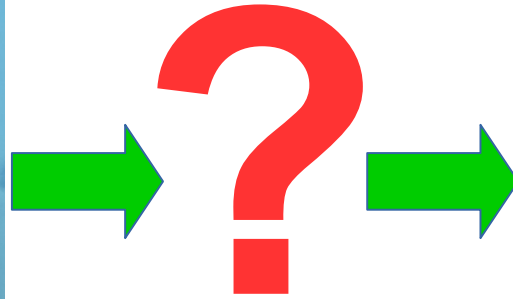

PIL'PLUS

Une seconde vie pour nos piles !



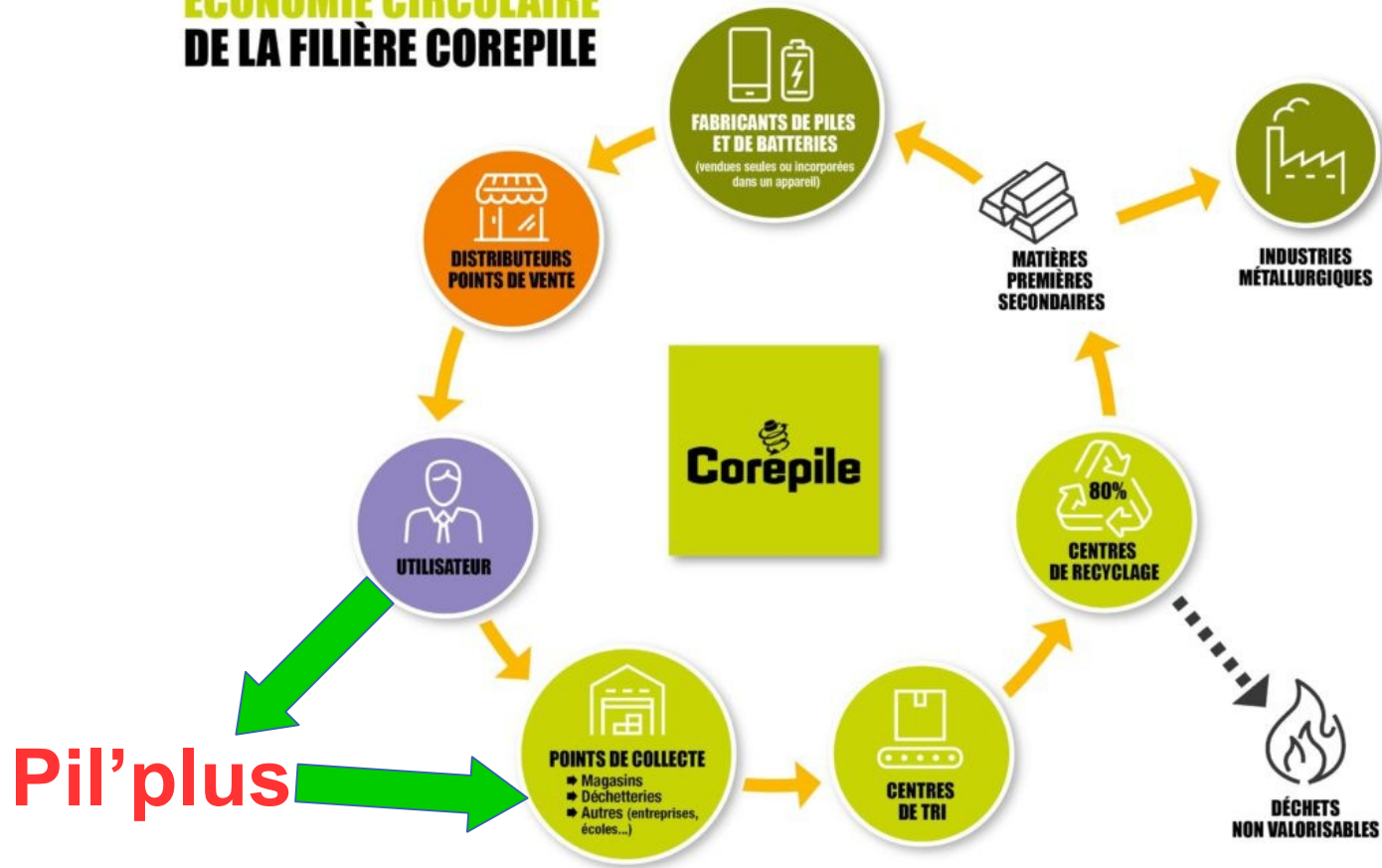
Comment valoriser les piles avant le recyclage ?



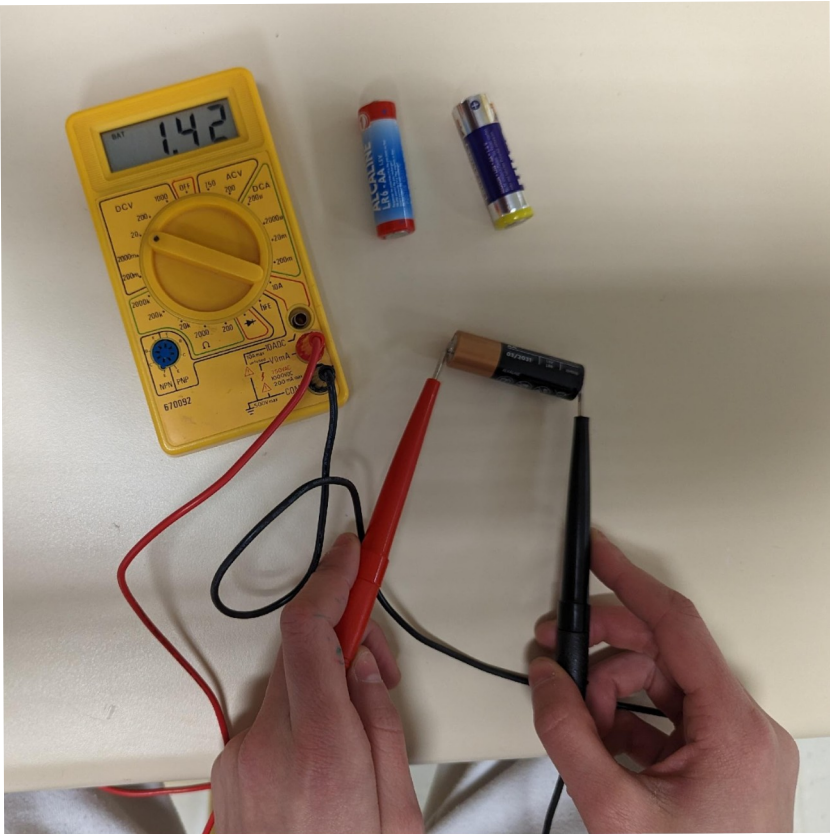
Recherche de solutions déjà existantes



ÉCONOMIE CIRCULAIRE DE LA FILIÈRE COREPILE



Tests de piles :



1.5V : pile neuve,

1.3V : entre 60% à 80% de capacité,

1.2V : entre 30% à 60% de capacité,

1V : pile vide.

Comment simplifier au maximum le test des piles ?



Comment **mesurer une tension** ?

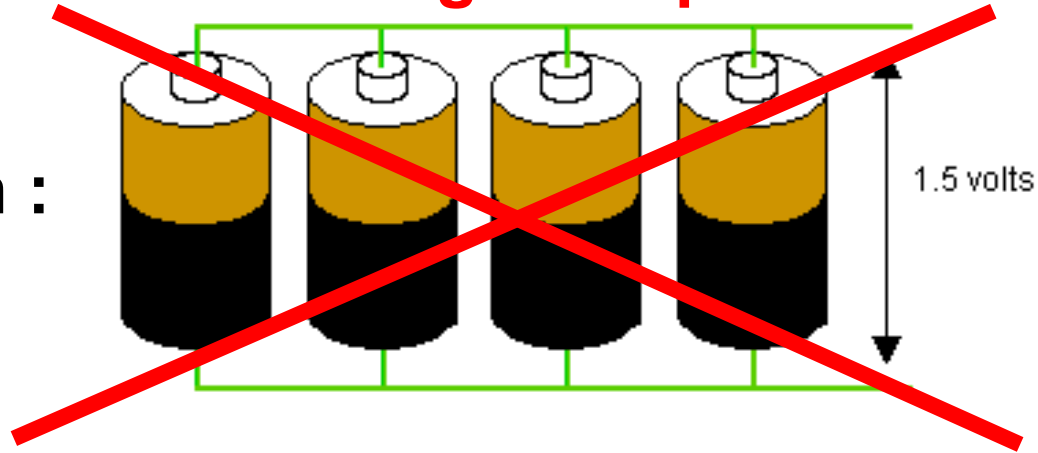


Vue d'ensemble de Pil'PLUS

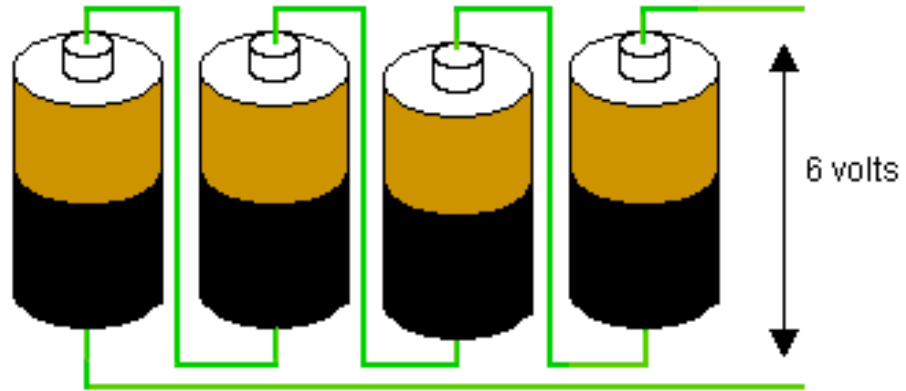


Montage des piles

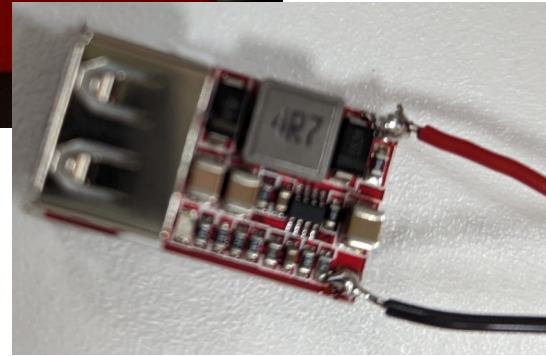
En dérivation :



En série :

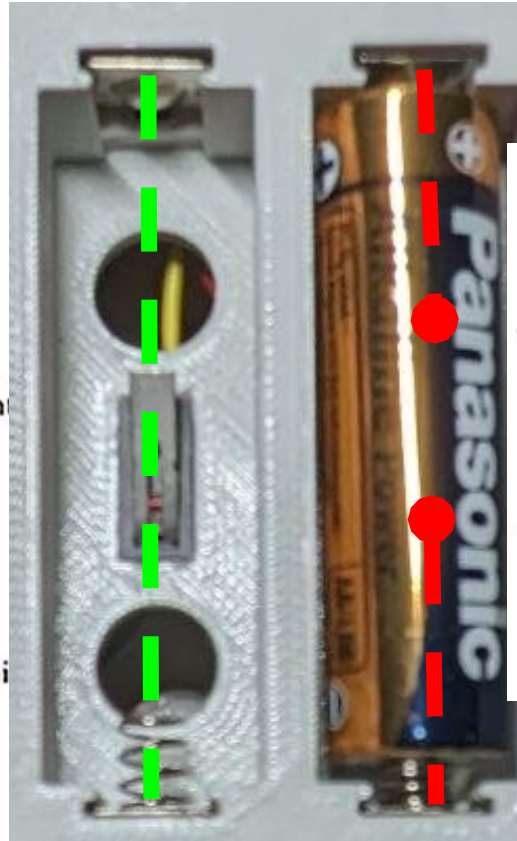
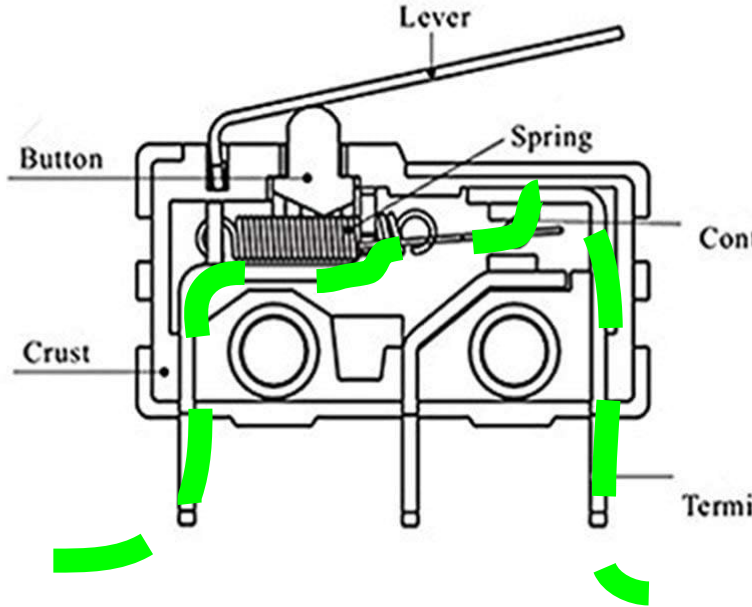


Vue d'ensemble de Pi'PLUS

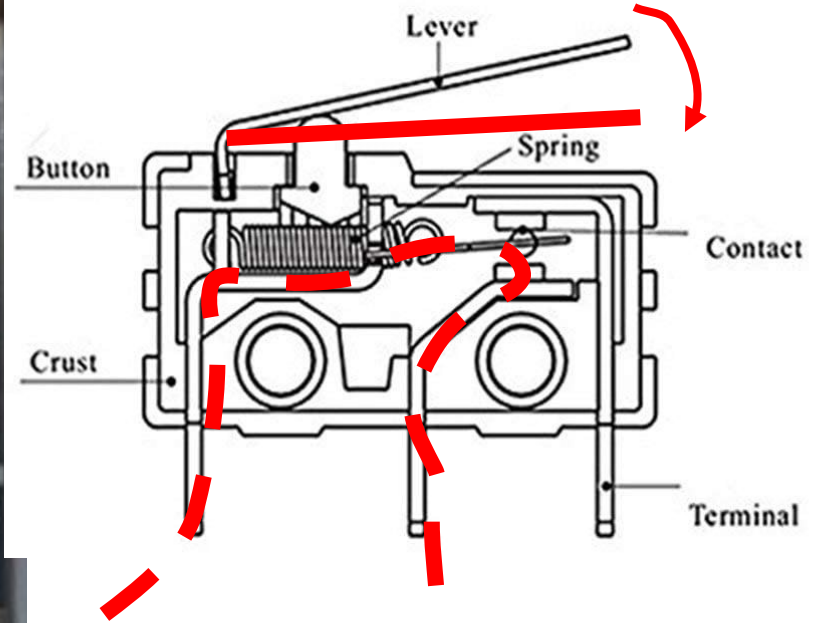


Présence de pile ou pas ?

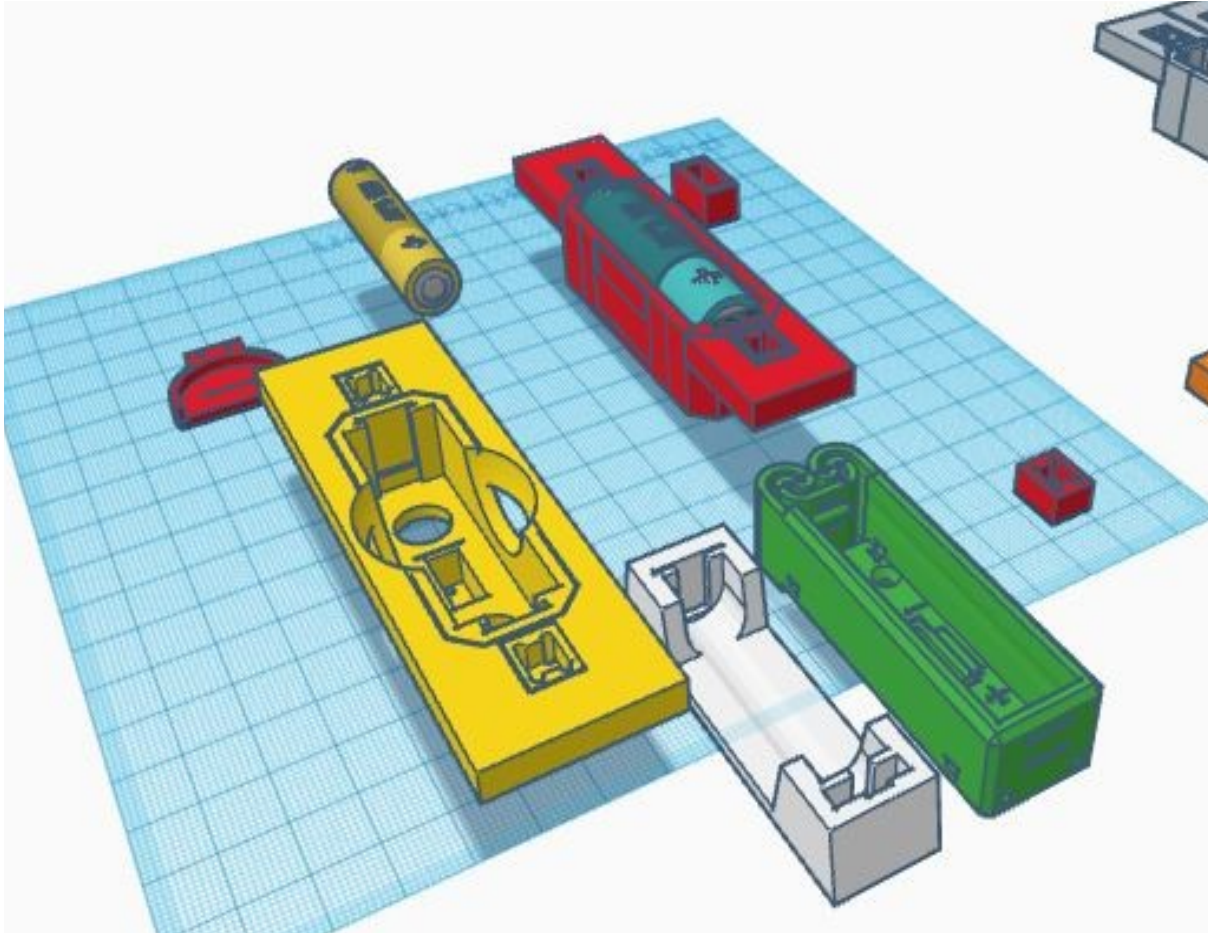
Micro-switch relevé



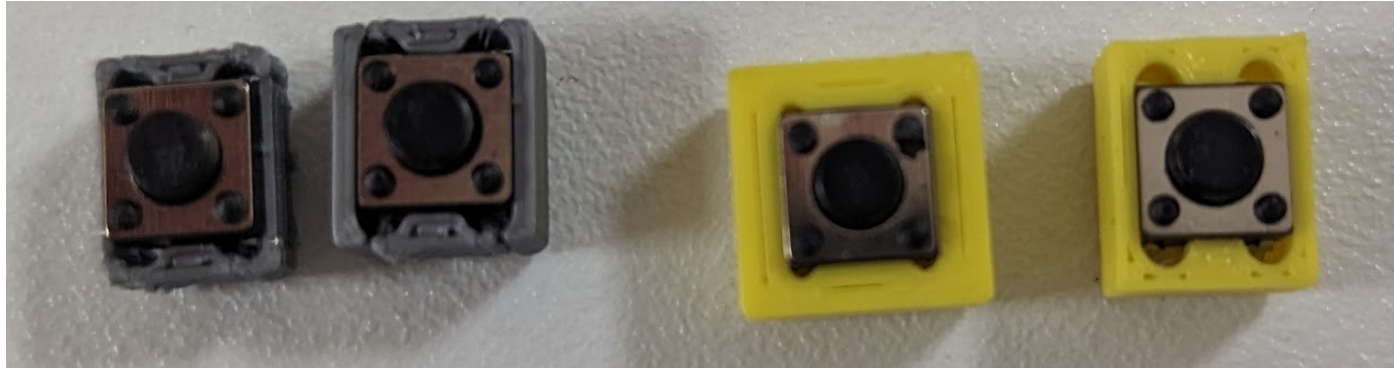
Micro-switch abaissé



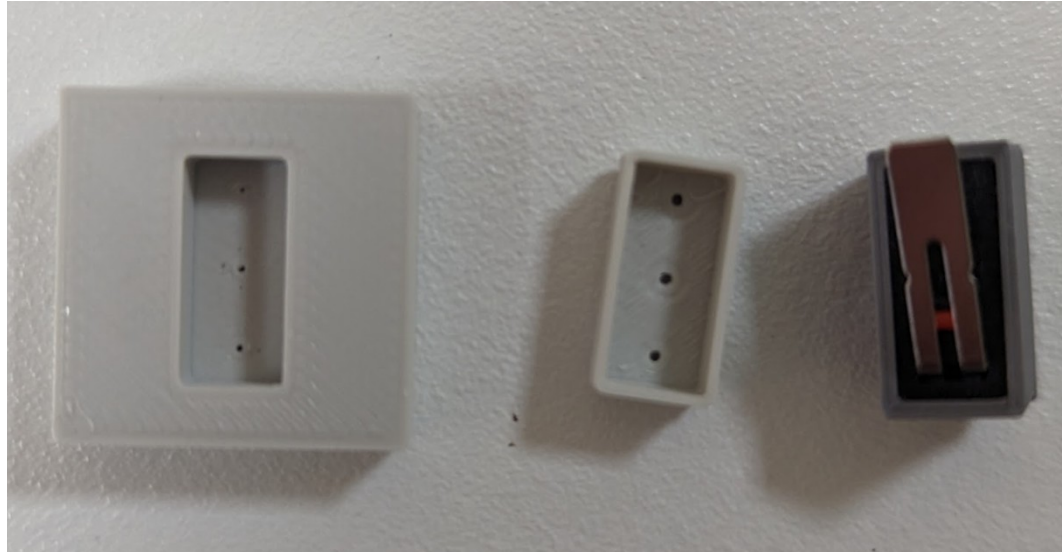
Prototypes de supports :



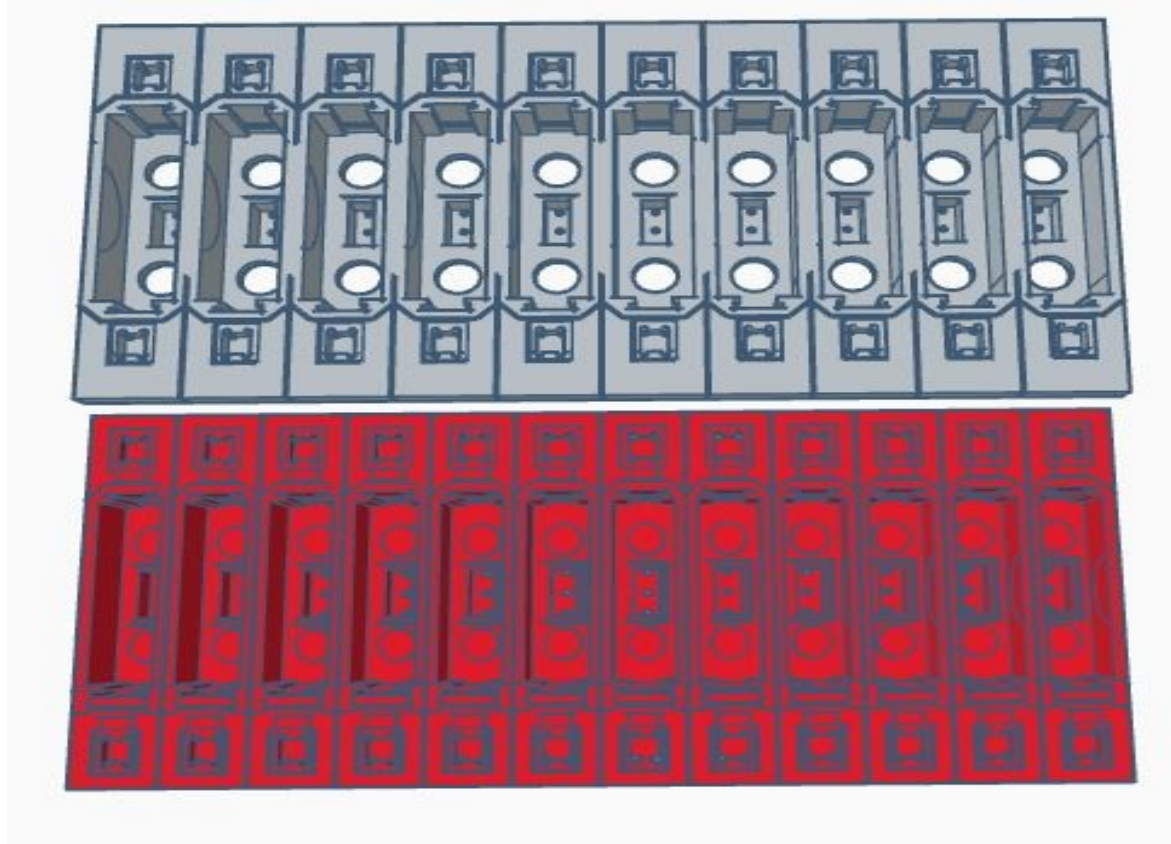
Prototypes de supports des boutons poussoirs :



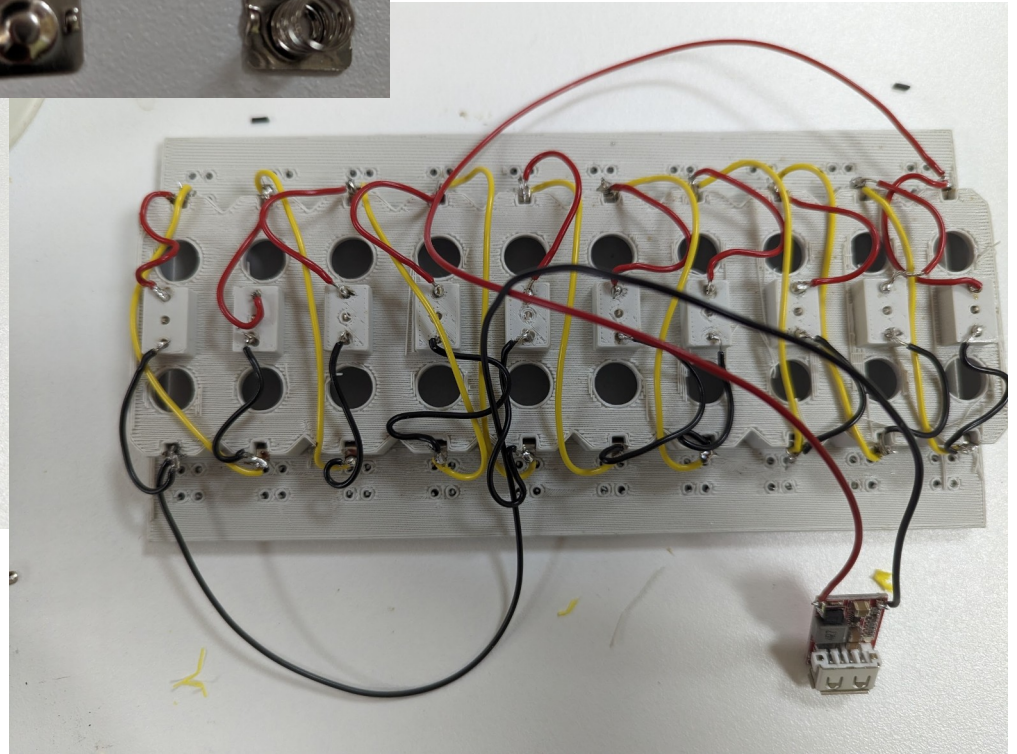
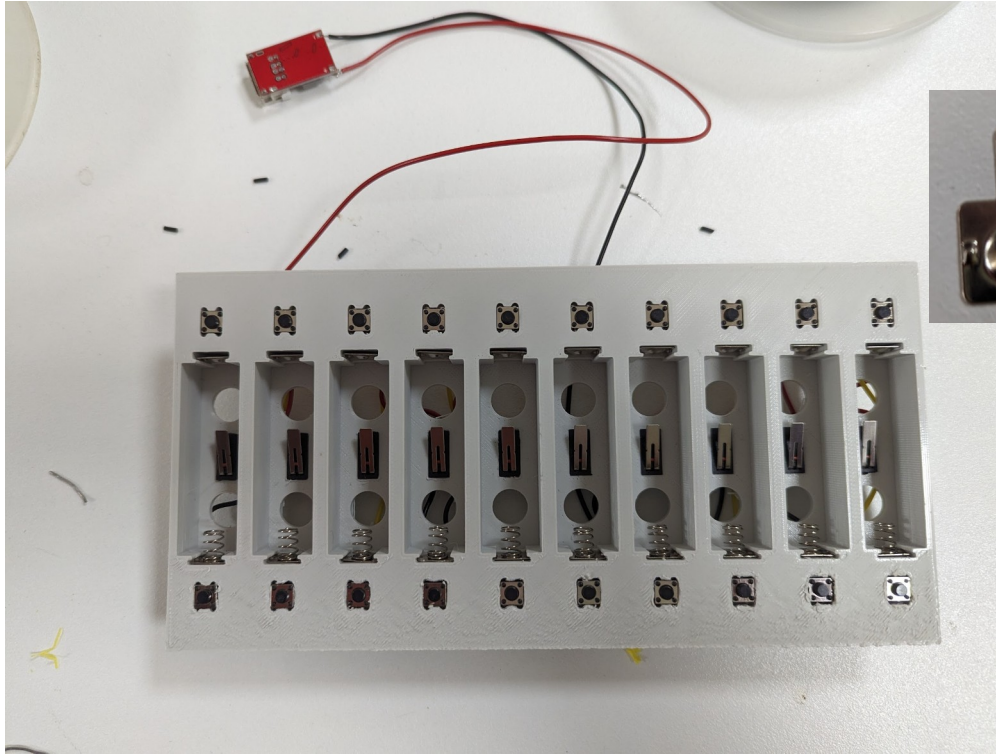
Prototypes de supports des micro-switchs :



Assemblage des supports :



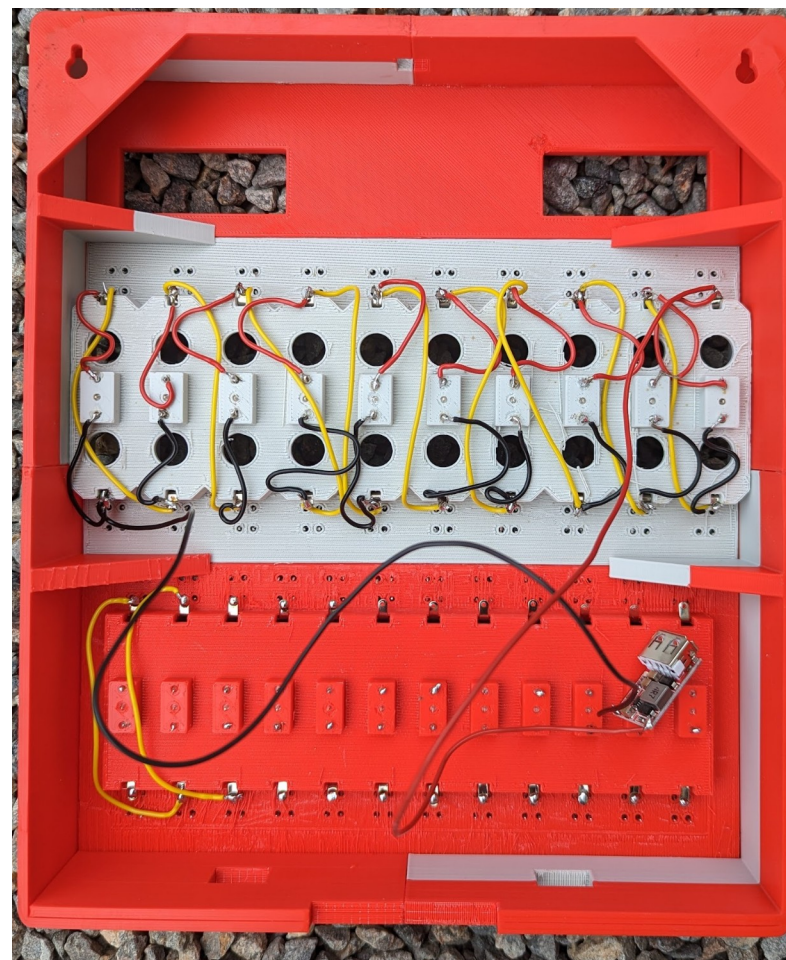
Module 10 supports :



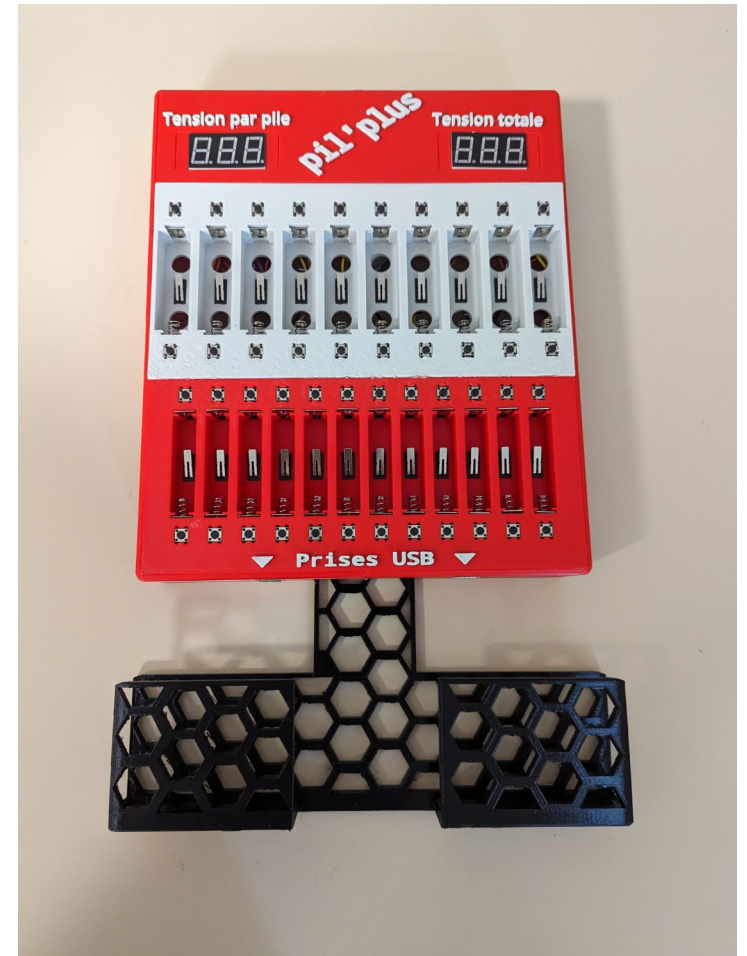
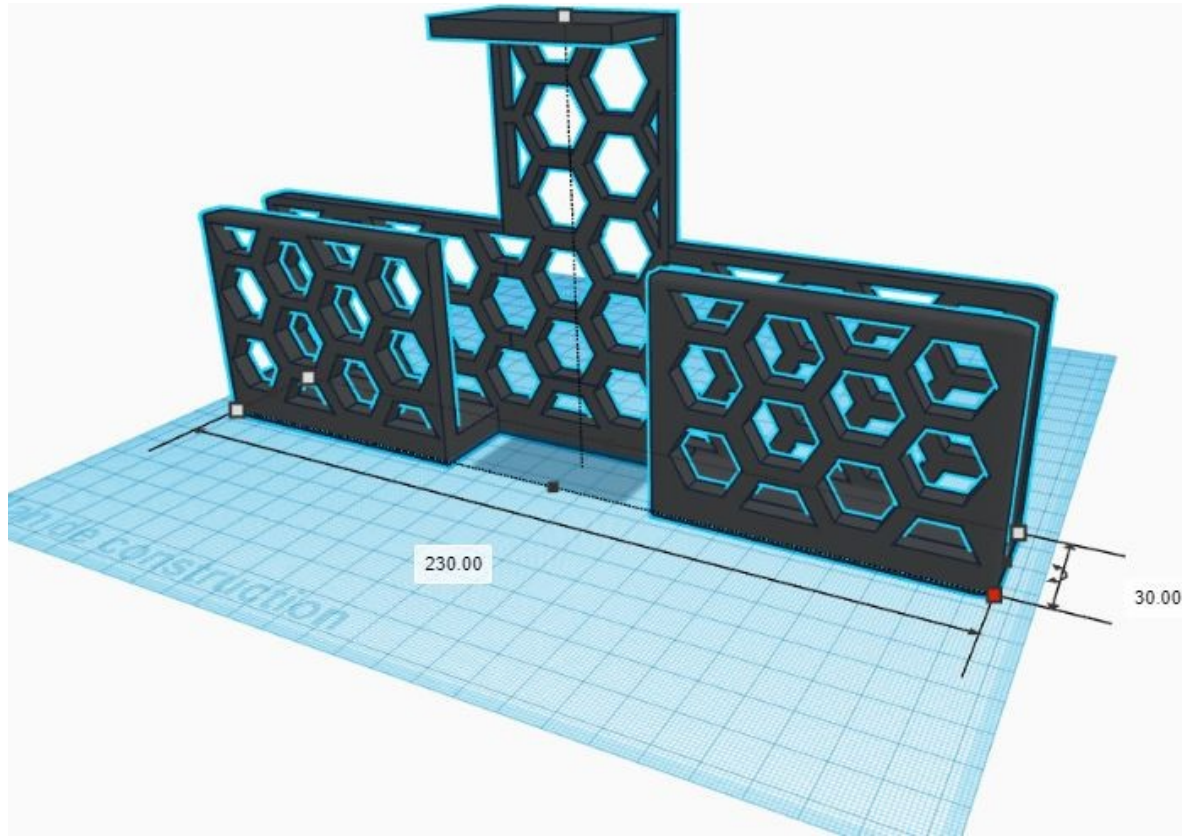
Conception du cadre :



Assemblage final :



Ajout d'un panier pour smartphones



Pil'Plus dans le hall du collège

