

Level: You gotta be kidding me!

# Make this face - Interactive art



*"The MFA is one of the most comprehensive art museums in the world; the collection encompasses nearly 450,000 works of art. We welcome more than one million visitors each year to experience art from ancient Egyptian to contemporary, special exhibitions, and innovative educational programs."*

The Managing Director of the [Museum of Fine Arts](#) in Boston has come up with a concept for an interactive display stand they would like to have developed. Watching her grandchildren reacting to the museum's paintings and mimicking the back at the paintings, she came up with the idea to encourage this behaviour and make it into an opportunity to think about the changes in the human expression during the history of arts.

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## Tasks

- Use browser camera to take pictures and show them on screen
- Gather images of art and cut out the faces to prepare them for use in this system.
- Display a random image of an art face and show the camera snap next to it
- Show the latest 4 people's faces and their corresponding art faces
- Optimize for touch displays
- [Optional] Make a Facebook share option

Hint: use a javascript library to handle the camera, like <https://github.com/jhuckaby/webcamjs> or [https://github.com/amw/jpeg\\_camera](https://github.com/amw/jpeg_camera)