

4

“ Drawing musical partition
for your IA friend ”

Pitch

For my Caran d' Ache project, I've chosen to focus on the relationship between sound and drawing, utilizing body movement as the primary drawing tool. The robot would bring together the joy of drawing and the magic of generative music. It is aiming to create a discussion and collaboration between you and the robot, resulting in the creation of a unique drawing and a sound composition.

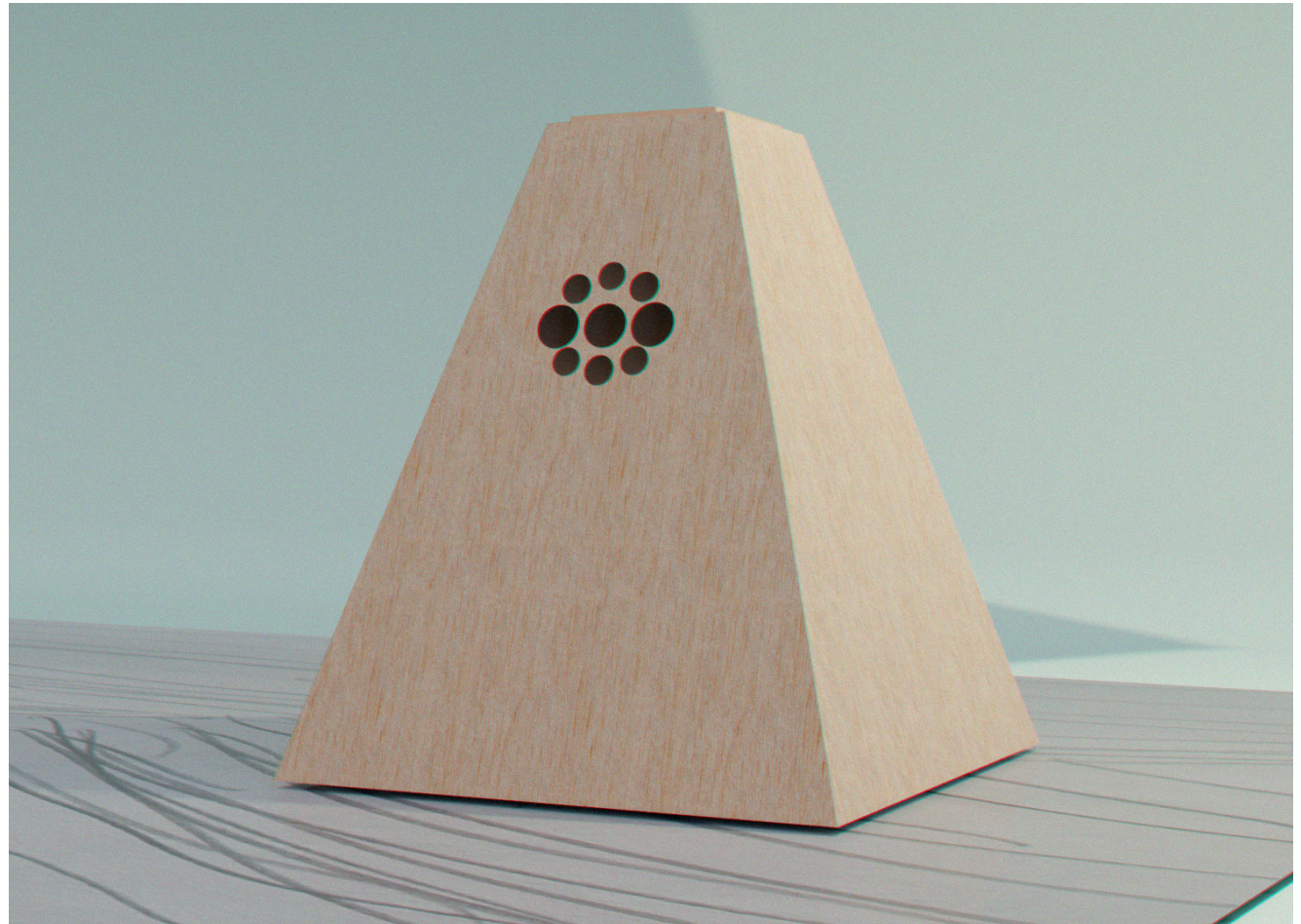
The robot would be designed for people of all ages, for art enthusiasts but also could be useful to musicians and illustrators.

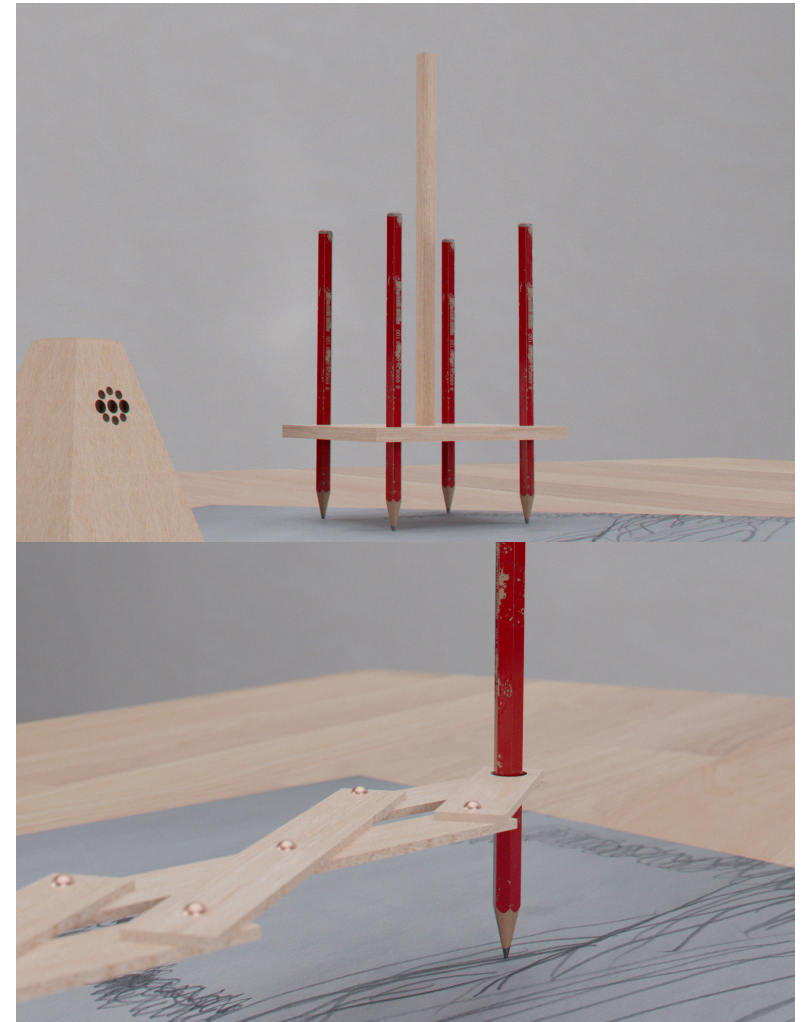
It would have a four-axis rolling mechanism granting it freedom of movement on the surface he's rolling on.

Creating line with the given tools would grant the robot a musical partition that he will be reading to create sounds.

The AI is here to introduce different random behaviours to the robot. These would give it some freedom to make its own movement decisions or even compose its own music and make it act like an art collaborator.

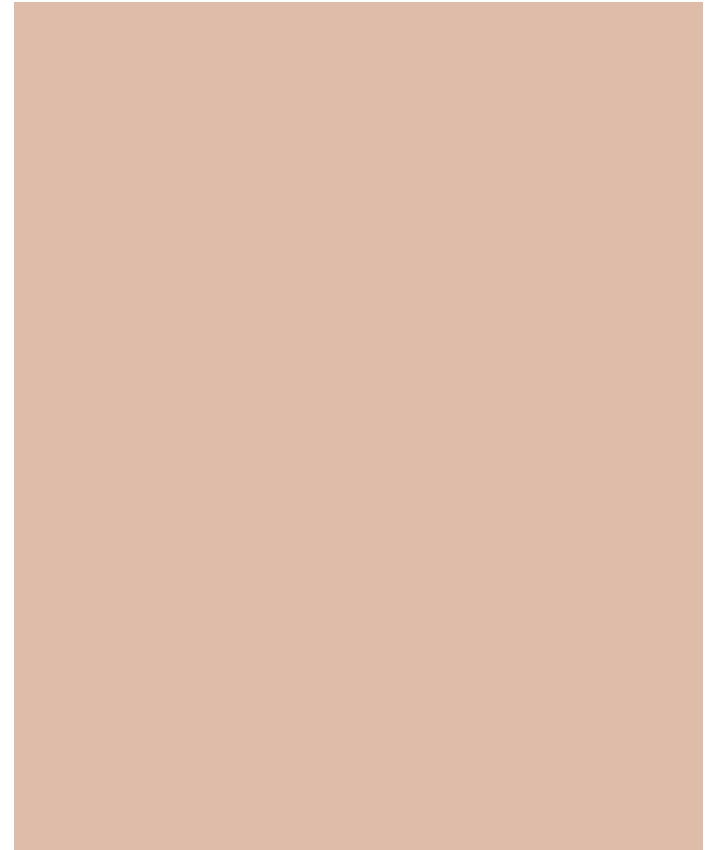
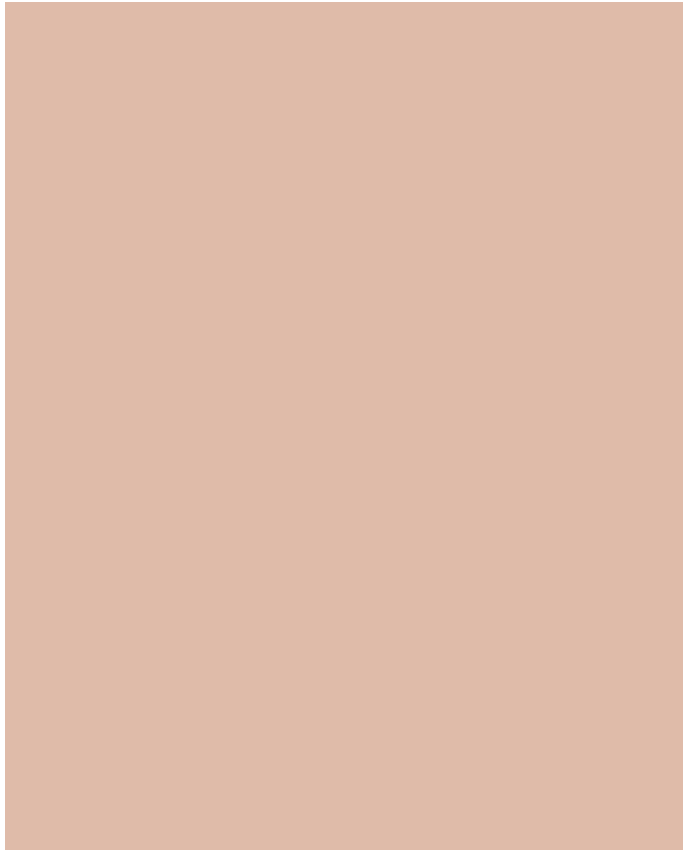
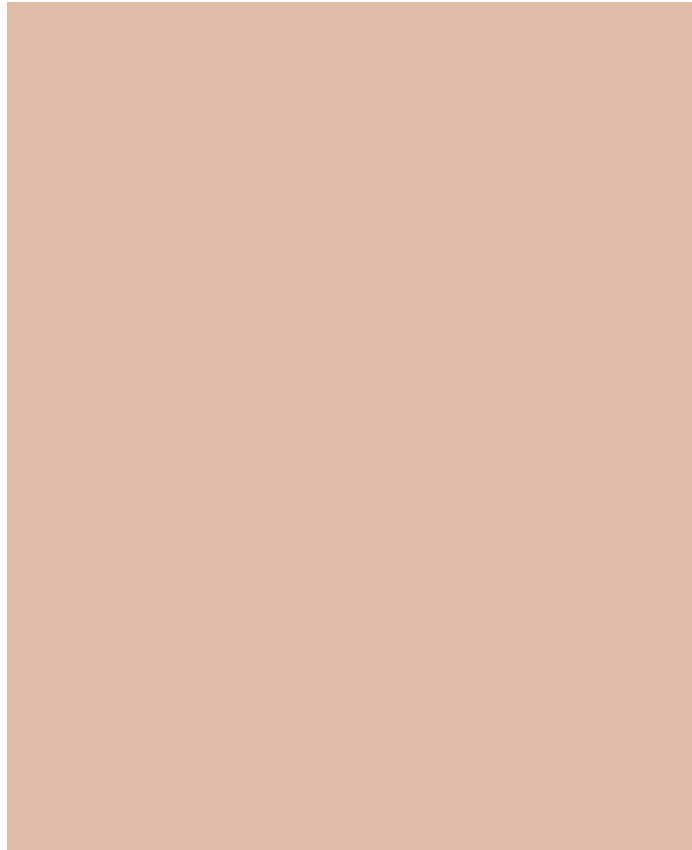
I aim for the project to be exposed in a gallery, but it would require some space to make it work depending on the solution I choose. That is why, it could also integrate to any space that encourages free and expressive body movement. The drawing robot would adapt to your environment, turning your rooms into a musical canvas for your imagination.





User Journey or Scenario

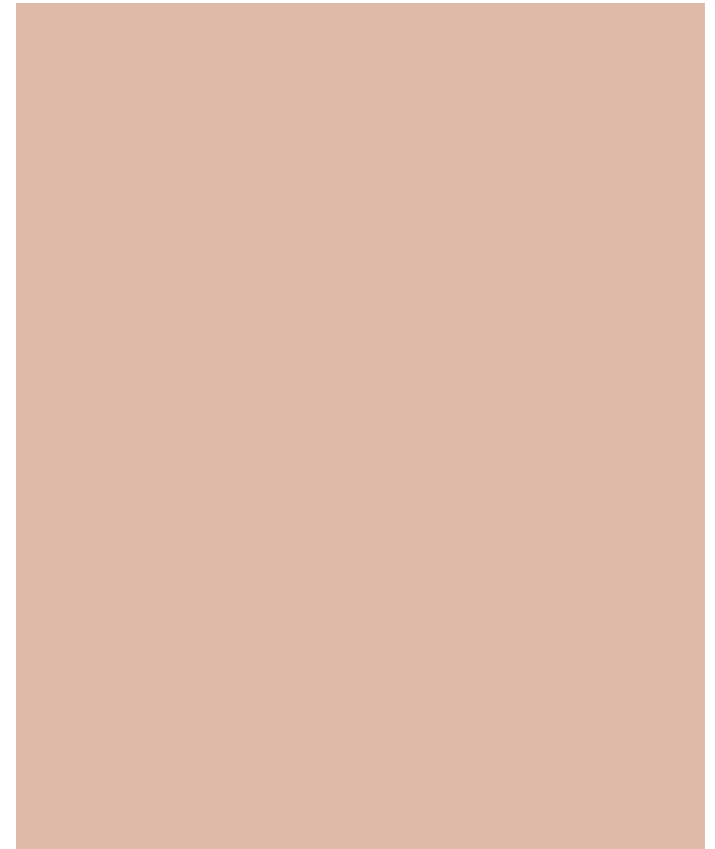
- Use one or many of the drawing tools to draw a composition.
- Start up the robot by placing it on your paper sheet and pressing the button on top.
- Listen to your creation.



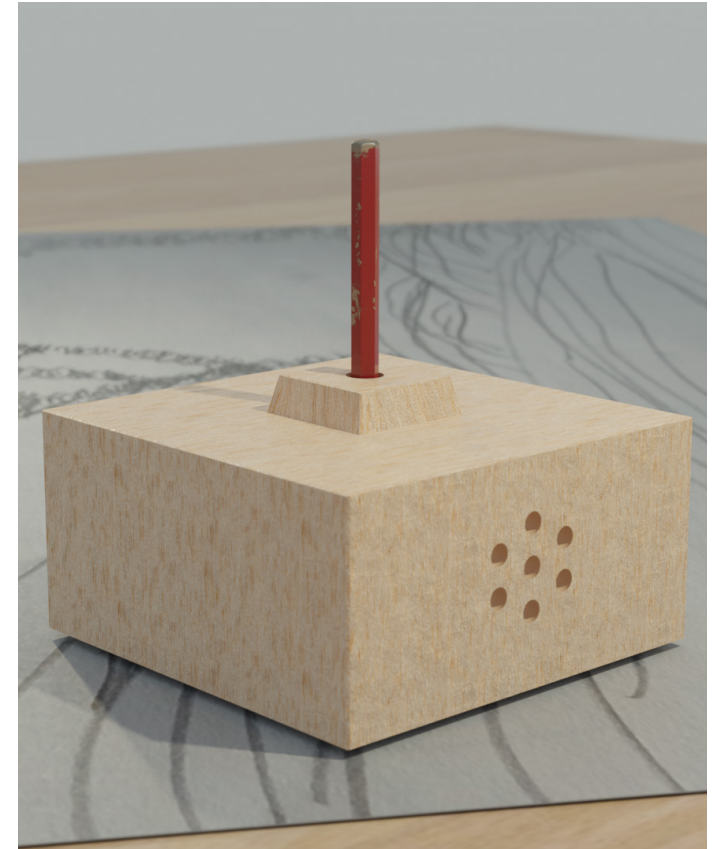
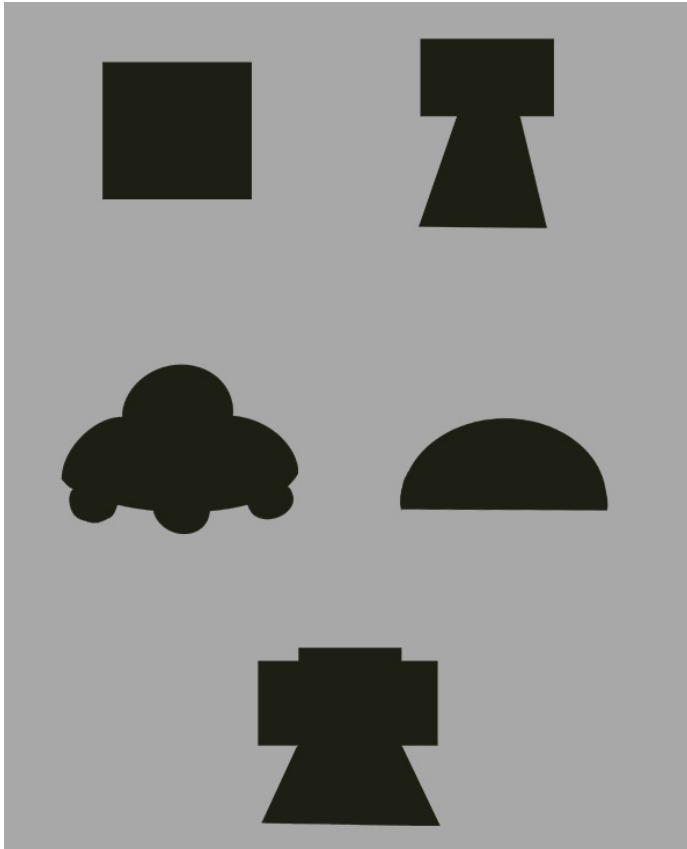
Field observations & Key Insights

(what are you basing your project on? Don't just show other artists references, we want to see you own field reisearch)

Beetroot water spinach okra water chestnut ricebean pea
catsear courgette summer purslane. Water spinach arugula
pea tatsoi aubergine spring onion bush tomato kale radicchio
turnip chicory salsify pea sprouts fava bean. Dandelion
zucchini burdock yarrow chickpea dandelion sorrel courgette
turnip greens tigernut soybean radish artichoke wattle seed
endive groundnut broccoli arugula.



Shape research & development



Visual and Material Moodboard

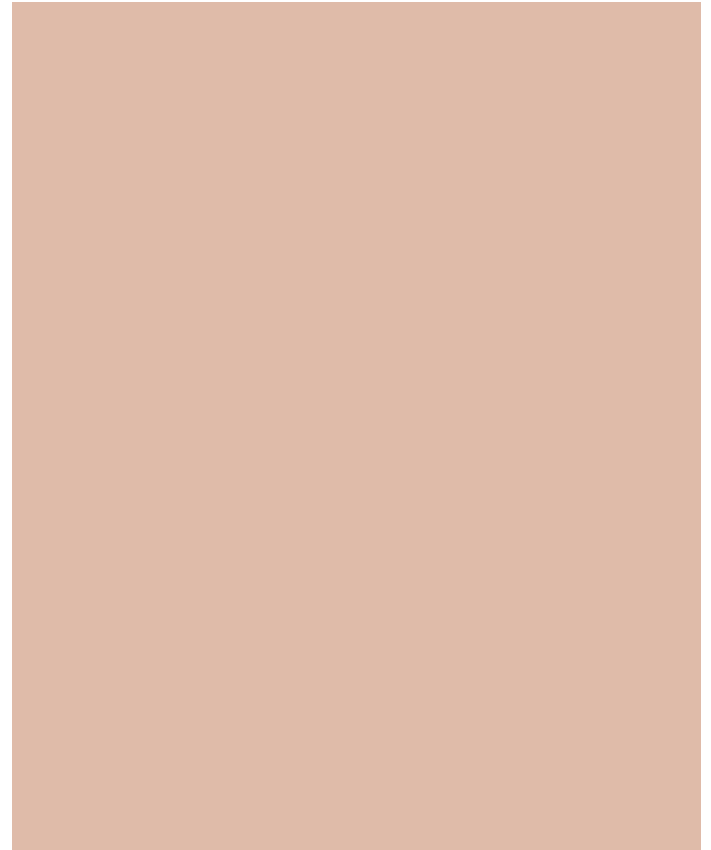
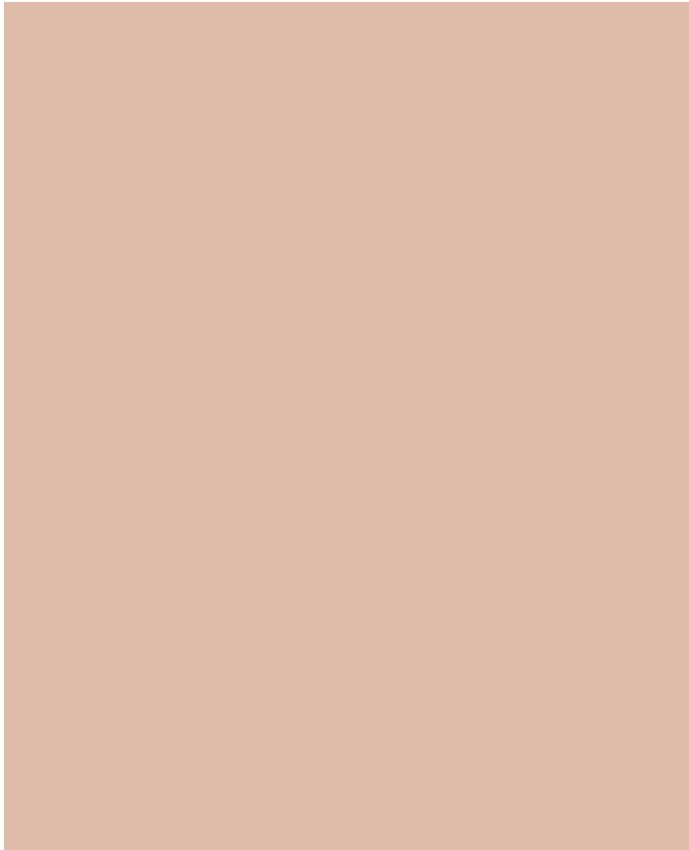
(reference images supporting your projects. it is not the idea to show the competition but to visually complete what is missing and you are not showing or able to share through your sketches and paper prototypes. This is to support the imagery you shall be making later)



Paper Prototypes

Your paper prototypes showing your design explorations. The focus should be on exploring possible interactions via multiple user tests. So don't just show one prototype. More is better.

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User Tests

Pictures and/or videos of the user tests of your prototypes

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