



Foundation 3D

Grenas Installation

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G5 / Group F

Overview Of Installation

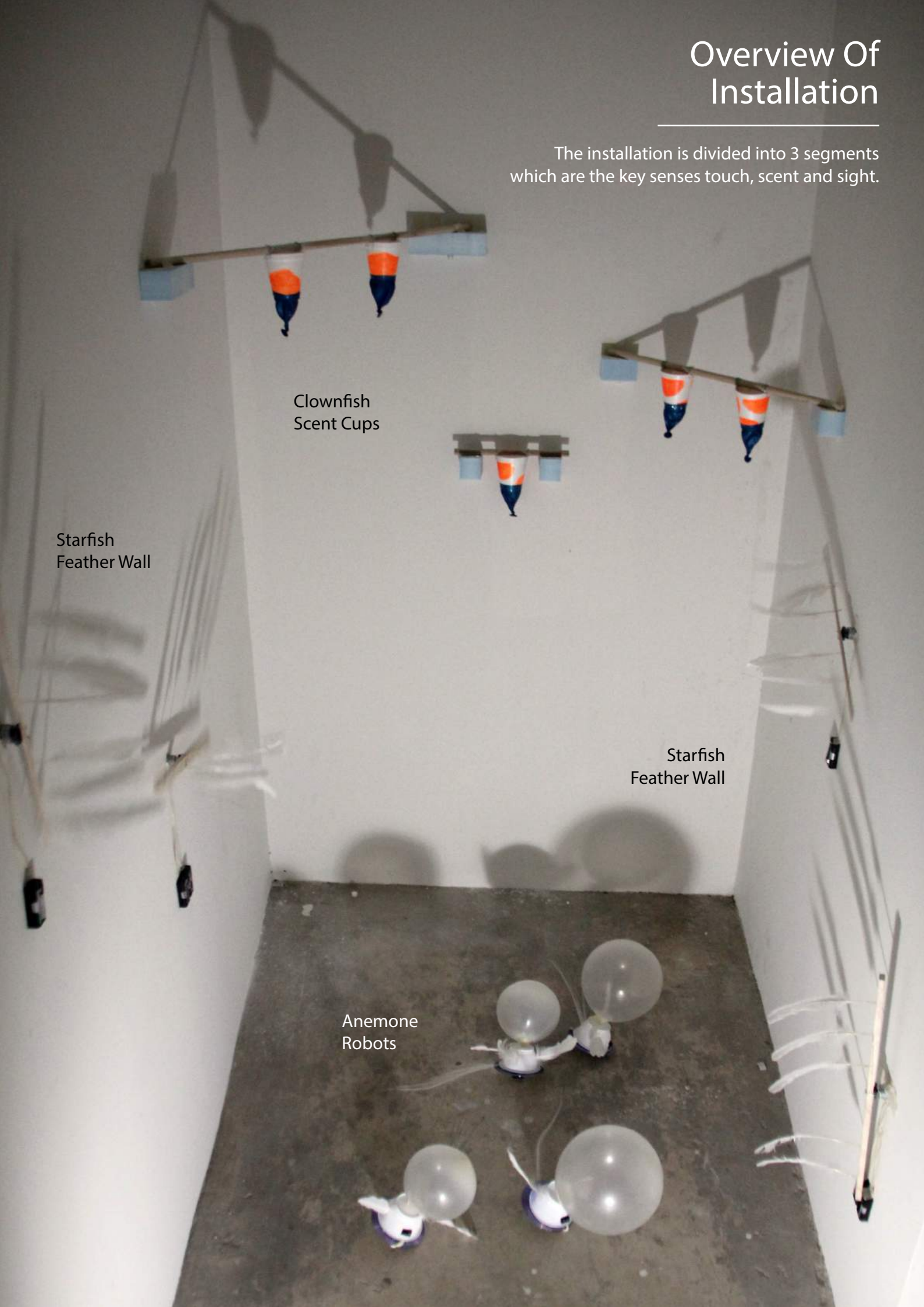
The installation is divided into 3 segments which are the key senses touch, scent and sight.

Clownfish
Scent Cups

Starfish
Feather Wall

Starfish
Feather Wall

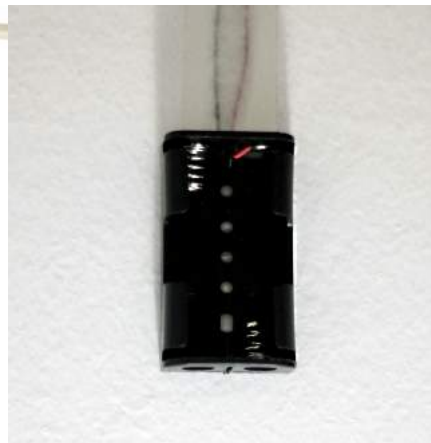
Anemone
Robots





Anemone Robots - Sight & Touch

A simple DC motor at the bottom of a CD with a balloon attached at the top allows the robot to wiggle about in a very anemone-like movement. By attaching feathers and lights, as it dances about, it tickles the feet of the user by surprise!



Starfish Feather Wall - Touch

The same circuit was used but this time we drilled holes into a wooden stick and stuck feathers. It would give the user an all around experience as they feel something tickling their various body parts in the dark!



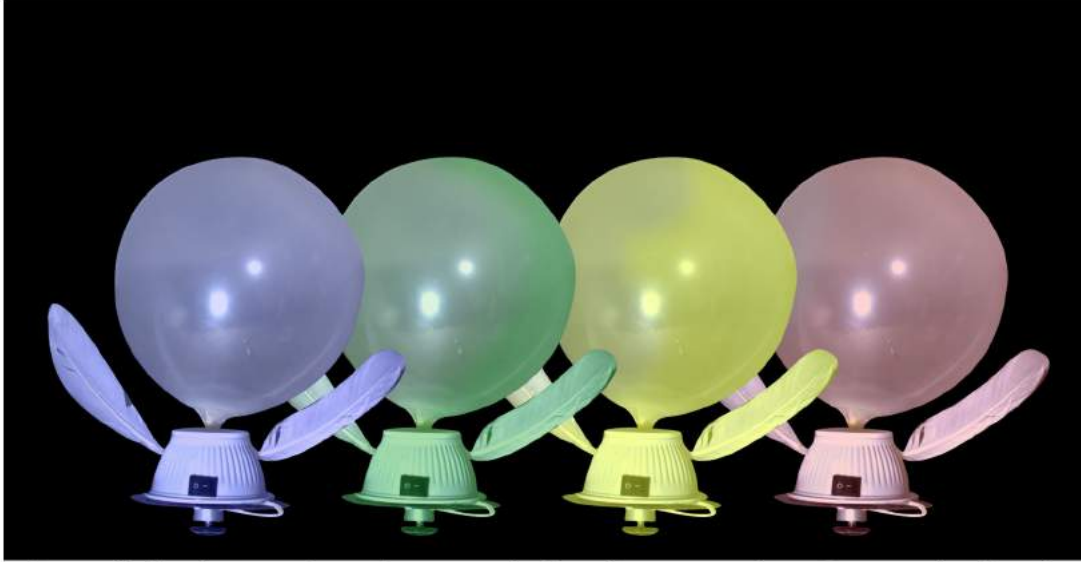
Clownfish Cups - Scent

Luminous orange cups are hung on the walls. They would invite the users to walk towards them and upon feeling them below, they are able to tug it and it releases a scent! The scents are classified into various different heights with the baby powder being the dominant, the cinnamon being the sub dominant as it's a little more sharp and the citrus lemon scent as the surprise of the subordinate!



Possible Applications

Educational Toys



One of the interesting characteristics of our moving Grenas is that it will move away once it is touched. This is coherent with our creature that will move away once it senses danger.

This specific trait can be used for the concept of educational toys for young children in teaching them about social relationships.



As the toy represents their friend, they can be taught that every person is different and has their own way of socializing. Some will stay around while some will leave.



The 'leaving' toy taught them that they are not always getting what they want and to appreciate everyone around.

Possible Applications

Scent Emergency Exit



Through the whole experience of our installation, its segmented into different sections in the dark. One possible application is that it could be use as an emergency exit of the scent. Often when a fire starts, we do not see the fire but it is the smoke that captures our attention.

What could be plausible is that once a fire starts, a very strong scent can be released to alert the people that there is a fire starting. Since most people suffer not from the fire itself but the smoke, the scent could overpower the smoke. Thus it would act as a guide and lead people to escape.