



# 3D Art

Emanuele Micheli - Davide Canepa, Scuola di Robotica



# Agenda

- What is 3d Art
- 3d Art to change the way to understand arts
- Photogrammetry
- How to do
- Print it!



3d- Art: start  
from a real  
museum  
and bring to  
you the art!



# Museum

- In this slide you have to put an example coming from your closer museum.
- Choose some works to represent in different ways
- Photogrammetry
- Import to 3d printer software
- Print it!
- Use with your student, with visual impair people
- Show at school with an exhibit



# Step by Step

1. Go to a Museum
2. Choose a Sculpture
3. Photogrammetry
4. Draw the sculpture in 2d (traditional way)
5. Import the 3d model
6. Print It
7. Use with visual impair people



# Go to the museum







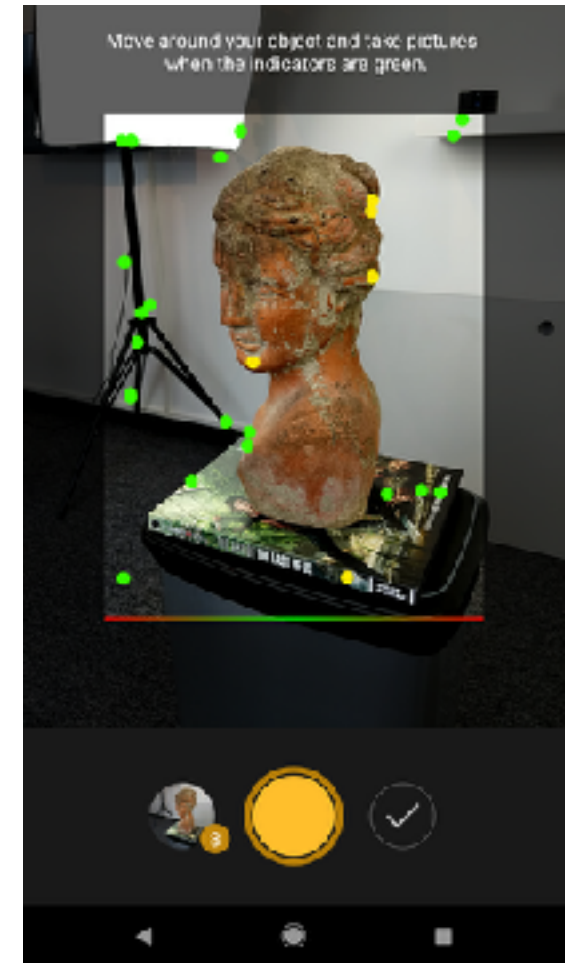
# Choose a Sculpture and draw it!





# Photogrammetry

The picture come from the app SCANN3D for Adroid,  
But there are several apps for Android or iOs to do that operation!  
The operation is easy, but needs a lot of precisione and quietness.







# Import and print it!





# Touch it!





# Visual impair People

- Create a Role Play Game where students learn how to recognize object without eyes
  - \_ touch all sculpture and learn to recognize it
- Follow the video resource: <https://www.youtube.com/watch?v=Chr2oyo1TOU>





# Brainstorming on visual impair problems