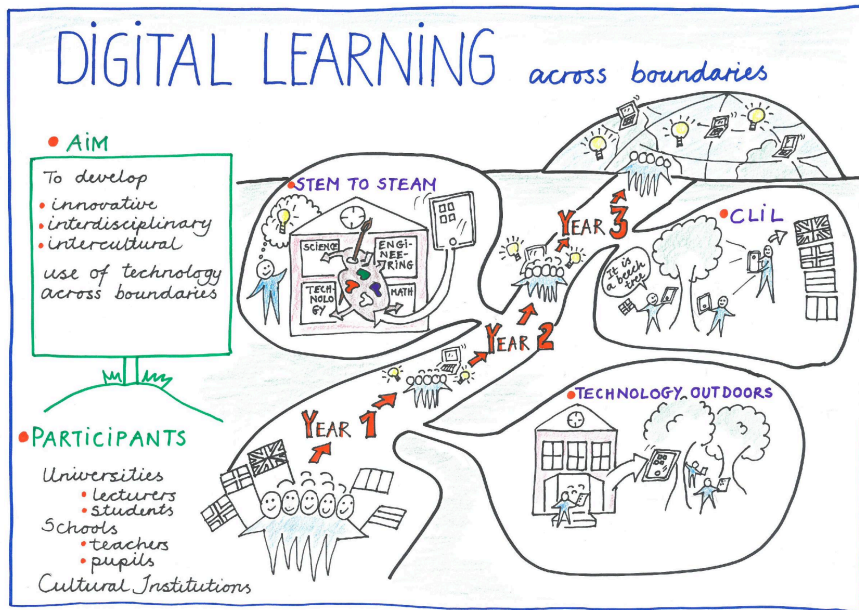


Outdoor Science

Project week @ Middle School Bruges



Group Scientist

➤ Goal :

Research on solutions for the climate change based on

- Scientific method
- Technological process
- Innovative, Creative and Social process

The selected solutions by the students

- Creating a cloud city
 - For farming
 - For living
- Creating a drone that convertes CO_2 in O_2
- Creating a motor that runs on salt water.

Creating a cloud city

➤ Idea :

Creating 2 cloud cities that work together to create a living environment for human beings.

➤ Why?

To stop deforestation for farm land and expanding cities.



Process

Creating cloud cities



Creating a drone

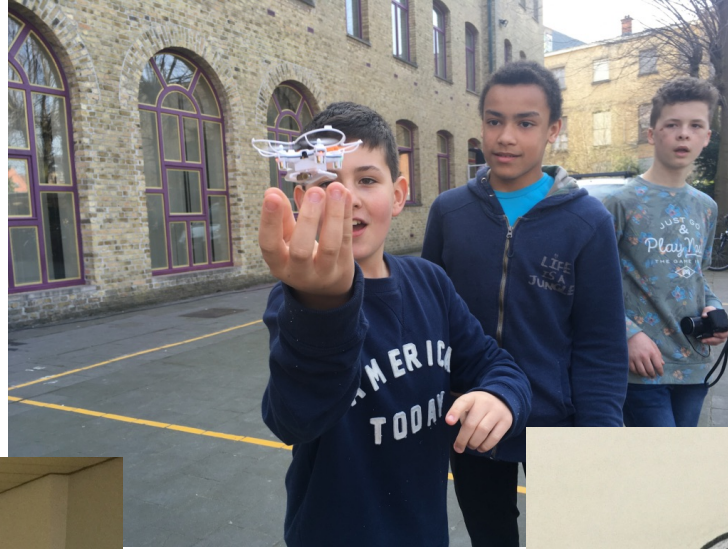
➤ Idea :

Creating a drone that replicates the process of photosynthesis.

➤ Why?

To reduce the CO₂ in the atmosphere produced by burning fossil fuels.

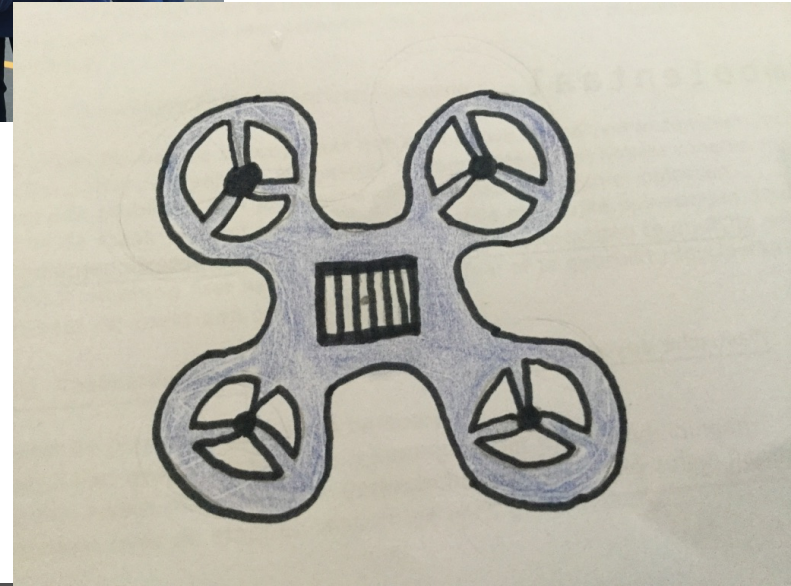
Interviewing an engineer



The concept



Testing characteristics of drones



Process

Creating a drone



Creating a motor on salt water

➤ Idea :

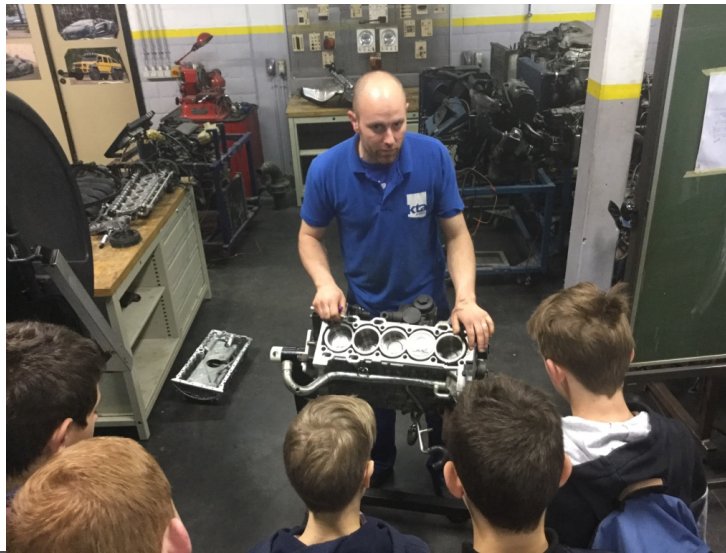
Creating a motor with salt water as fuel.

➤ Why?

Salt water is plenty available and it wouldn't create CO_2 because the motor isn't burning fossil fuels.



Interviewing an engineer



Research



Outdoors 😊

Process

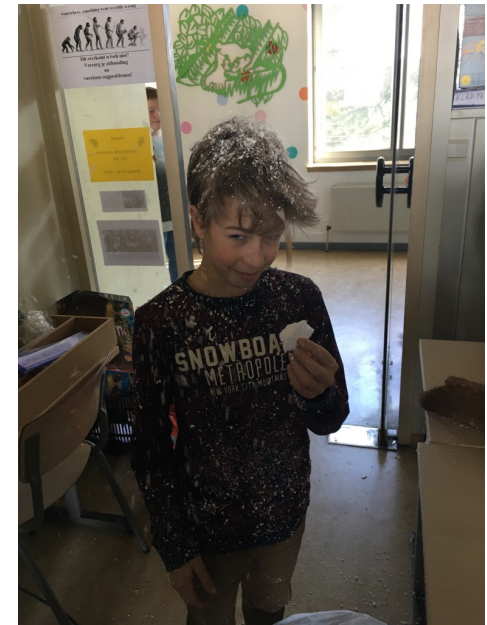
Creating a motor



The result after one week STE(A)M..



The official results ↙



One unofficial result 😊