



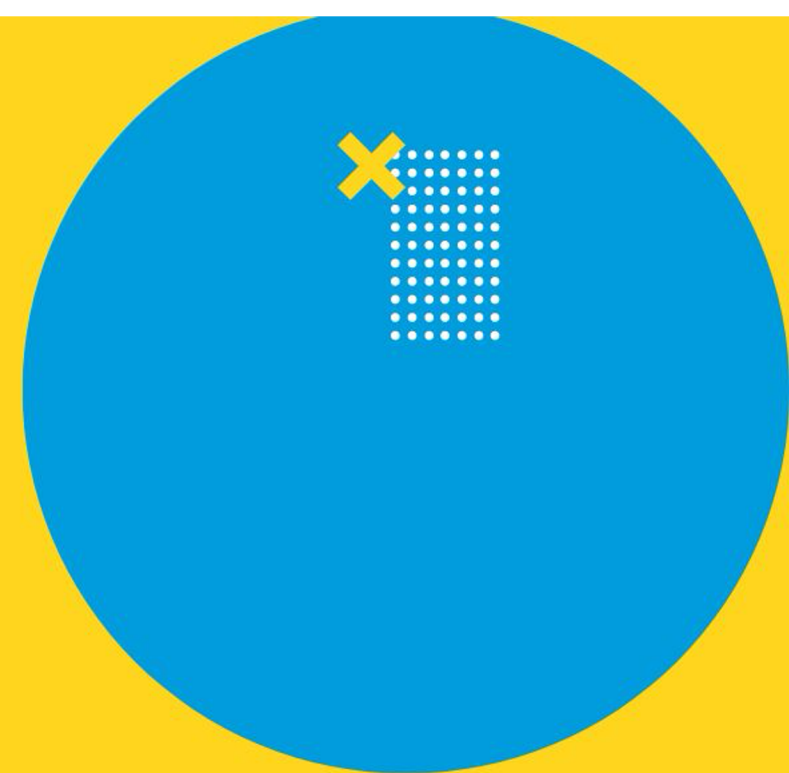
BRÜCKENBAU

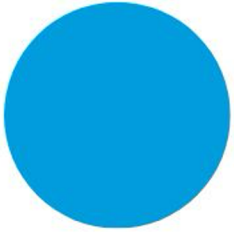
MISSION:STEAM

A guide for ethnic minorities in STEAM



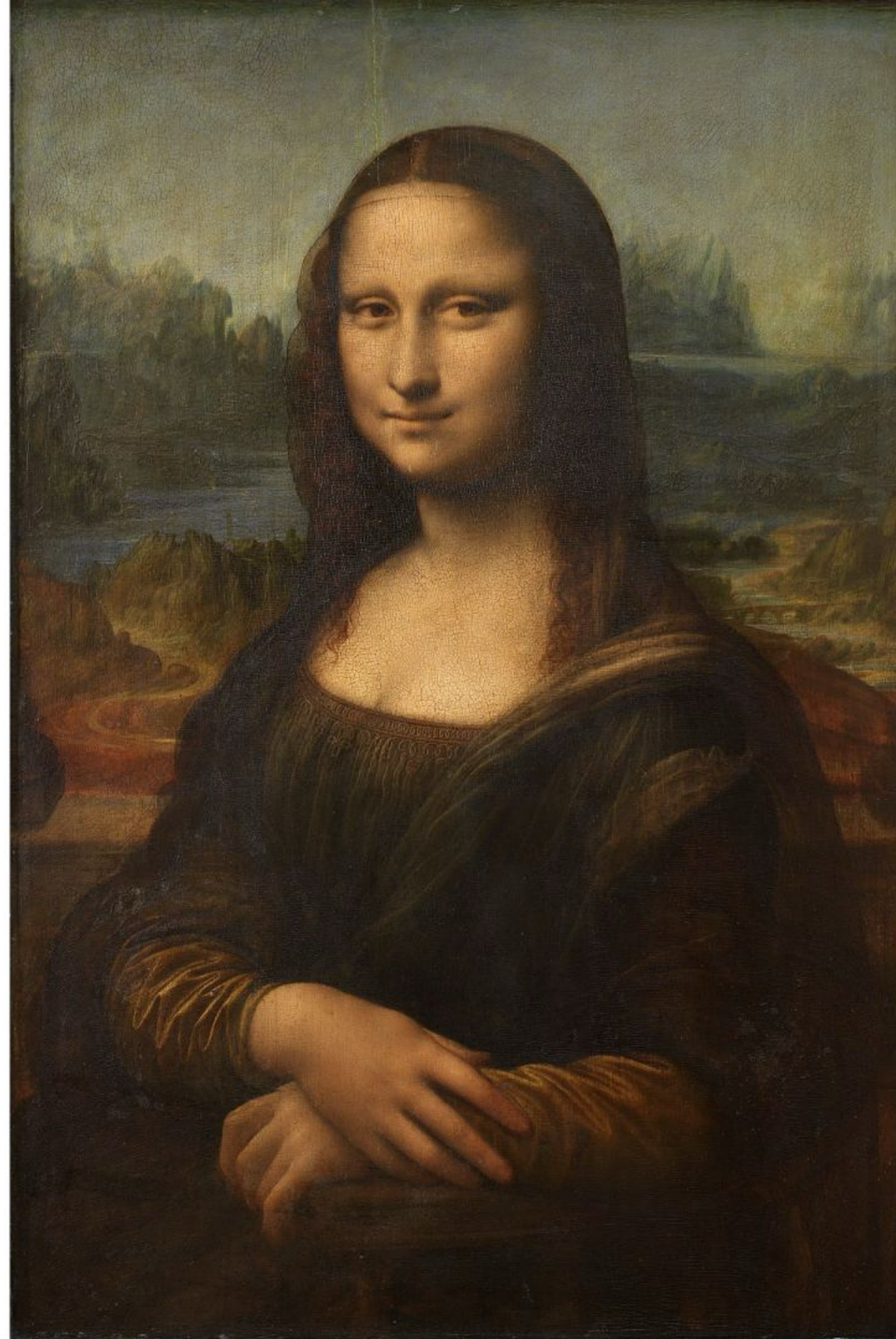
Co-funded by
the European Union

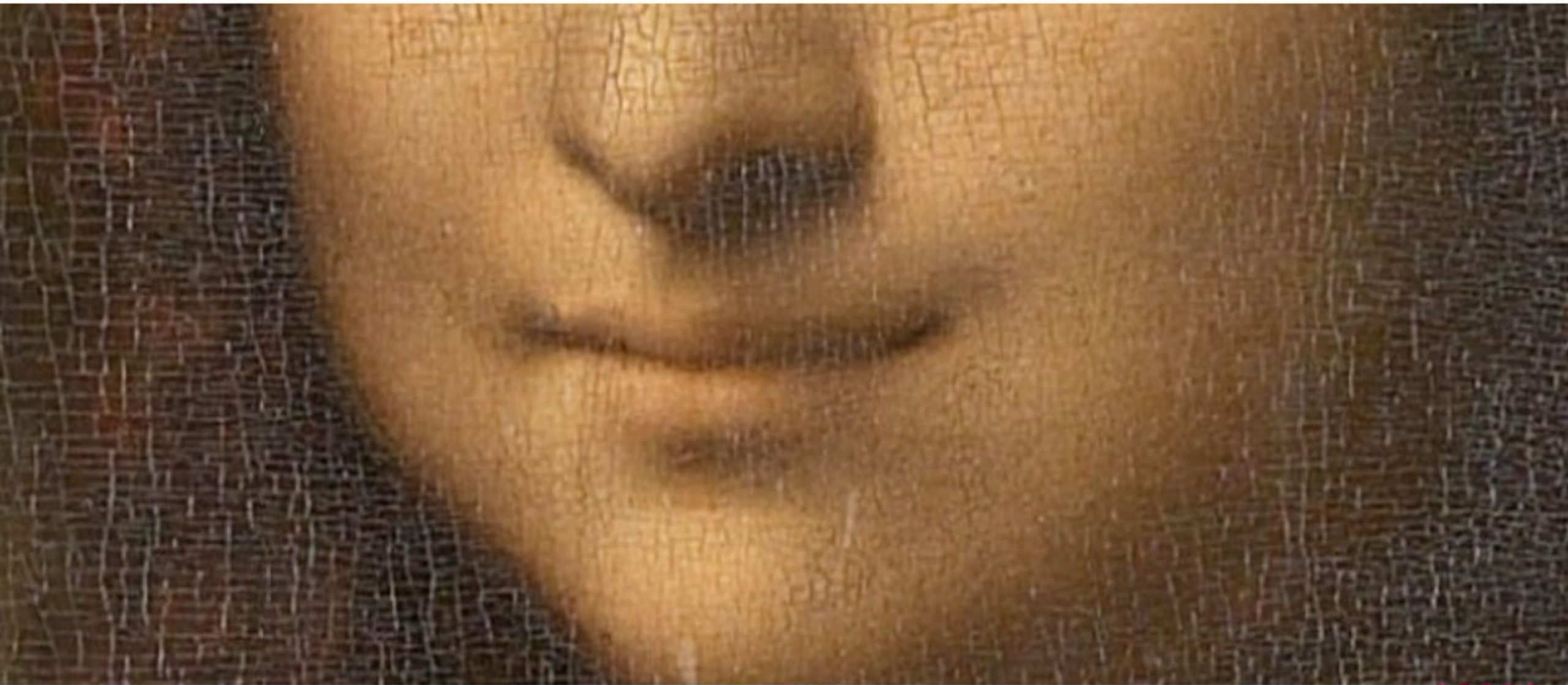


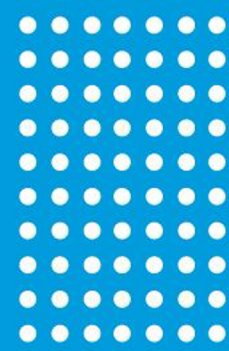
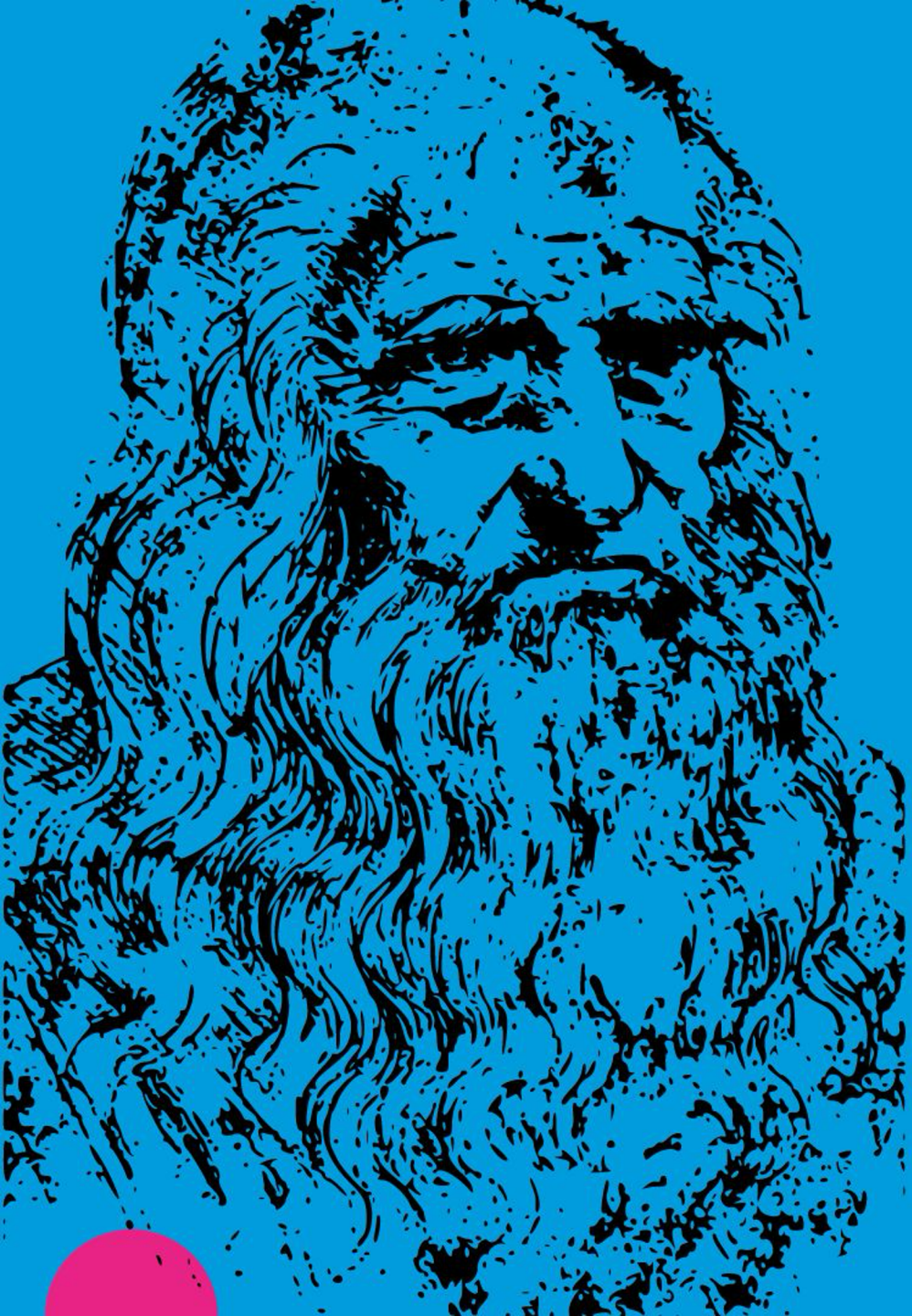


**Erkennen Sie
dieses Gemälde?**

**Džokonda / Mona
Liza**



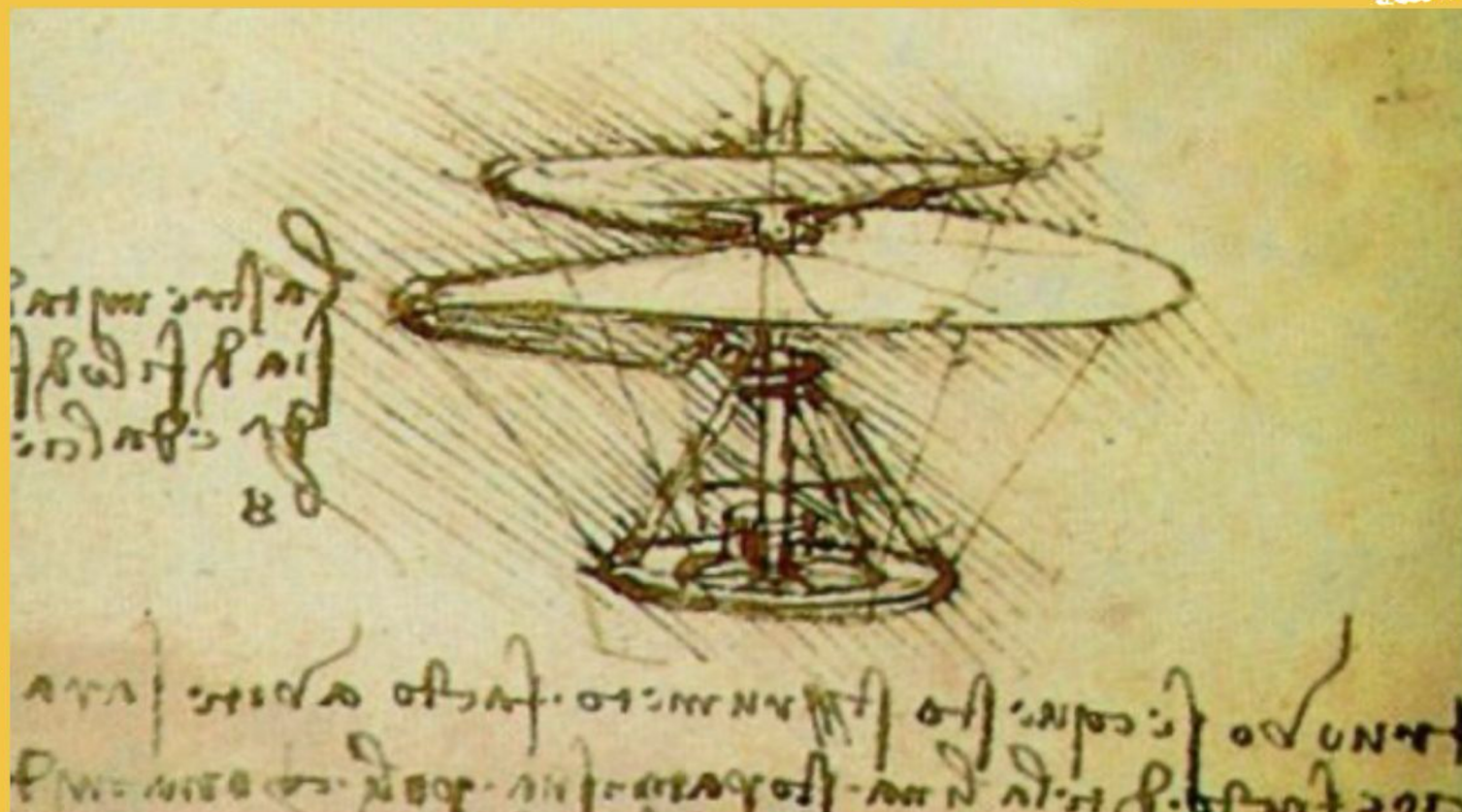




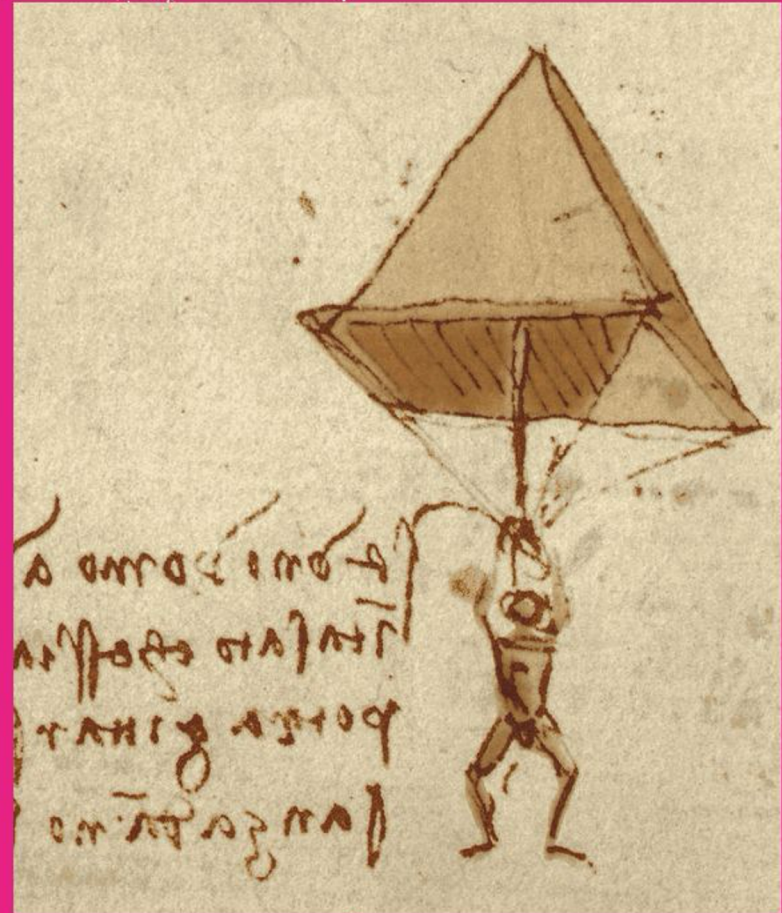
Leonardo Da Vinci



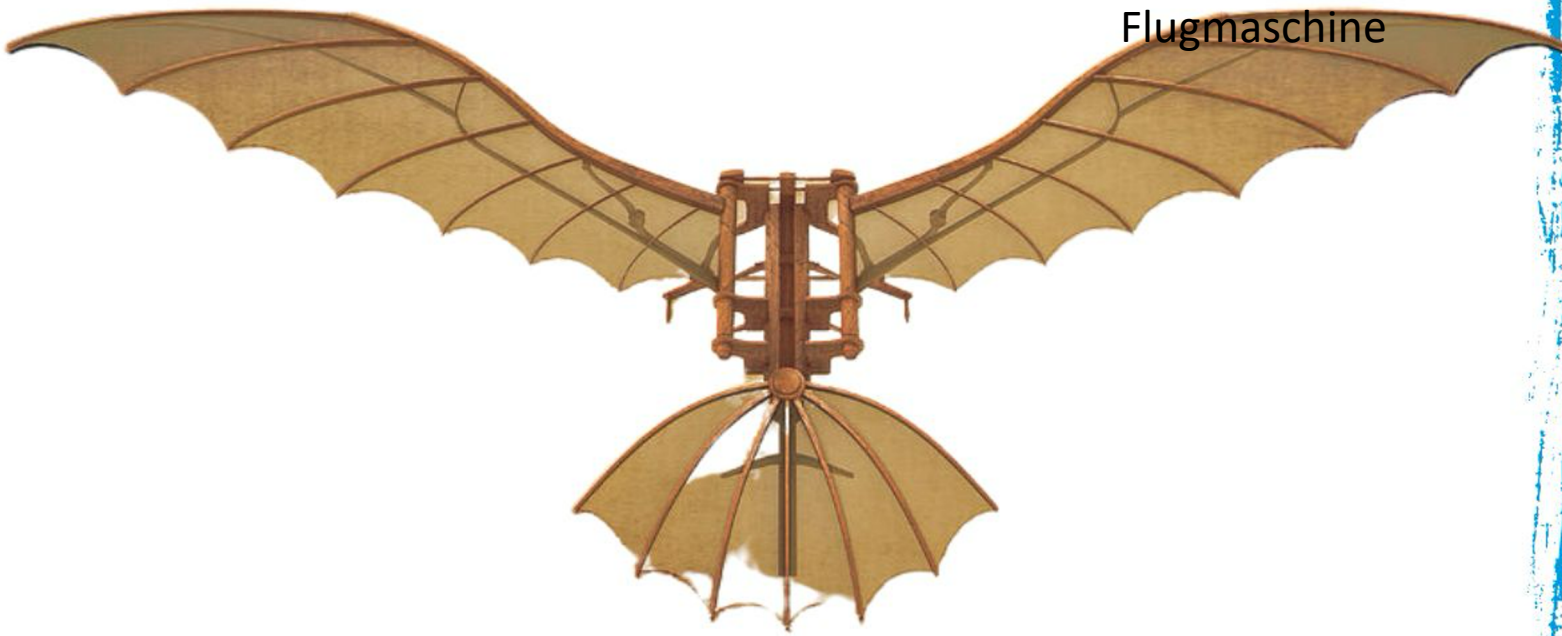
Hubschrauber



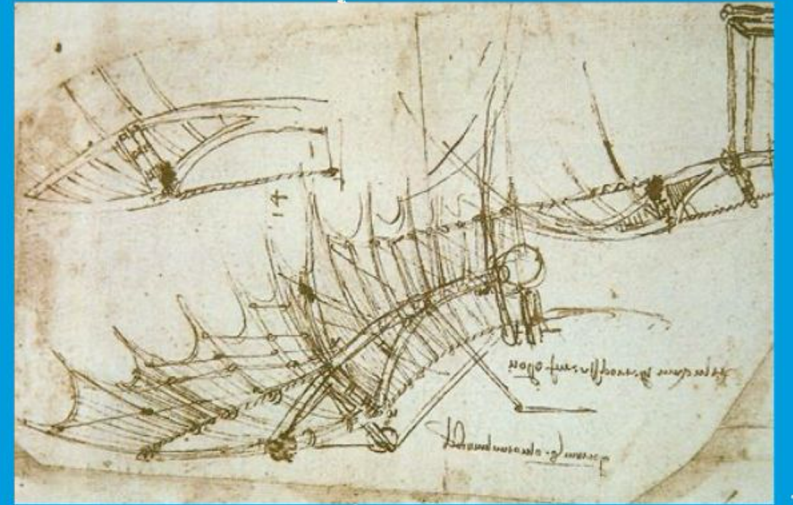
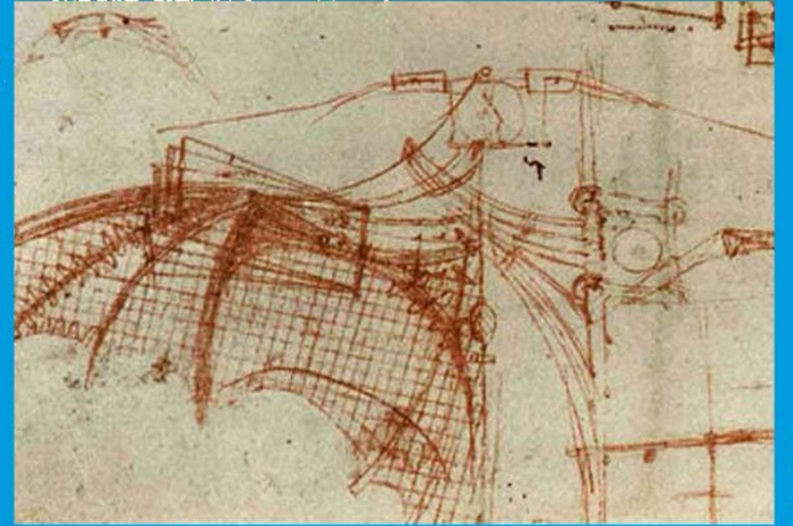
Fallschirm



Flugmaschine



Flugmaschine



Leonardo's Inventions

These models of Leonardo's inventions were based on the artist's drawings. Most of them can be seen in the Museo della Scienza e della Tecnica, in Milan, Italy.

"Those who are obsessed with practice, but have no science, are like a pilot out with no tiller or compass...."

—LEONARDO DA VINCI



Model of Flying Man

Leonardo studied the flight of birds in order to try to get man off the ground in a man-powered flying machine. Of course, the machine failed to achieve its purpose.

Dredger

This dredger was designed to help maintain and clean canals.



Spring-driven Car

Leonardo recognized the potential usefulness of springs in this car design.



Battleship

Leonardo intended the ship's scorpionlike spike to slice into an enemy ship, with the help of the oarsmen.



Printing Press

Leonardo tried to improve upon Gutenberg's printing press by making it potentially possible for one man to operate it.



Parachute

Leonardo made a sketch for a parachute 300 years before the first successful jump, in 1797.

Military Tank

Soldiers battled on horseback in Leonardo's time. This tank forshadowed 20th-century warfare.



Paddleboat

The use of paddlewheels makes a boat both powerful and efficient.



Helicopter

Leonardo made a sketch for a helicopter, an early predictor of what was to come.



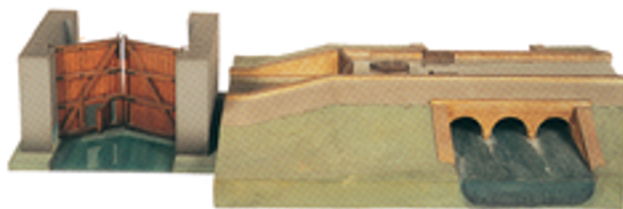
Mirror Grinder

This machine, for grinding concave mirrors, was to be used in the study of the human eye.



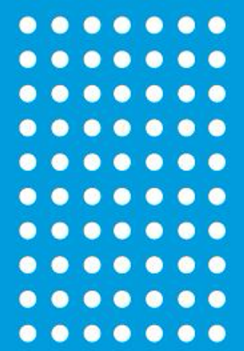
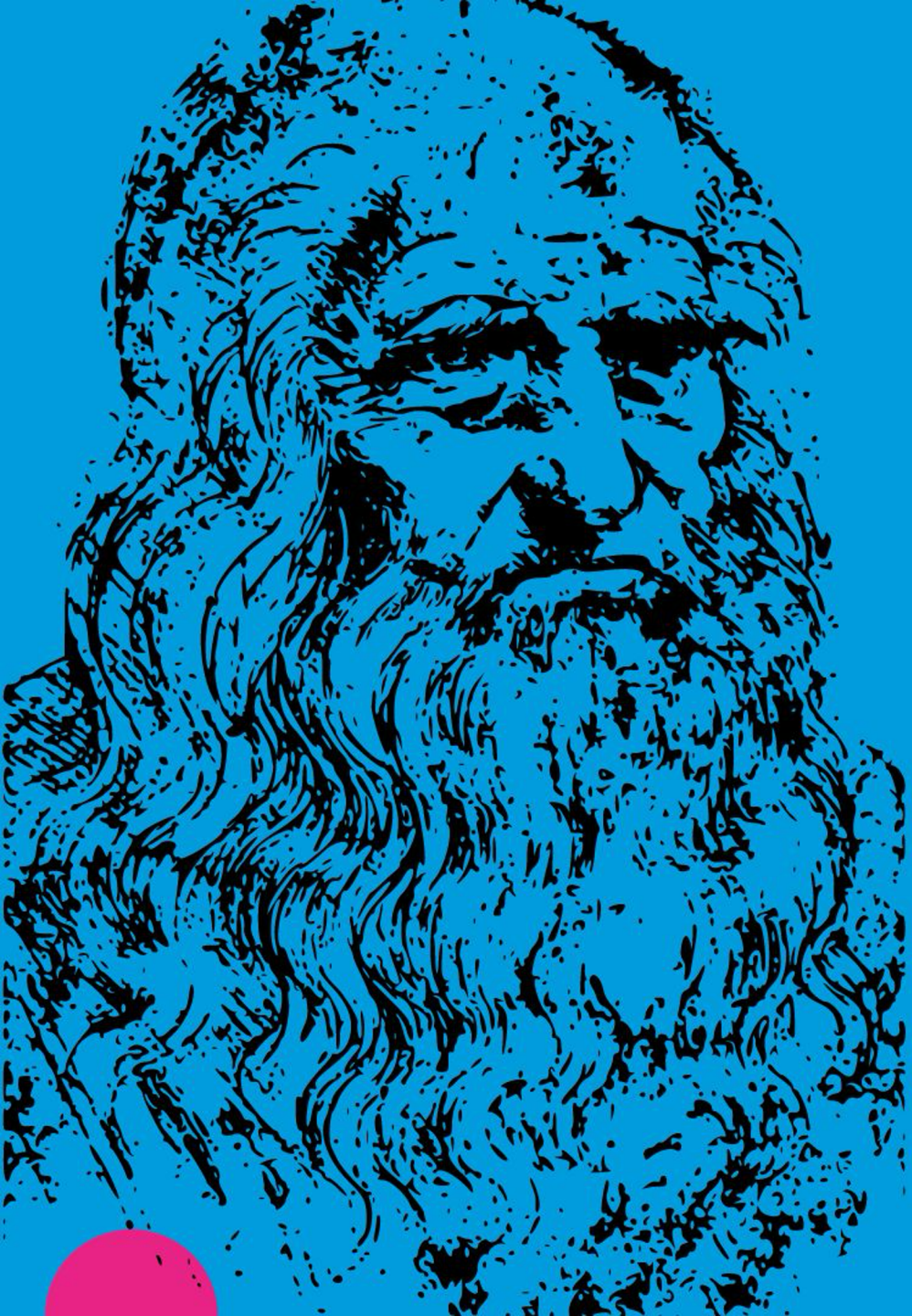
Digging Machine

This machine used a metal claw to remove soil in the digging of ditches.



Bridge Canal

This bridge canal, with a water overpass, allows water to flow in different directions.



**Kehren wir zu
Leonard zurück**



14

52



Vin

ci



KIDS

friends

hello

PLAY

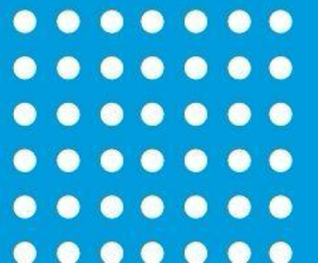
ZYOT

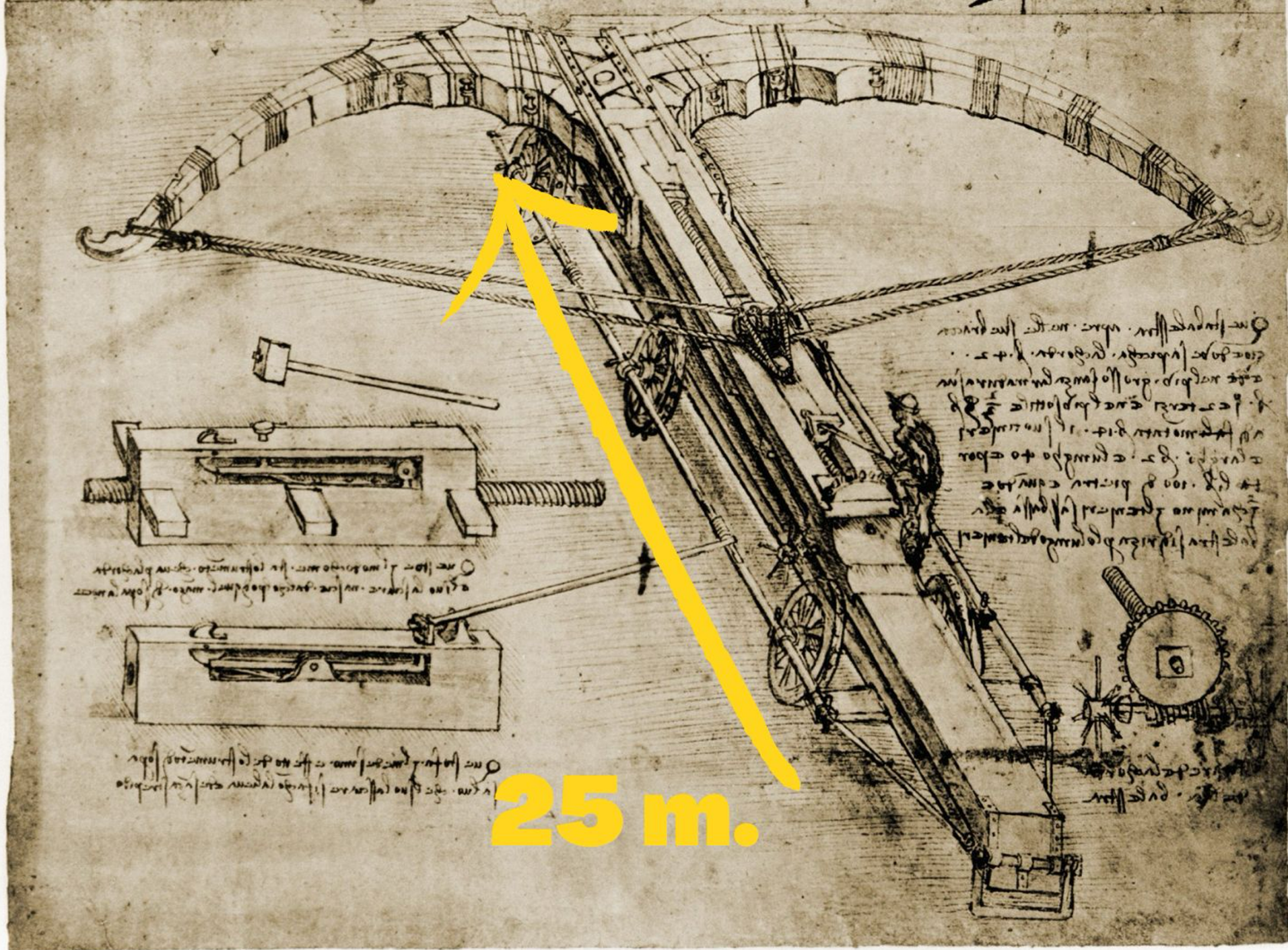
**Leonardo hat nie aufgehört,
drei Dinge zu tun:**

Forschen

Malen

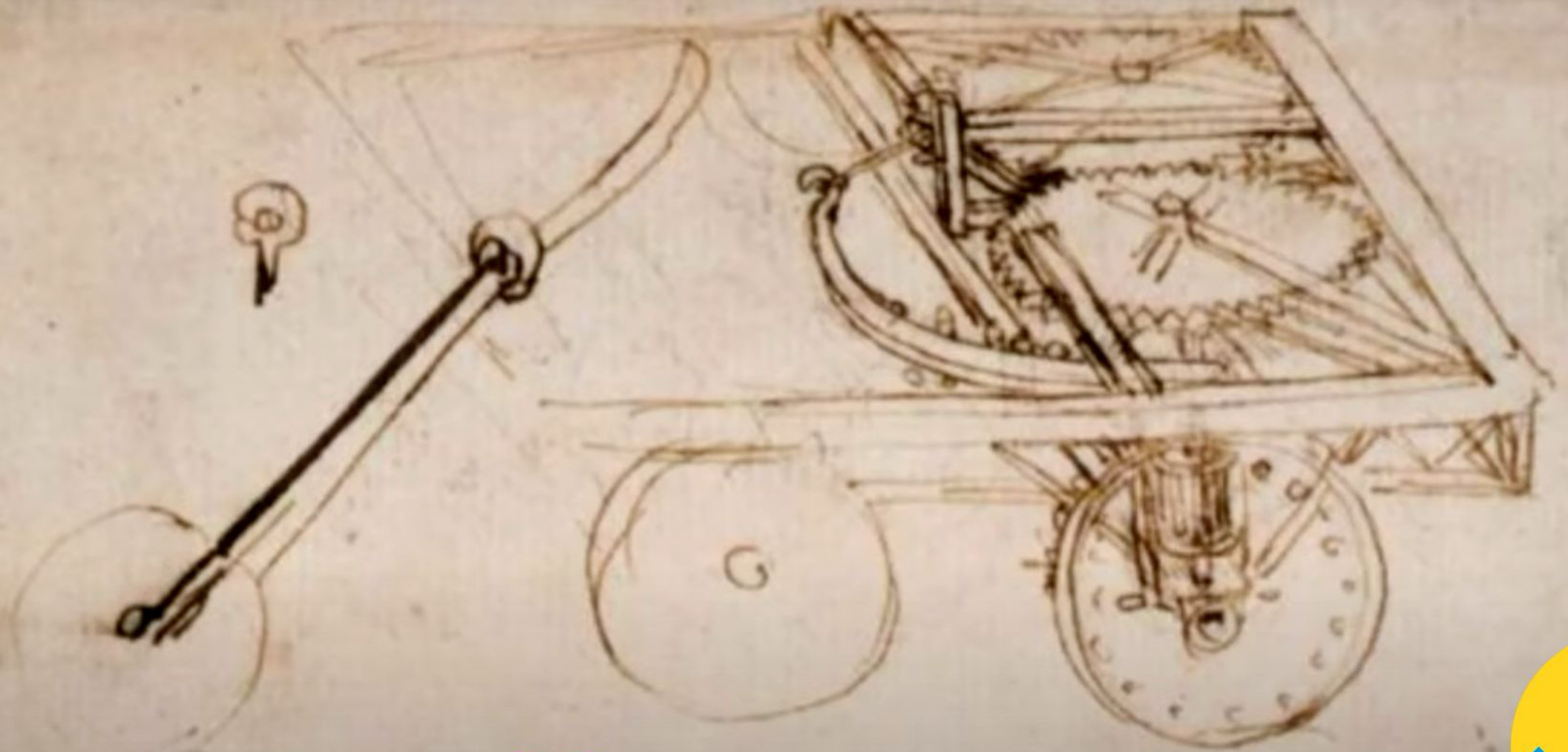
Studieren





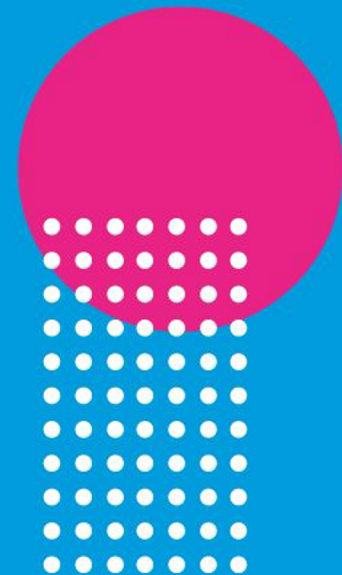
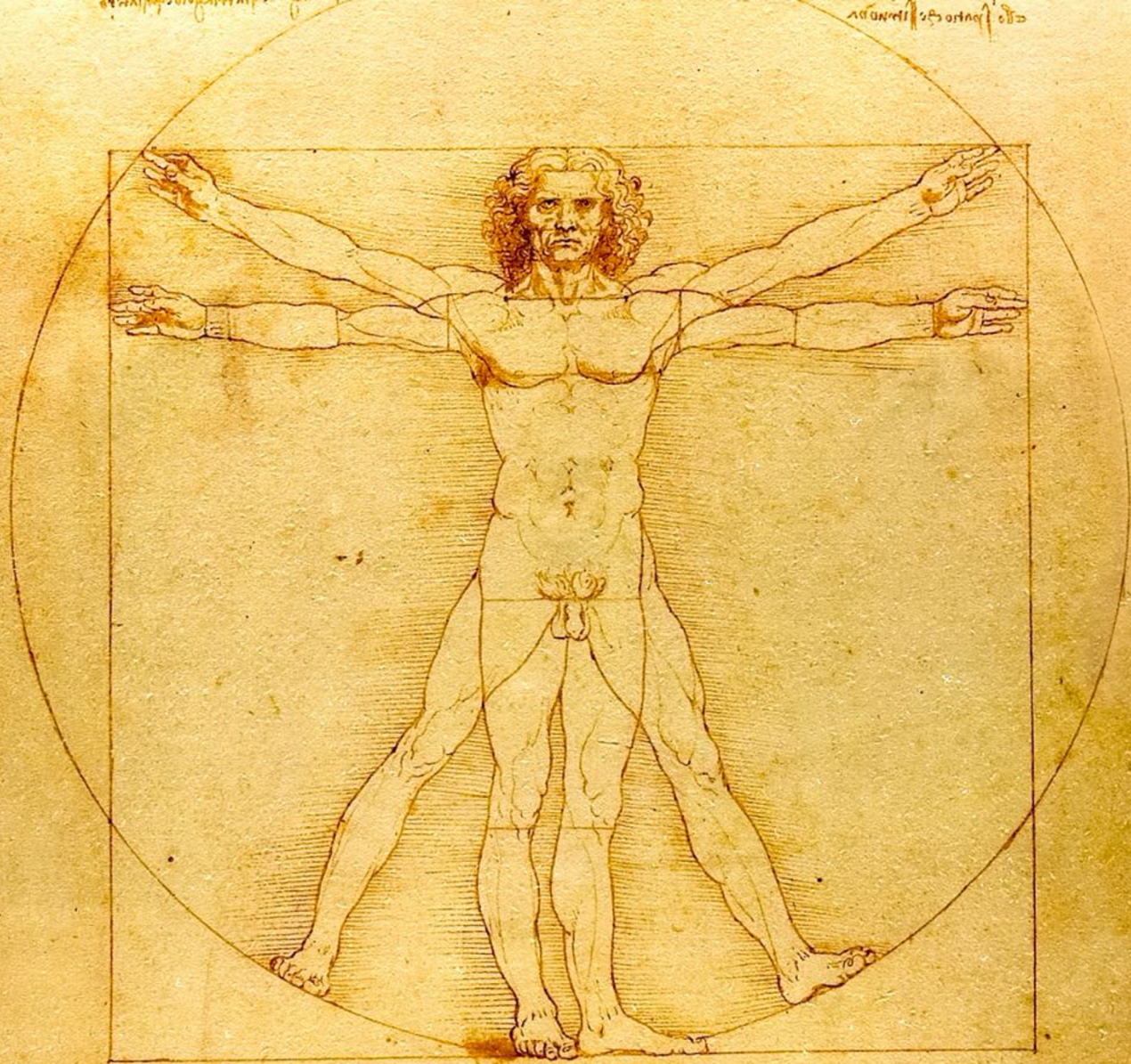
25 m.





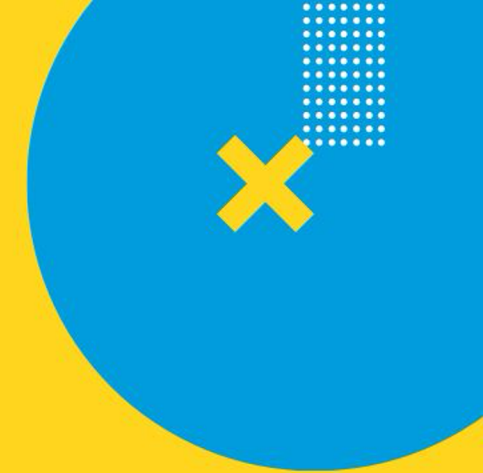
Automobilis







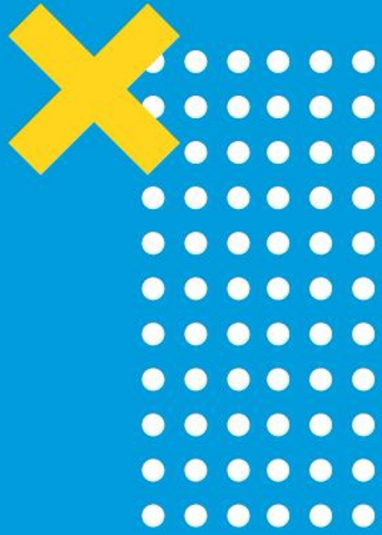
Mission



Aufgabe 1



Jetzt werden wir
gemeinsam eine
sich selbst
tragende Struktur
aufbauen



Wir werden uns
an speziellen
Konstruktionen
orientieren, die
uns den Bau
der Da-Vinci-
Brücke
ermöglichen

