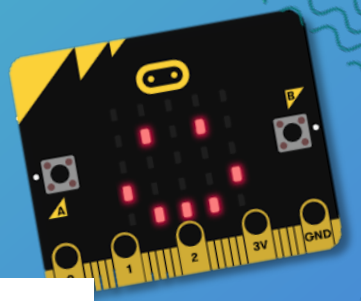


Lauréats 2024-2025

YES WE CODE!

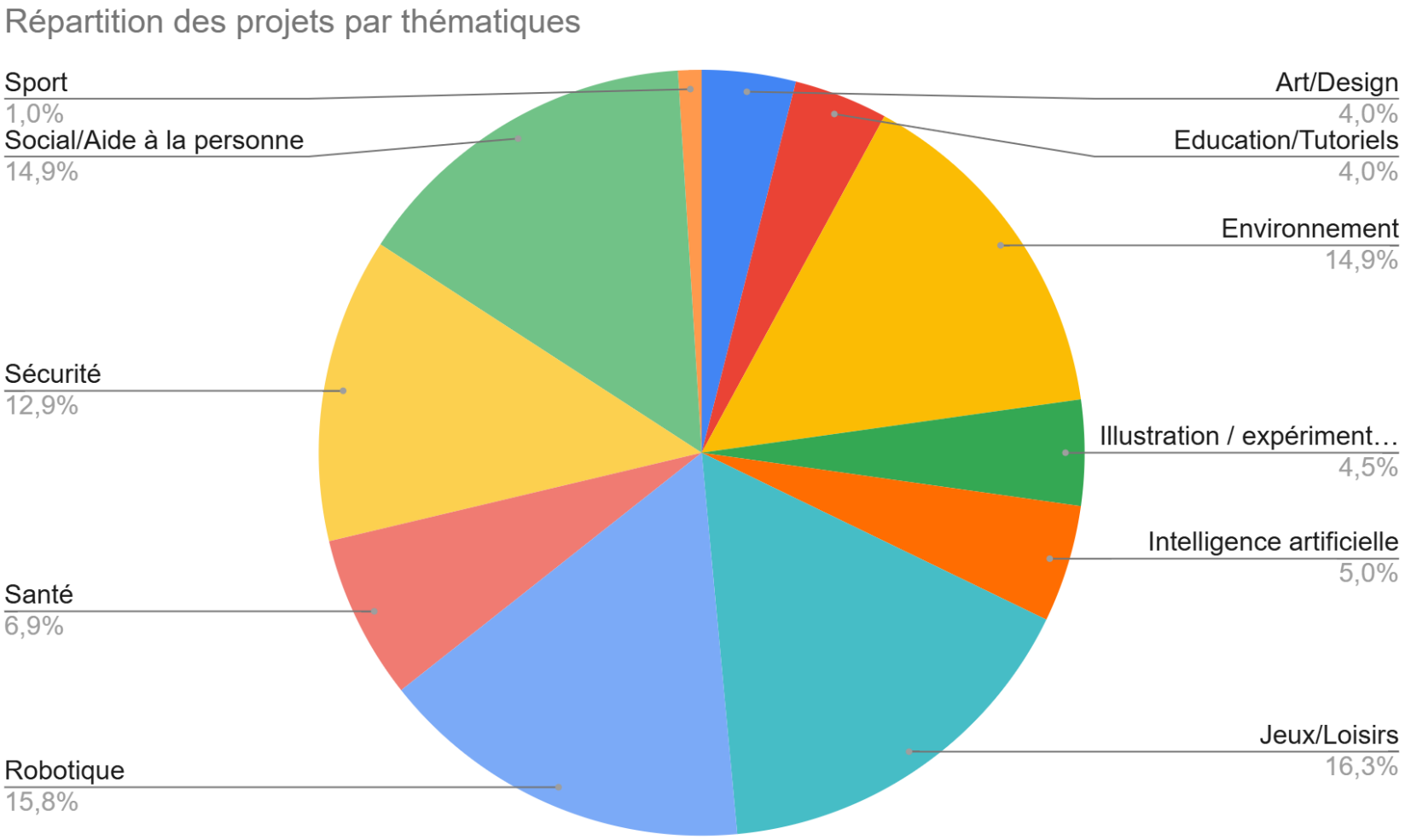
FONDATION CGENIAL

Le concours 2025 en quelques chiffres

202 vidéos de projet reçues

75 projets présélectionnés pour l'évaluation par les jurys

45 % de filles



Les lots

20 lots thématiques

2 lots nationaux

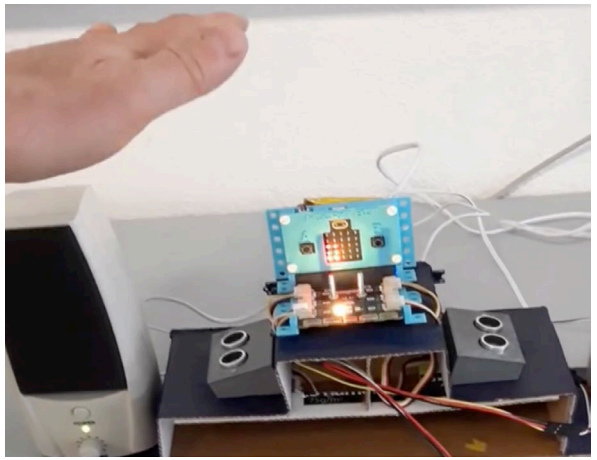
1 lot lycée pro

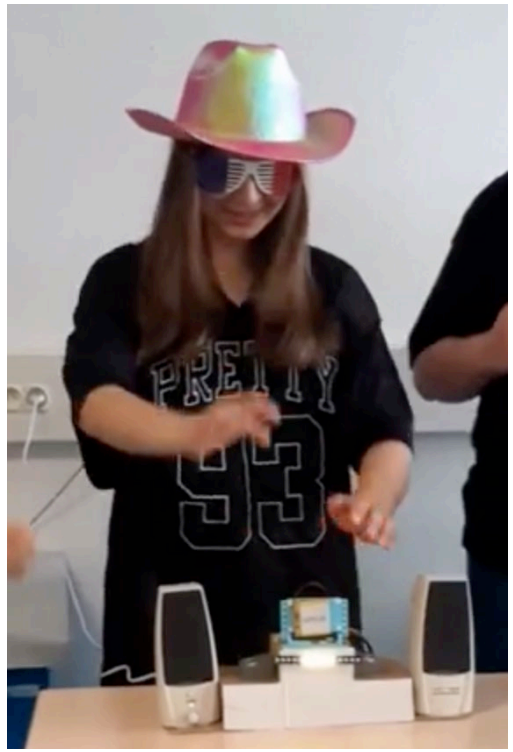
Les lauréats thématiques

Art & Design

Ac. de Clermont-Ferrand | Collège Diderot (Aigueperse)

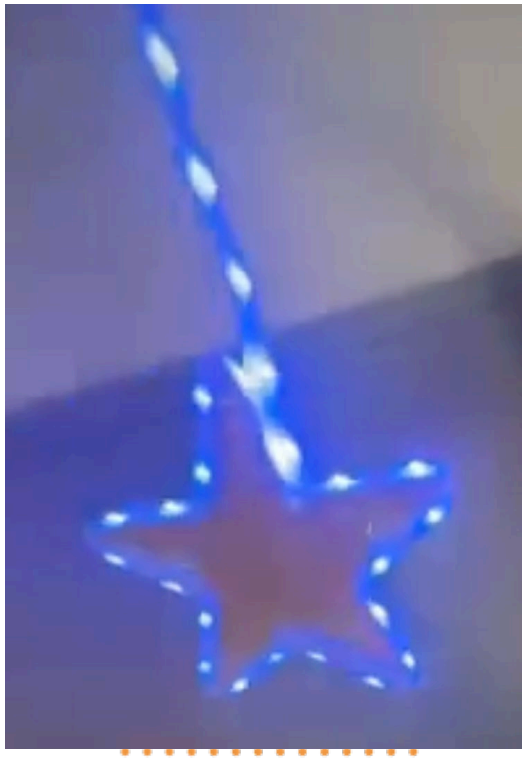
Harpe sans fil – Élèves de 4e





Ac. de Versailles | Lycée Viollet le Duc (Villiers St Frédéric)

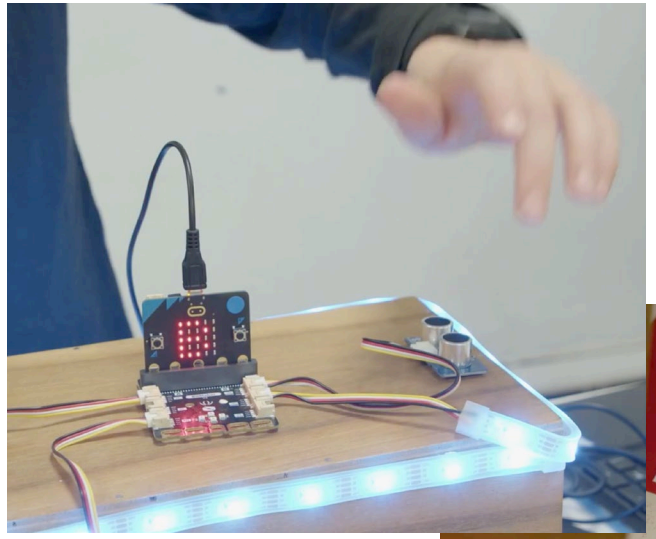
Étoile lumineuse - Élèves de 2nde

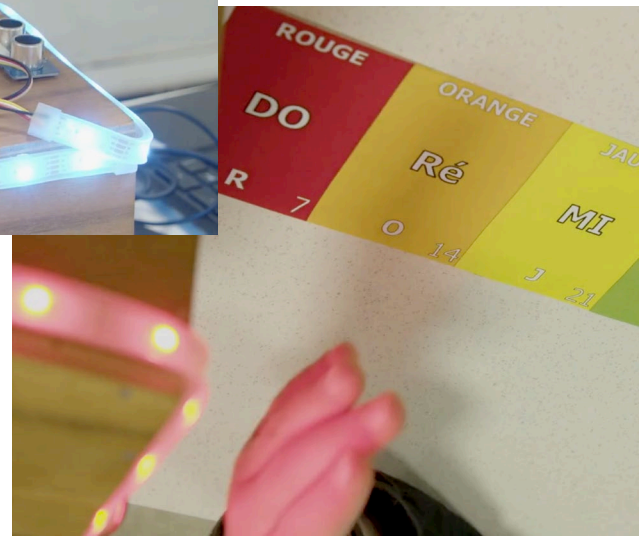


Education & tutoriels

Ac. d'Aix-Marseille | Collège Joseph Viala (Avignon)

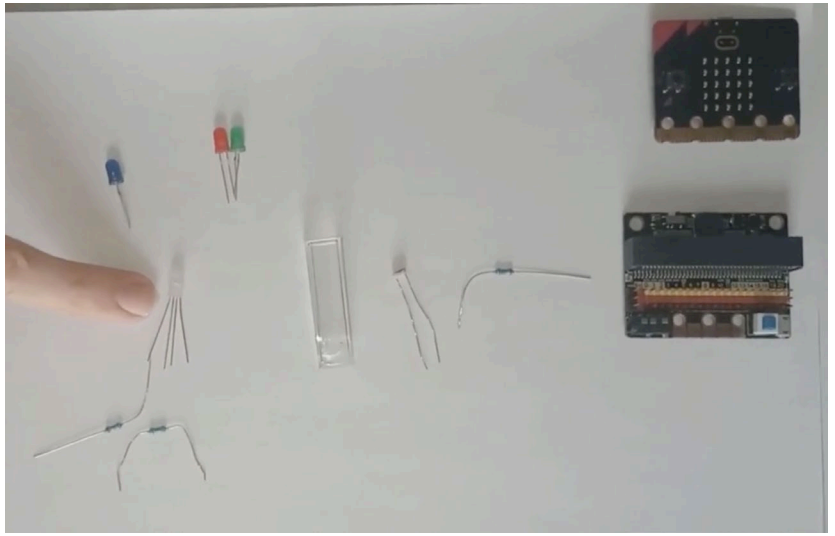
[Thérémine, un hommage à Sheldon](#) – Élèves de 6e, 5e, 4e

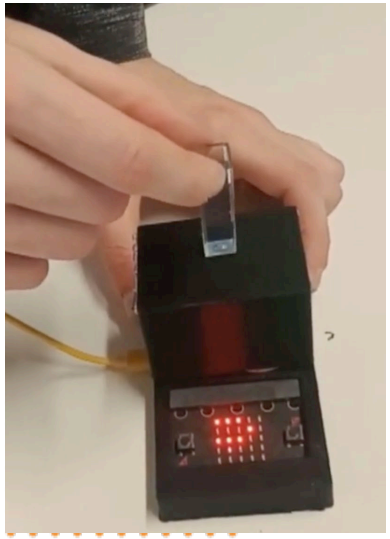




Ac. de Versailles | Lycée Léonard de Vinci (St-Germain-en-Laye)

[Spectrophotomètre](#) - Élèves de terminale

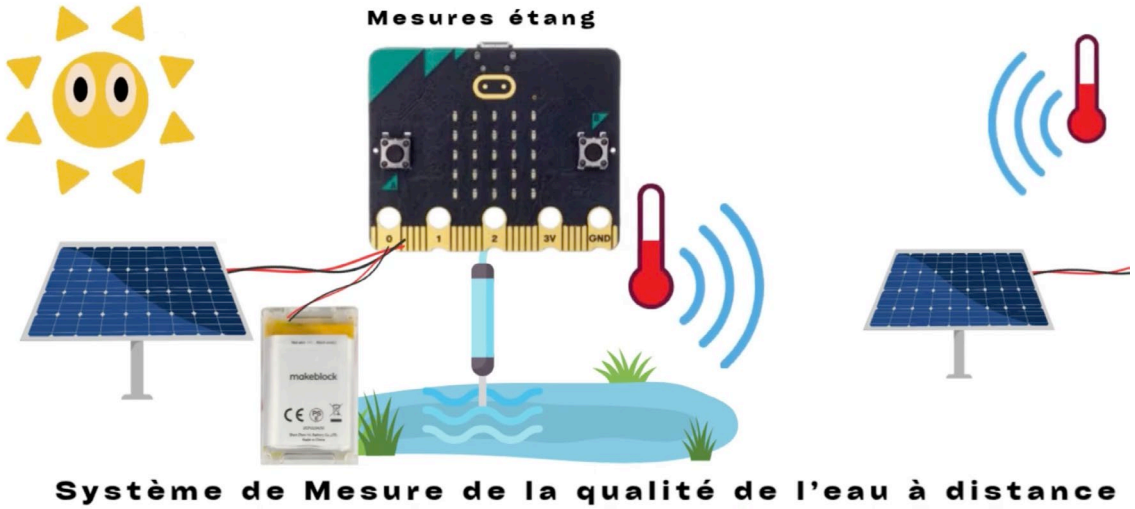




Environnement

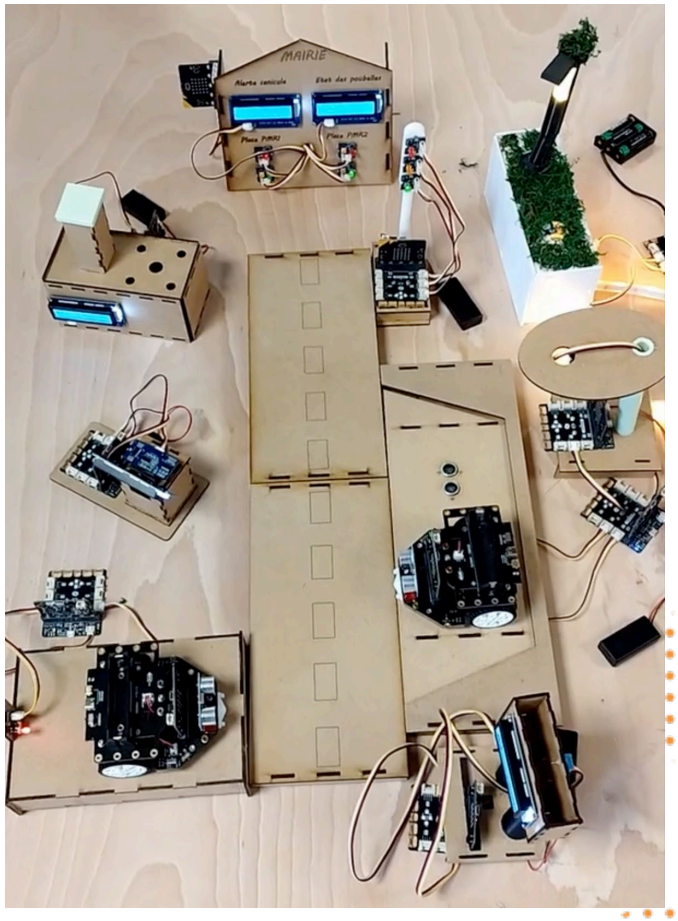
Ac. de Bordeaux | Collège Jean Monnet (Saint Ciers sur Gironde)

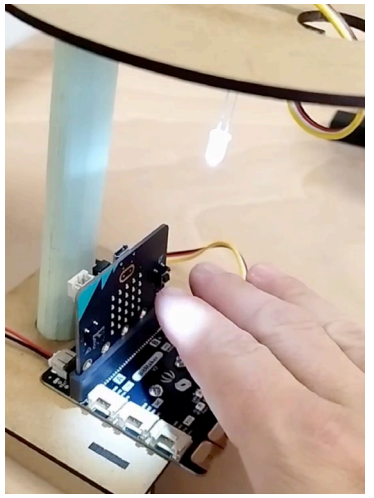
Mesure qualité de l'eau - Élèves de 5e



Ac. de Orléans-Tours | Lycée Joséphine Baker (Hanches)

La ville connectée - Élèves de 2nde





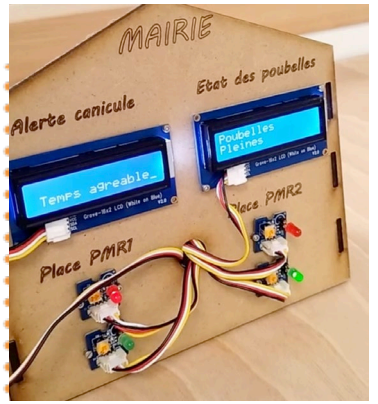
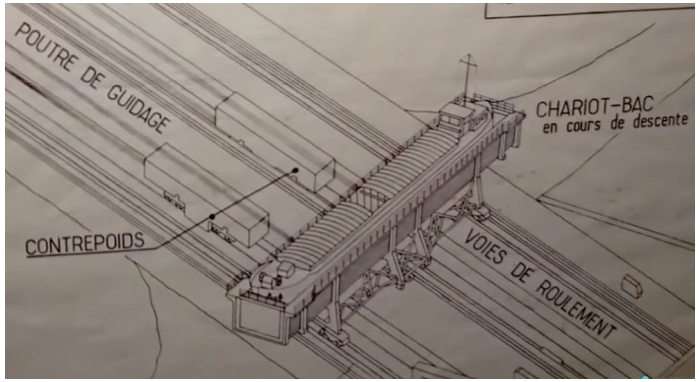
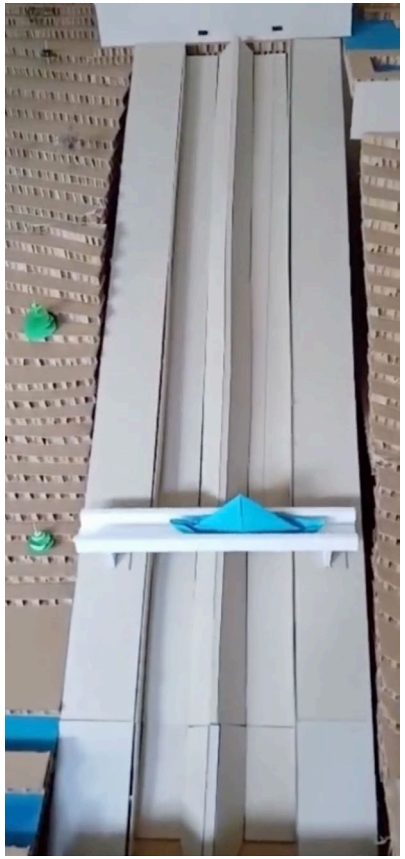


Illustration & expérimentation d'une notion scientifique

Ac. de Nancy-Metz | Collège Ferdinand Buisson (Thiaucourt)

Maquette du plan incliné d'Arzviller - Élèves de 4e

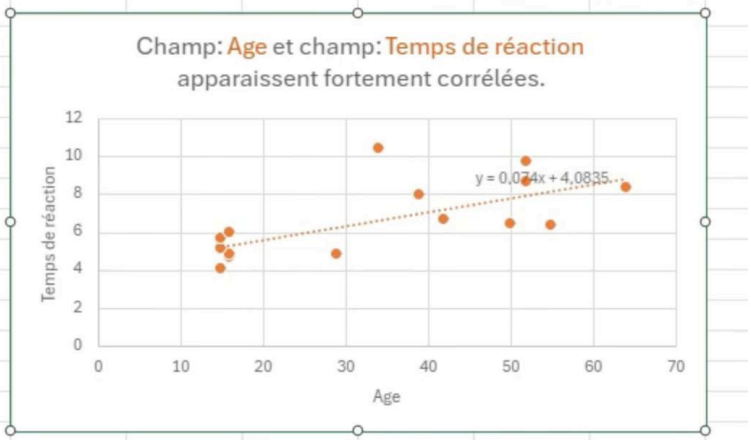




Ac. de Montpellier | Lycée La Trinité (Béziers)

Réflexomètre - Élèves de 1ère

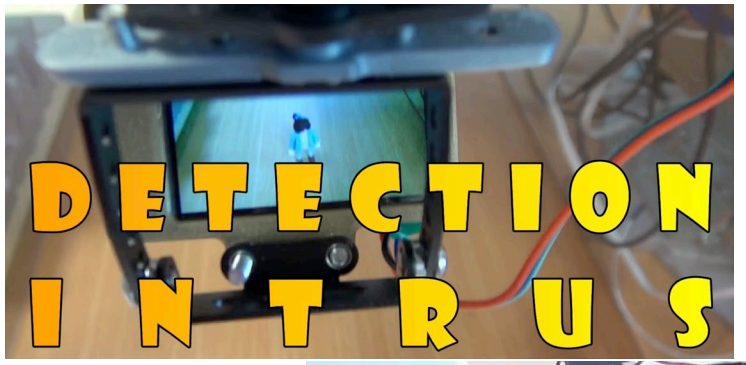
Age	Temps de réaction
15	4
16	4,6
29	4,8
16	4,8
15	5,1
15	5,6
16	5,9
55	6,3
50	6,4
42	6,6
39	7,9
64	8,3
52	8,6
52	9,7
34	10,4

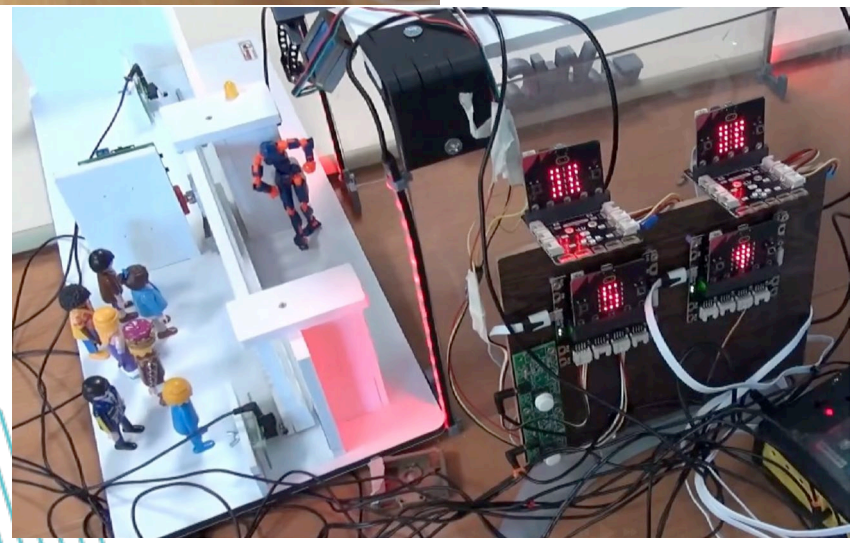


Intelligence artificielle

Ac. d'Orléans-Tours | Collège Lucie et Raymond AUBRAC (Luynes)

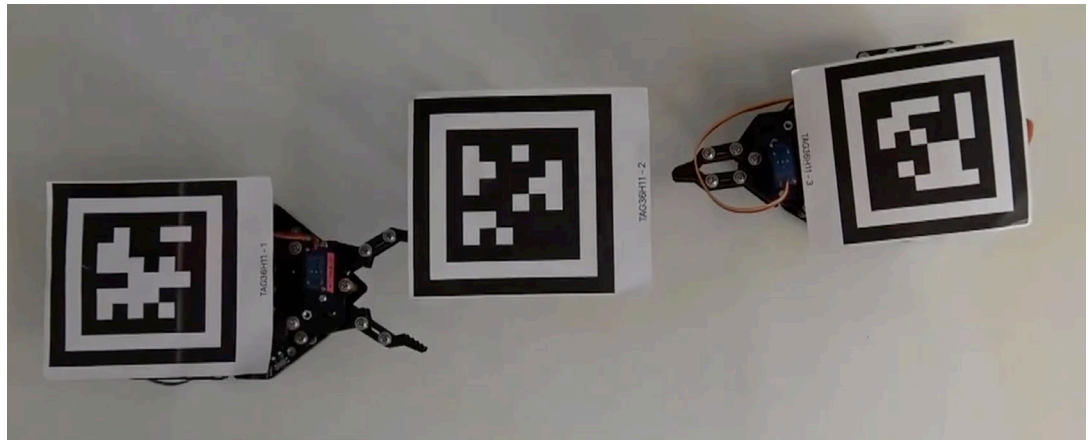
VIESCOSAS - Élèves de 6e, 5e, 4e

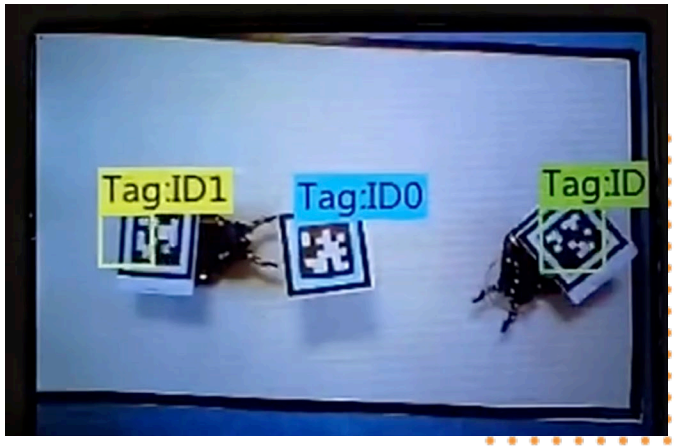




Ac. de Grenoble | Lycée international Europole (Grenoble)

Le jeu du béret - Élèves de 2nde, 1ère, terminale

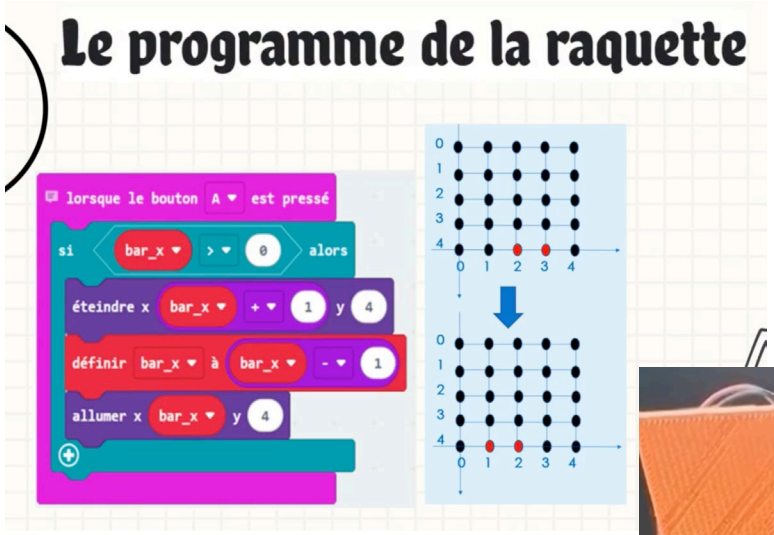




Jeux & Loisirs

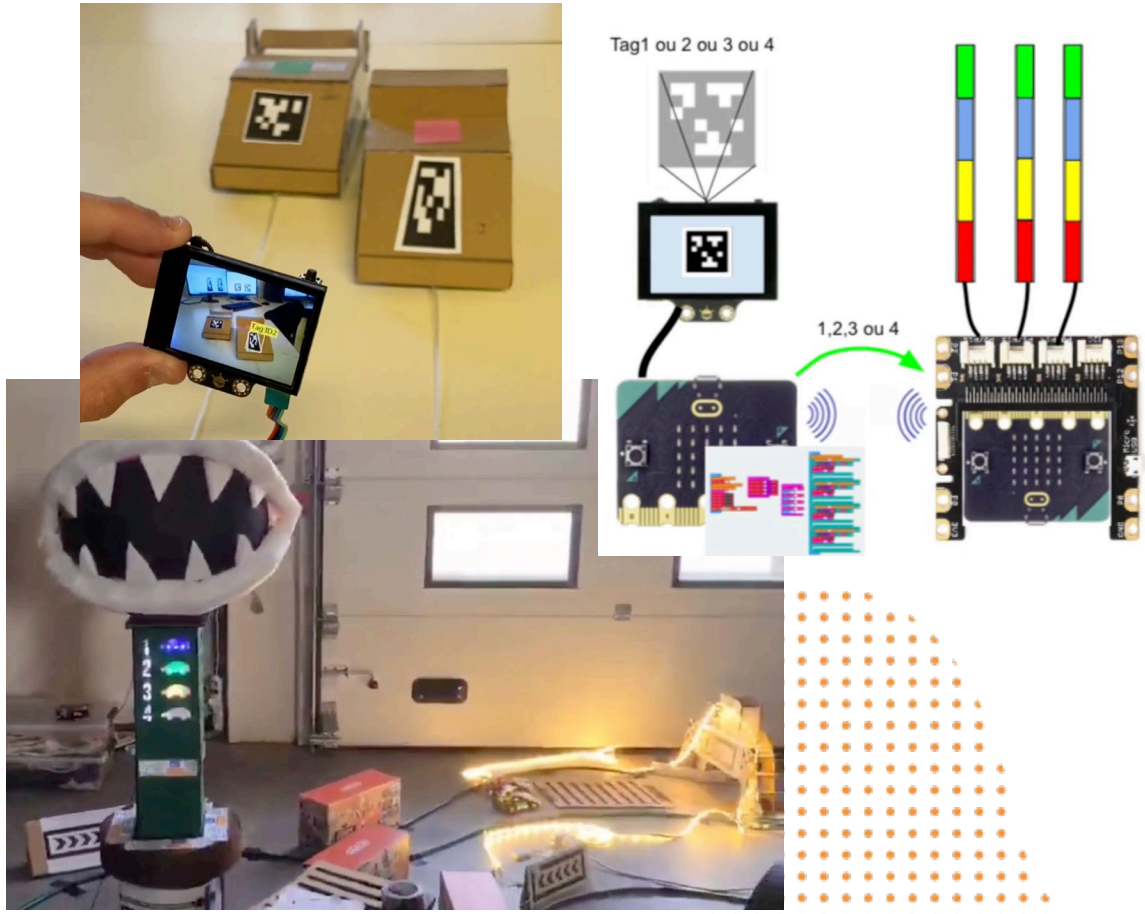
Ac. d'Orléans-Tours| Collège Saint Exupéry (Bourges)

Ping Pong - Élèves de 6e, 4e



Ac. d'Amiens | Lycée Pierre Mendès-France (Peronne)

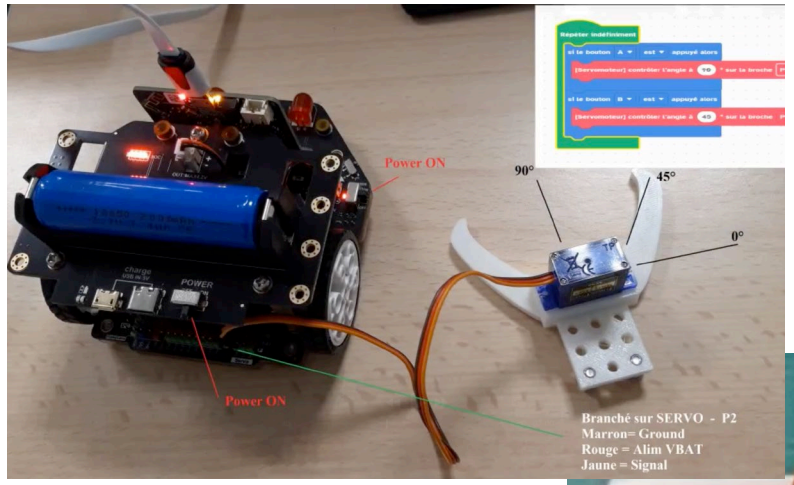
Circuit MarioKart Live - Élèves de 2nde



Robotique

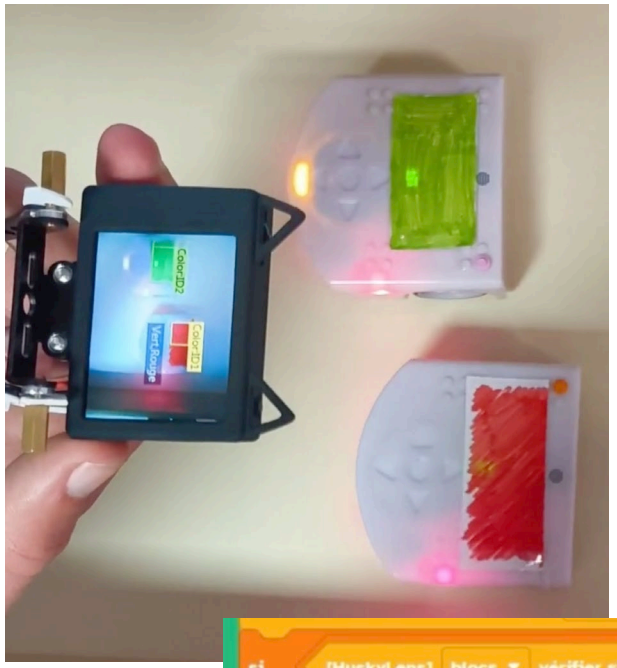
Ac. de Clermont-Ferrand | Collège Diderot (Aigueperse)

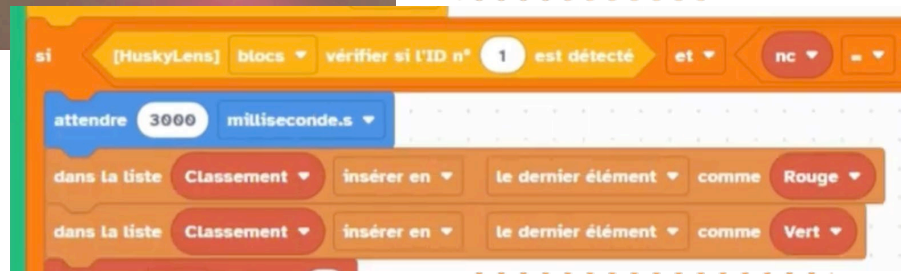
Robot nettoyeur de déchets nucléaires - Élèves de 4e



Ac. de Versailles | Lycée Parc de Vilgénis (Massy)

Un problème de classement - Élèves de 1ère

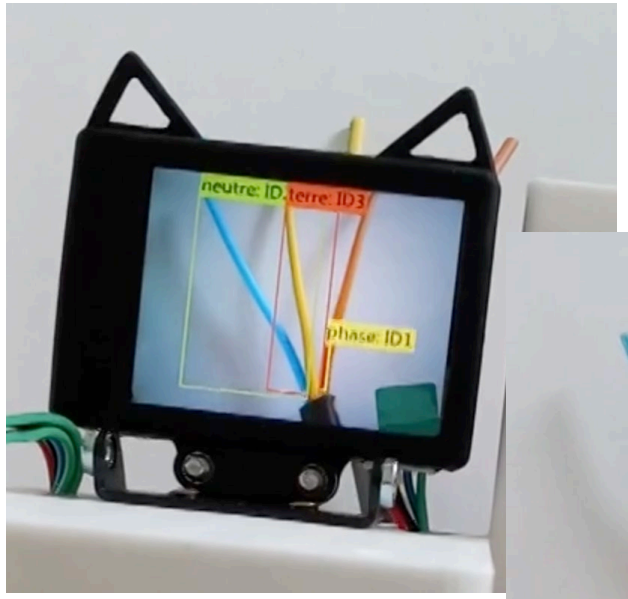




Santé

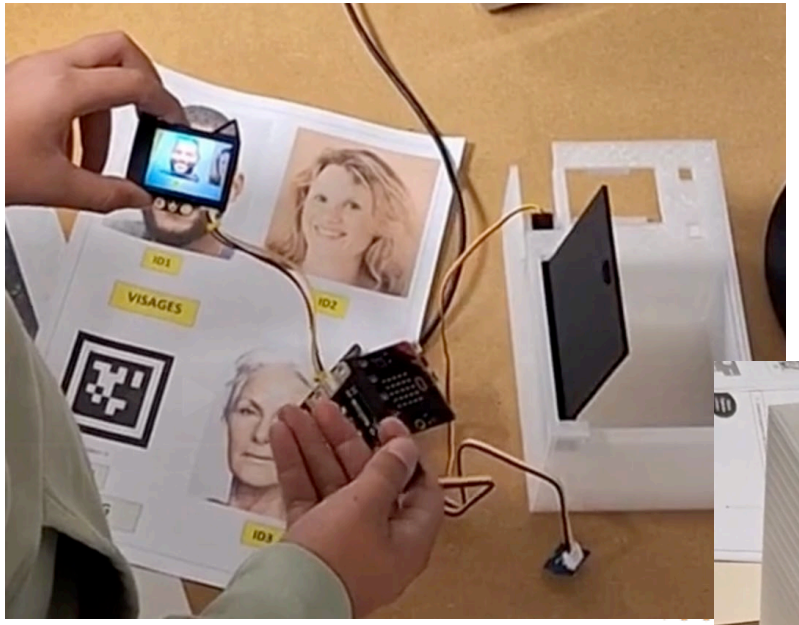
Ac. d'Orléans-Tours | Collège Jules Verne (Bourges)

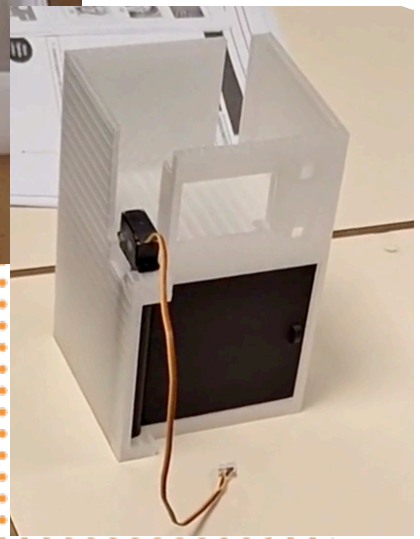
Daltoelec - Élèves de 3e



Ac. de Lille | Lycée Pro Les Hauts de Flandre (Seclin)

Boîte à clefs à reconnaissance faciale - Élèves de 3e

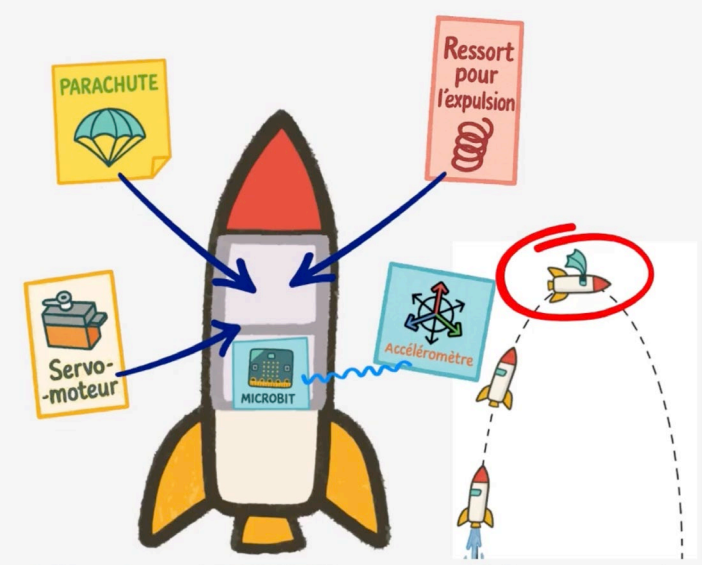


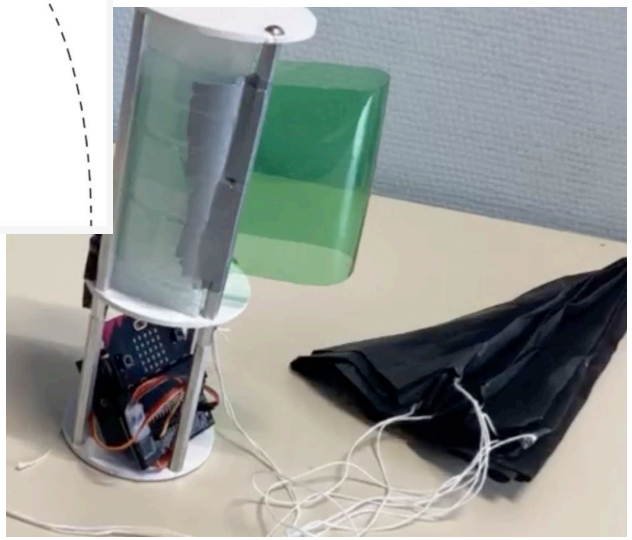


Sécurité

Ac. de Grenoble | Collège des deux vallées (Le Cheylard)

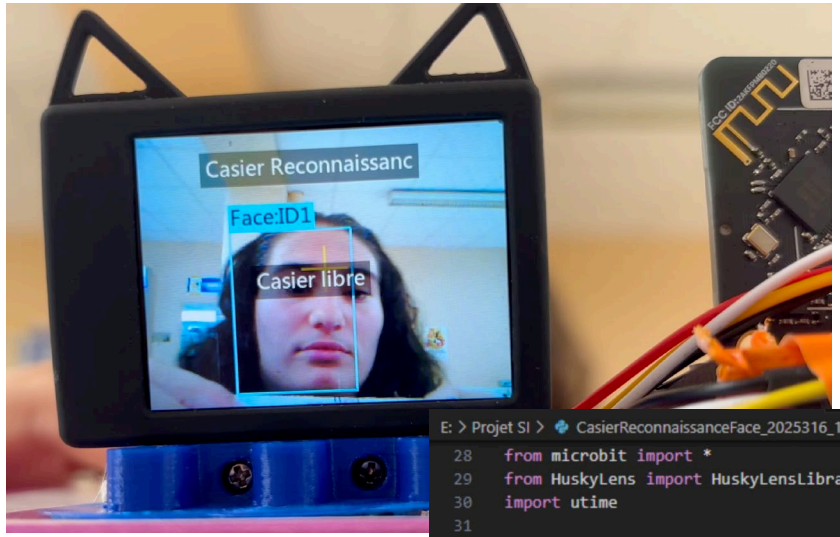
Sécuriser l'atterrissage d'une fusée à eau - Élèves de 6e





Ac. de Grenoble | Lycée Algoud Laffemas (Valence)

Casier à reconnaissance faciale - Élèves de 1ère



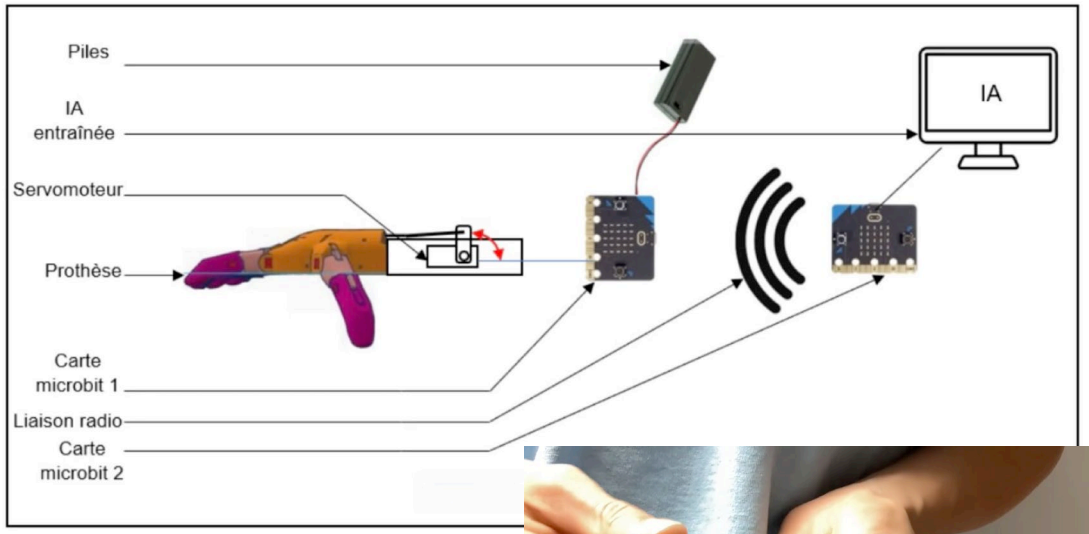
E: > Projet SI > CasierReconnaissanceFace_2025316_112437.py

```
from microbit import *
from HuskyLens import HuskyLensLibrary
import utime

huskylens = HuskyLensLibrary()
# Simple Button on pin0
def id_present(data_list, id_to_check):
    return any(item[4] == id_to_check for item in data_list)

#configurer en reconnaissance de visage
huskylens.face_recognition_mode()
display.show(Image.HAPPY)
huskylens.command_request_custom_text(str('Casier Reconnaissance
huskylens.command_request_forget()
#electro aimant relié sur la broche 1
pin1.write_digital(0)
huskylens.command_request_custom_text(str('Casier déverrouillé'),
etat = 0
```

Social / Aide à la personne

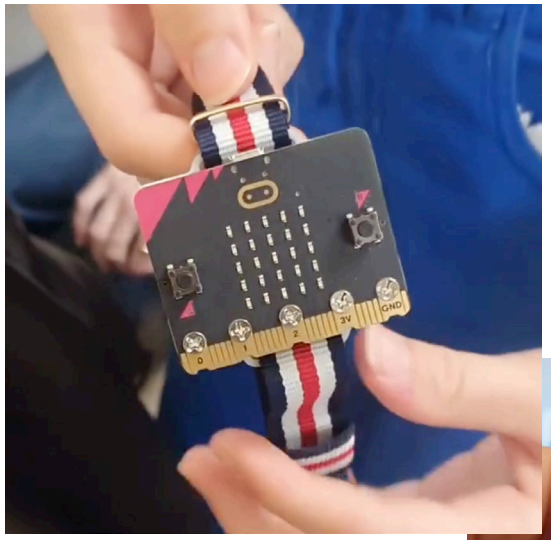
Ac. de Grenoble | Collège Jean Vilar (Echirolles)

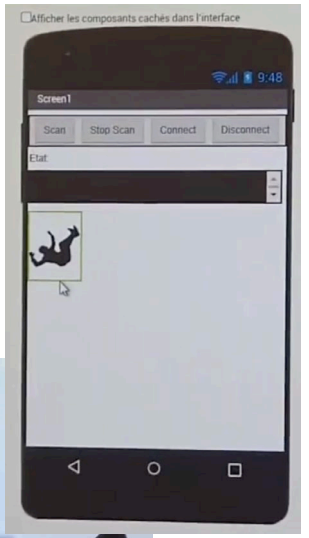
Prothèse de main automatique - Élèves de 3e

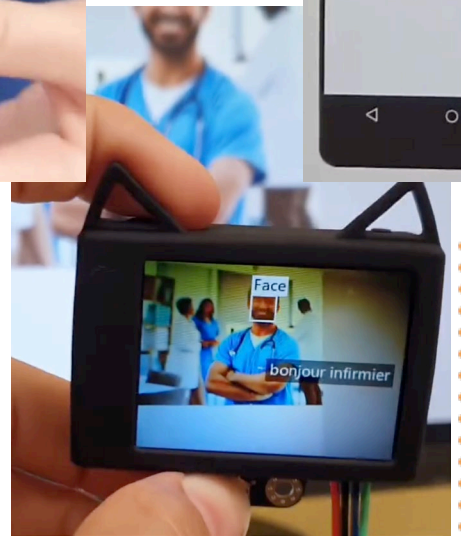


Ac. d'Aix-Marseille | Lycée Georges Duby (Luynes)

Vita Watch - Élèves de 2nde







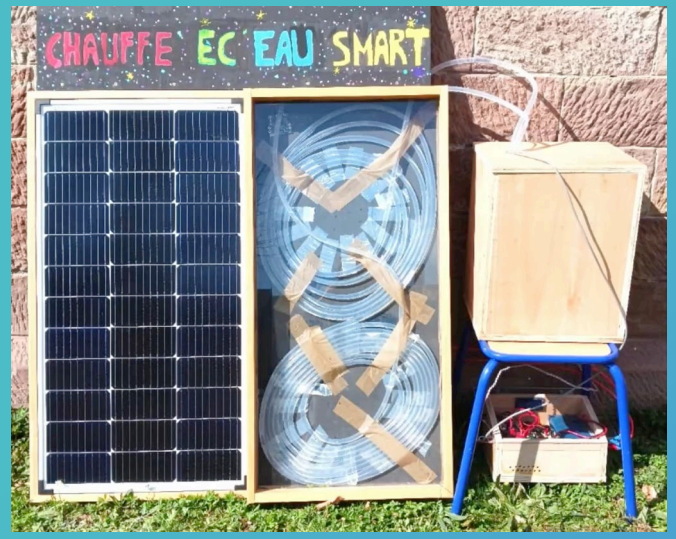
Prix lycée PRO

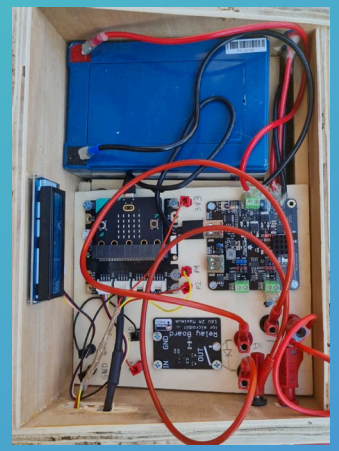
Ac. de Nancy-Metz | Lycée professionnel EREA François-Richard Joubert (Flavigny sur Moselle)

Park'erea - Élèves de 2nde

Les lauréats nationaux

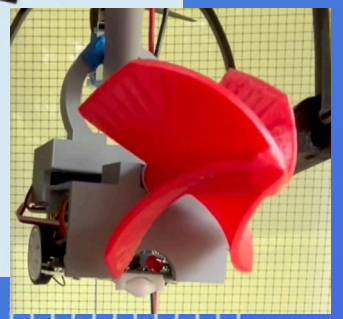
Collège Jules Hoffmann (Ac. Strasbourg - Strasbourg)





[Chauffe ec'eau smart] - Élèves de 4e

Lycée du Pays de Soule (Ac. de Bordeaux - Cheraute)



[Goutibot] - Élèves de 1ère

Félicitations aux équipes lauréates ainsi qu'à tous les participants !

Suivez-nous sur les réseaux sociaux :

#YesWeCode et **@Fond_CGenial**

FONDATION CGENIAL