995 and set up his own studio there. His works of art are made of materials such as light, shadow, reflection, water and mirrors, and they're often designed specifically for the rooms where he holds his exhibitions.

Here at Palazzo Strozzi he's showing older work alongside new installations that he was inspired to create by the Palazzo's huge windows.

Eliasson is fascinated with light, its colours and the visual effects it creates in relation to space, and with the concept of time, which can be measured very precisely but which is also extremely subjective.

**Do you remember the longest minute in your entire life?**

The exhibition is called *Nel tuo tempo*, which means *In your own time/weather*, and it encourages visitors to reflect on the way we perceive time and space, here and now!



Light is the wave of an electromagnetic field just like radio waves, X-rays and UV rays, but the human eye only perceives a very limited frequency of these waves.

Visible light spreads into the void and interacts with matter in different ways. Every object emits, reflects or absorbs a different amount of light based on its individual characteristics. Eliasson causes light to interact with different surfaces to create increasingly complex effects. He even "uses" visitors' bodies to create shadow effects he can't control.

What happens when you enter the exhibit's space? How can you interact with light and space? Try forging some kind of interaction with other visitors' shadows.



In a world in which it's possible to radically change one's viewpoint, what would your new rules for governing our life as a society be? Lie down and think about it!

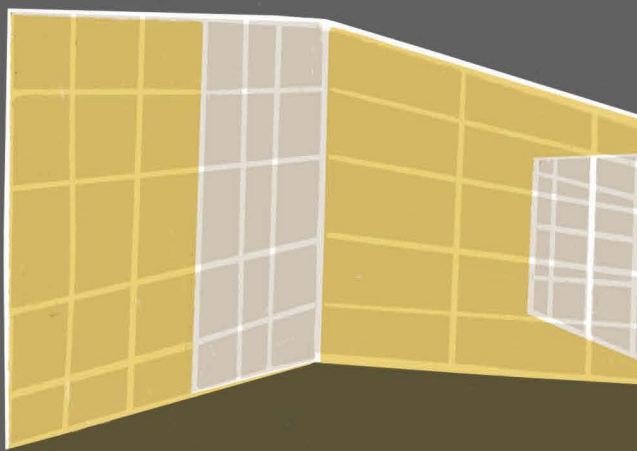
In his work entitled *How do we live together?* Eliasson has used a reflecting surface to transform the ceiling of the room into a space in which visitors are turned upside down and find themselves defying the force of gravity and the world as they know it.

In the course of history, numerous artists have turned their hand to painting mirrors in an effort to show off their skill or to recreate mesmerizing optical effects.

Is there a  
"right" way  
of looking  
at the world?

Using a light or simply a reflection, Eliasson intervenes on the characteristics of a space to alter the way people perceive it. These particular visual effects are created with the kind of spotlights and coloured filters commonly used in the theatre or in the cinema.

The exhibit entitled *Triple window* is the product of three spotlights projecting geometrical shapes of different sizes and with a differing degree of intensity. The three superimposed shapes are obtained thanks to the goboes (light-shaping templates) that Eliasson uses to create the deception of a space flooded with light imitating a window.

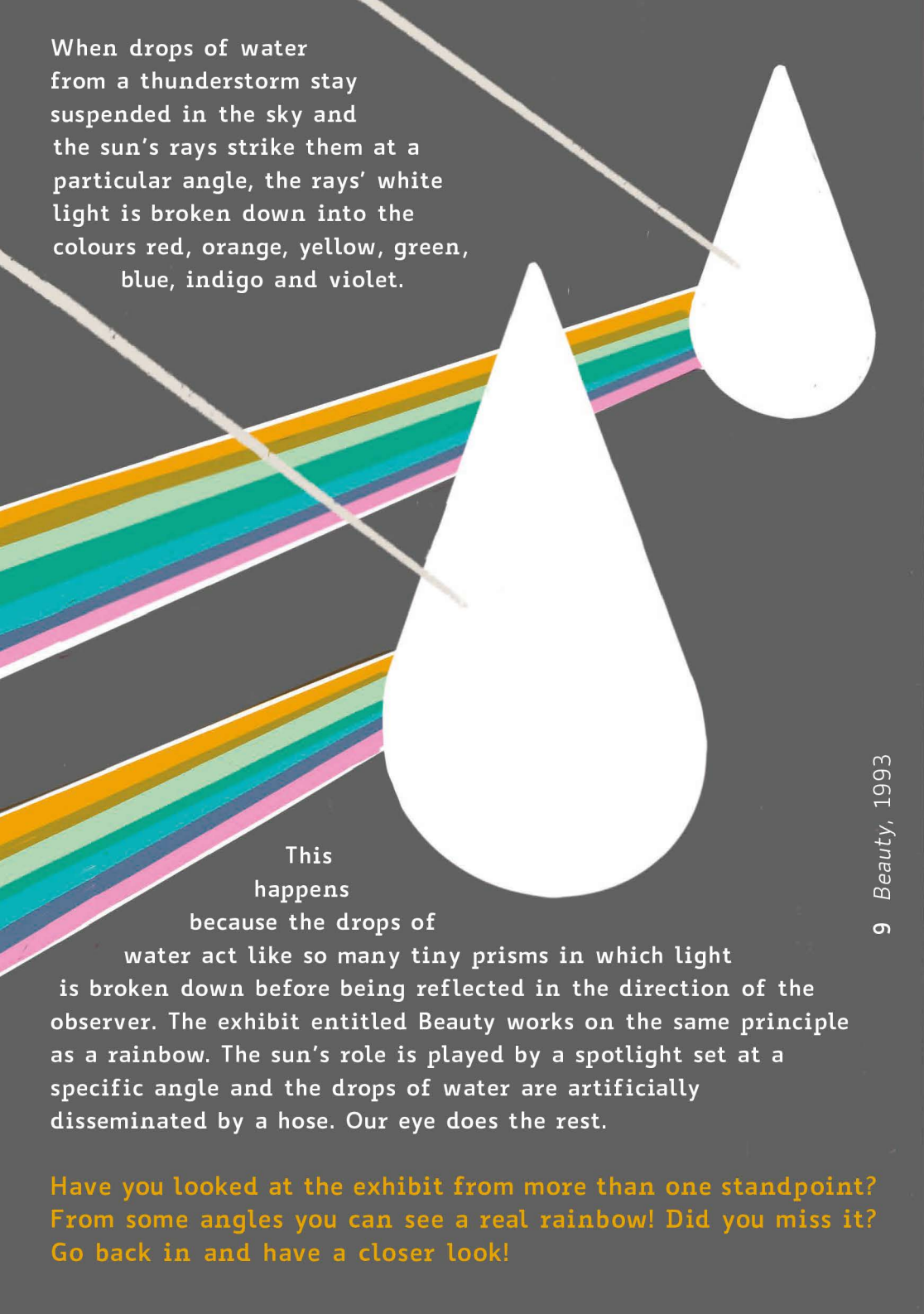


8 *Triple window, 2019*

When you get home, take a table lamp, a piece of cardboard and some scissors. Cut geometrical voids into the centre of the cardboard and use it like a gobo to direct and modify your light source.

>> The next room is in semi-darkness.

Read the next panel after immersing yourself in the exhibit.

A diagram on a dark grey background illustrating light refraction. Two white teardrop-shaped water droplets are shown. From the top left, two parallel white lines representing light rays enter the scene. The lower ray passes through the larger, front droplet and is refracted into a spectrum of colors (red, orange, yellow, green, blue, indigo, violet). The upper ray passes through the smaller, back droplet and is also refracted into a spectrum of colors. The text explains that this happens because water droplets act like tiny prisms.

When drops of water  
from a thunderstorm stay  
suspended in the sky and  
the sun's rays strike them at a  
particular angle, the rays' white  
light is broken down into the  
colours red, orange, yellow, green,  
blue, indigo and violet.

This  
happens  
because the drops of  
water act like so many tiny prisms in which light  
is broken down before being reflected in the direction of the  
observer. The exhibit entitled Beauty works on the same principle  
as a rainbow. The sun's role is played by a spotlight set at a  
specific angle and the drops of water are artificially  
disseminated by a hose. Our eye does the rest.

Have you looked at the exhibit from more than one standpoint?  
From some angles you can see a real rainbow! Did you miss it?  
Go back in and have a closer look!

One of Eliasson's experiments with optical effects and reflecting surfaces is a series of sculptures collectively named Kaleidoscope. The word comes from the Greek *kalós* meaning beautiful, *eidos* meaning shape or form, and *skopéin* meaning to look. The first kaleidoscope "for looking at beautiful shapes" was devised by a Scottish physicist named David Brewster circa 1815.

Eliasson's large hexagonal kaleidoscope amplifies the effect of the symmetrical multiplication of images generated by a play of angled mirrors, to which he adds the colours of the visible spectrum of light.

Reflect yourself on the inside and take a photo! Your camera will record a whole bunch of reflections that your eye fails to perceive!



Our brain influences the way we see the world and colours. As light varies continuously, our brain intervenes on our perception of colours so that the relationship between the different shades remains constant. This phenomenon is known as "colour constancy" and occurs independently of our will!



Eliasson has created an empty room entitled *Room for one colour* lit up solely by yellow monofrequency lamps. This light is so strongly coloured that our brain isn't capable of correctly processing colours, which is why everything looks either yellow, grey or black.

Immersed in this environment, our brain tries to figure out what's white but it gets confused. Look at the clothes the other visitors in the room are wearing. Can you work out what colour they are?



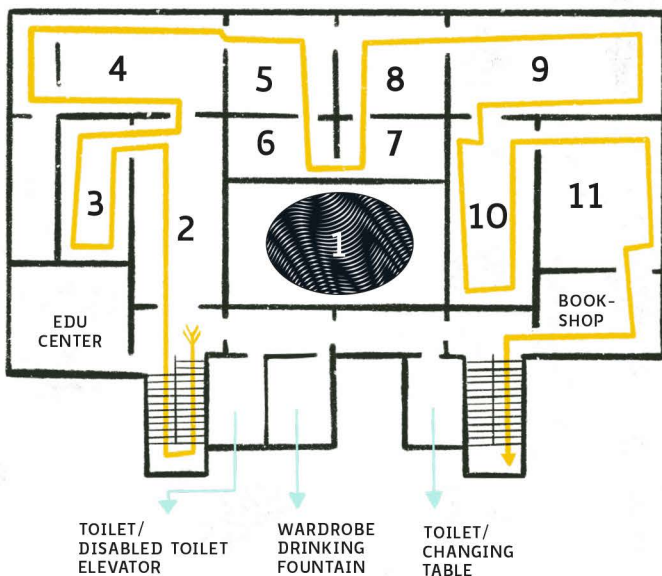
For the courtyard of Palazzo Strozzi Eliasson has produced *Under the weather*, a work of art comprising an elliptical structure suspended in mid-air with numerous strips of recycled plastic arranged in a regular sequence to form a kind of lattice. The superimposition of two similar yet not identical lattices generate a specific optical effect known as moiré.

If we look at the exhibit while standing still, we see a static image. But if we move around, we start seeing a flicker that follows us as we move. The work appears to vibrate, but actually it's still: it is our perception that triggers the visual phenomenon.

**Just think, every other person in the courtyard at this moment is seeing a very different exhibit from the one you can see.**

>>> The exhibition continues in the Strozzina where you can experience the moiré effect using special virtual reality visors.

Use the map to find your way around the exhibition rooms. When you've finished touring the exhibition on the first floor of the Palazzo, go down to Palazzo Strozzi's underground space known as the Strozzina to see the rest of the show.



The Teenager Kit is a tool for exploring the Olafur Eliasson: Nel tuo tempo exhibition with suggestions for teenage visitors to immerse themselves in the atmosphere of the exhibits. The Kit is one of the Fondazione Palazzo Strozzi's initiatives designed to encourage participation on the part of visitors of all ages and to stimulate their interest in art of every kind.

The Teen Ager Kit  
is a Fondazione Palazzo Strozzi project  
Illustrations and graphic design by Simone Spellucci  
Easy Read Font biancoenero®