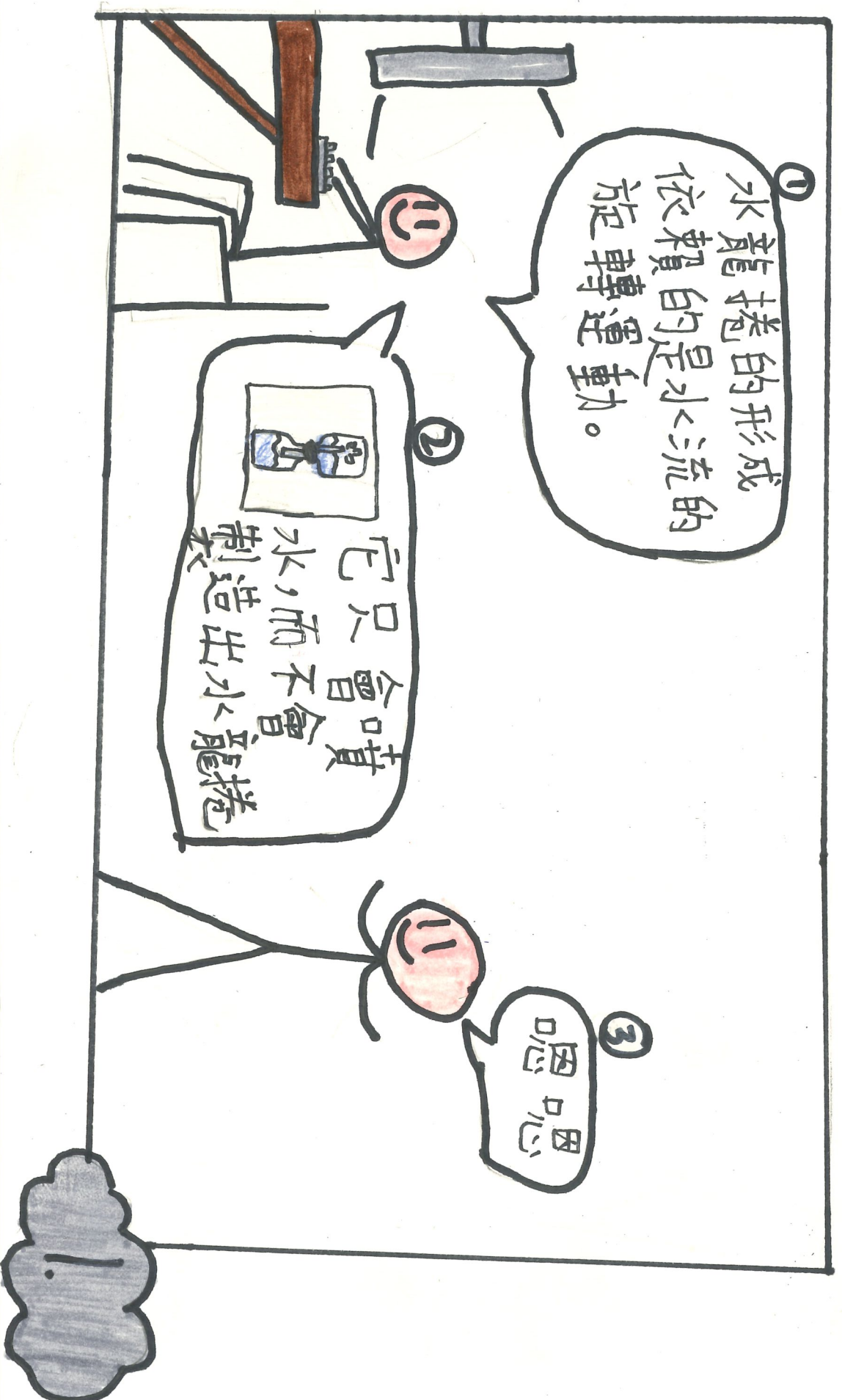
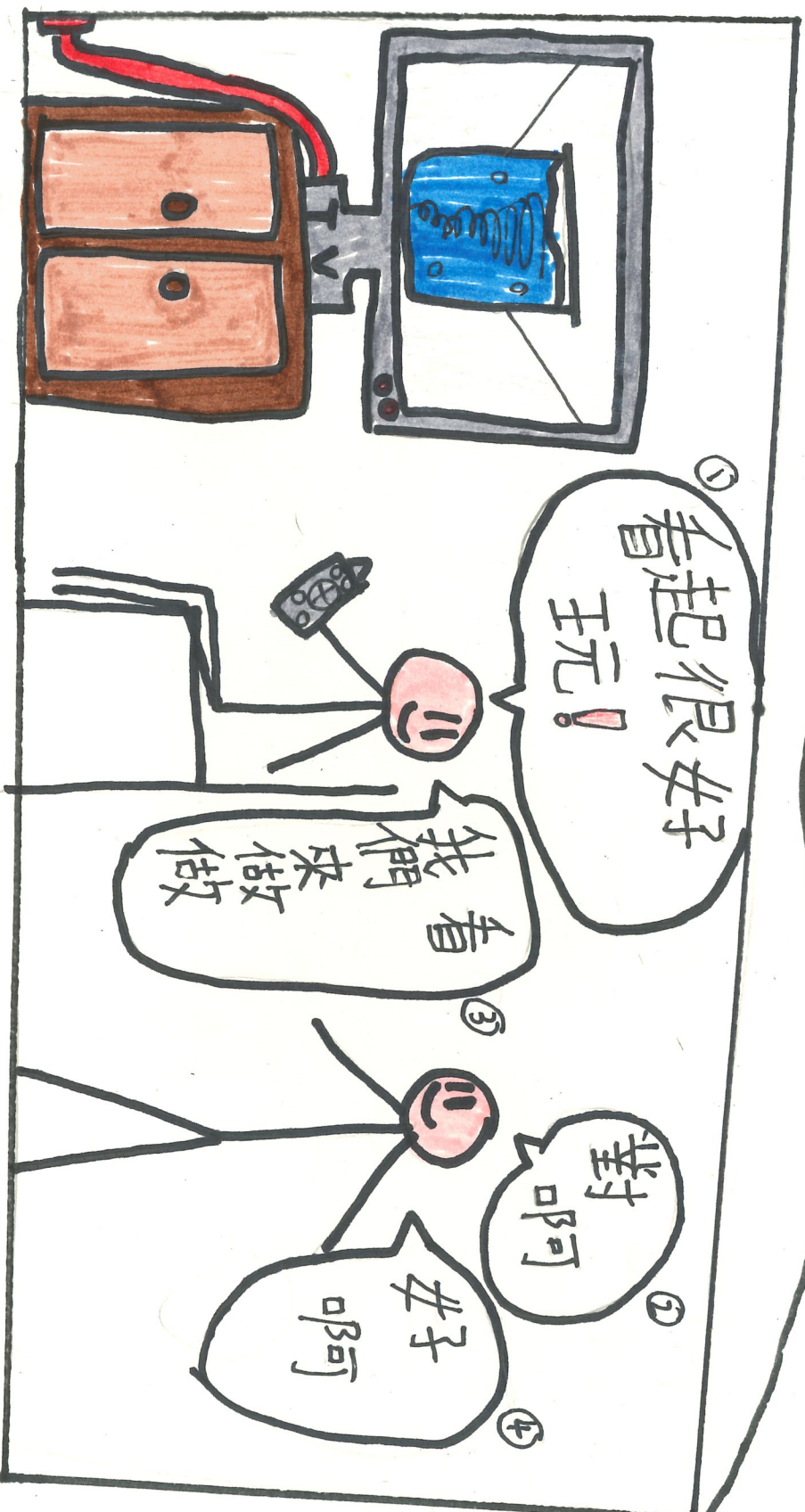


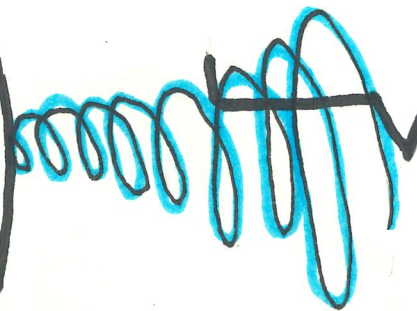
水中旋風

作者：李昱緯、謝承晏、許勝玟



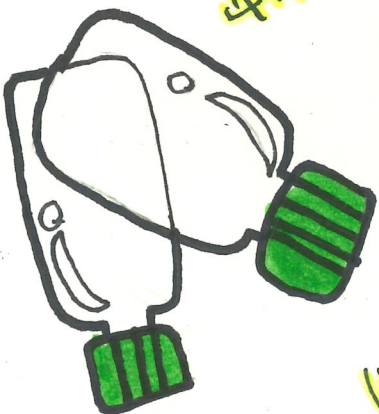
實驗目的:

了解「空氣」與「水」的動力

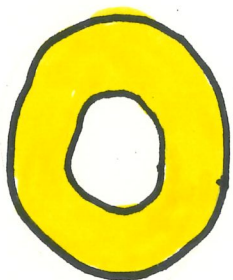


實驗器材

2. 塑膠瓶x2



膠帶

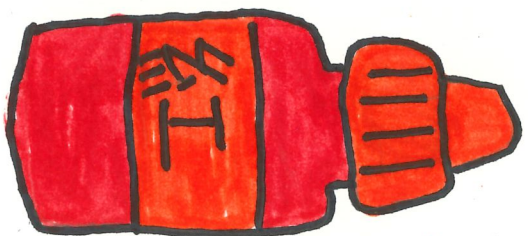


使用美工刀時
! 使用小心!

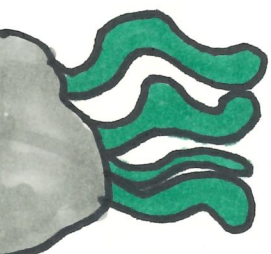
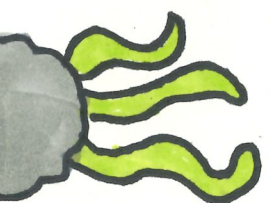
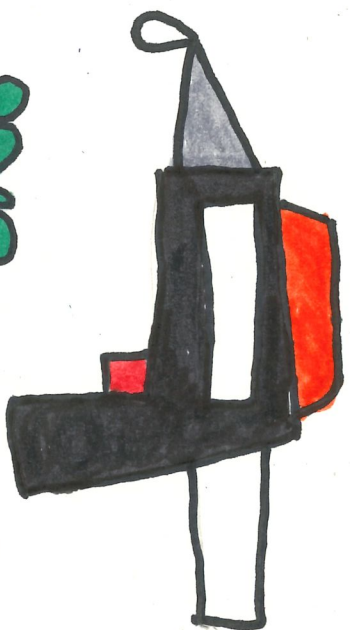
4. 美工刀



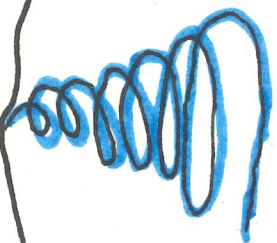
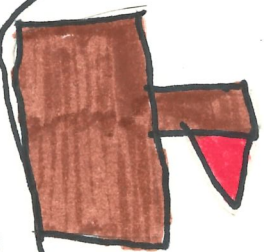
3. 食用色素
/ 顏料



5. 熱熔膠



寶馬牌牛耳叉



1. 將兩個寶特瓶蓋中間挖洞(約1公分)並用膠帶捆好固定。

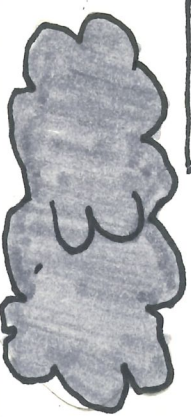
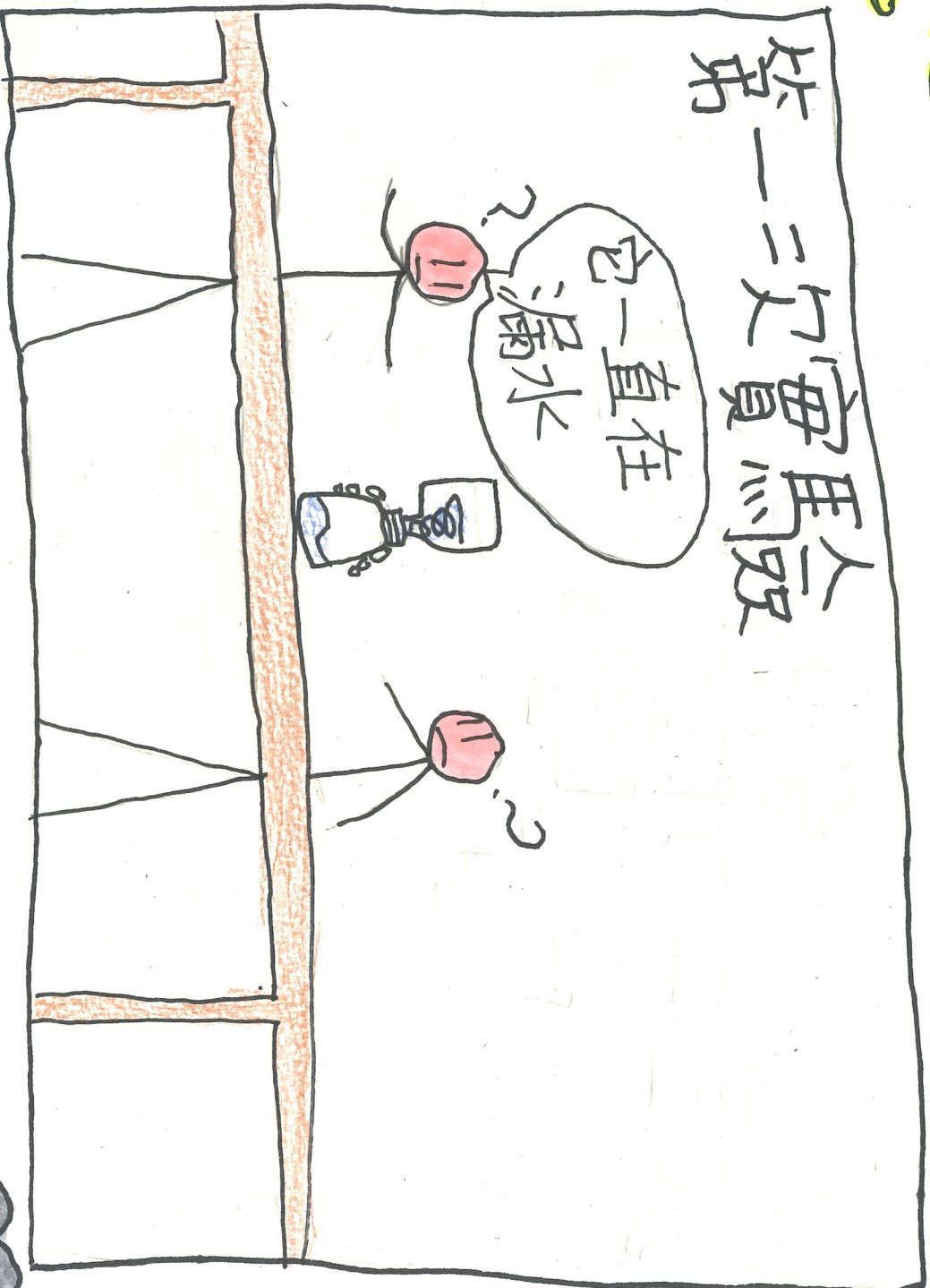
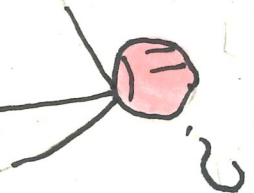
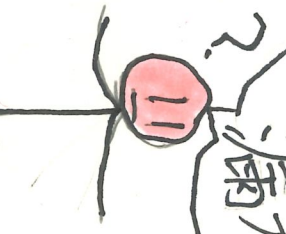
2. 把水和食用色素倒入寶特瓶中均勻混合。

3. 連接兩個寶特瓶觀察水流動的方式。

第一次寶馬牌

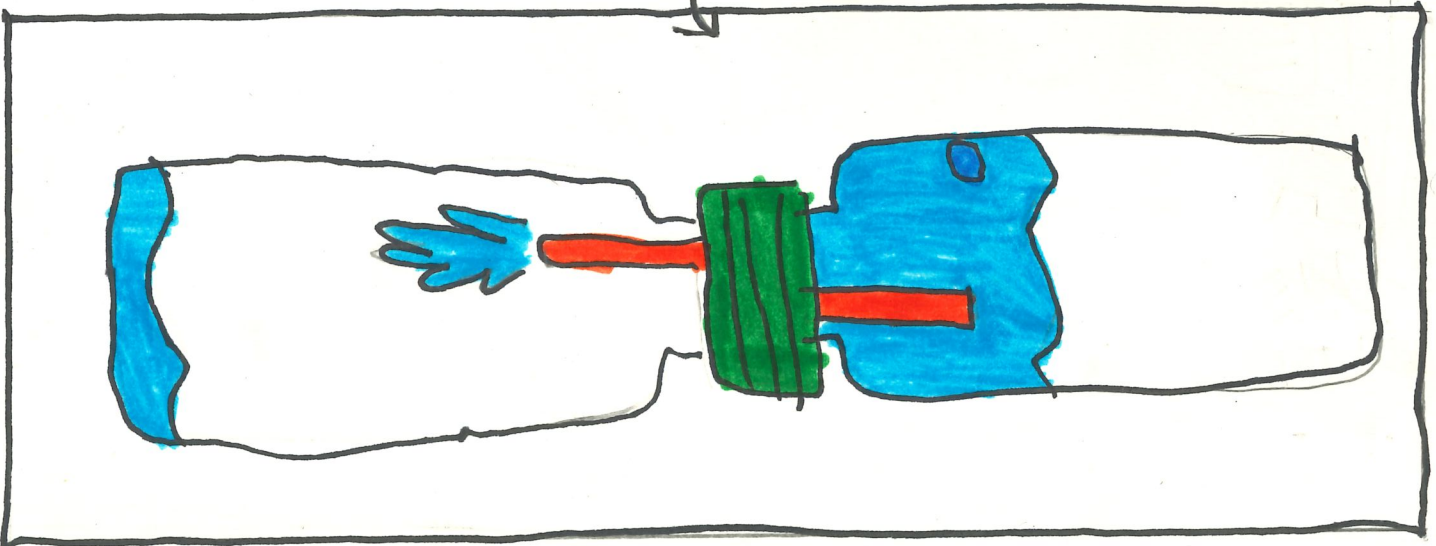


它一直在漏水

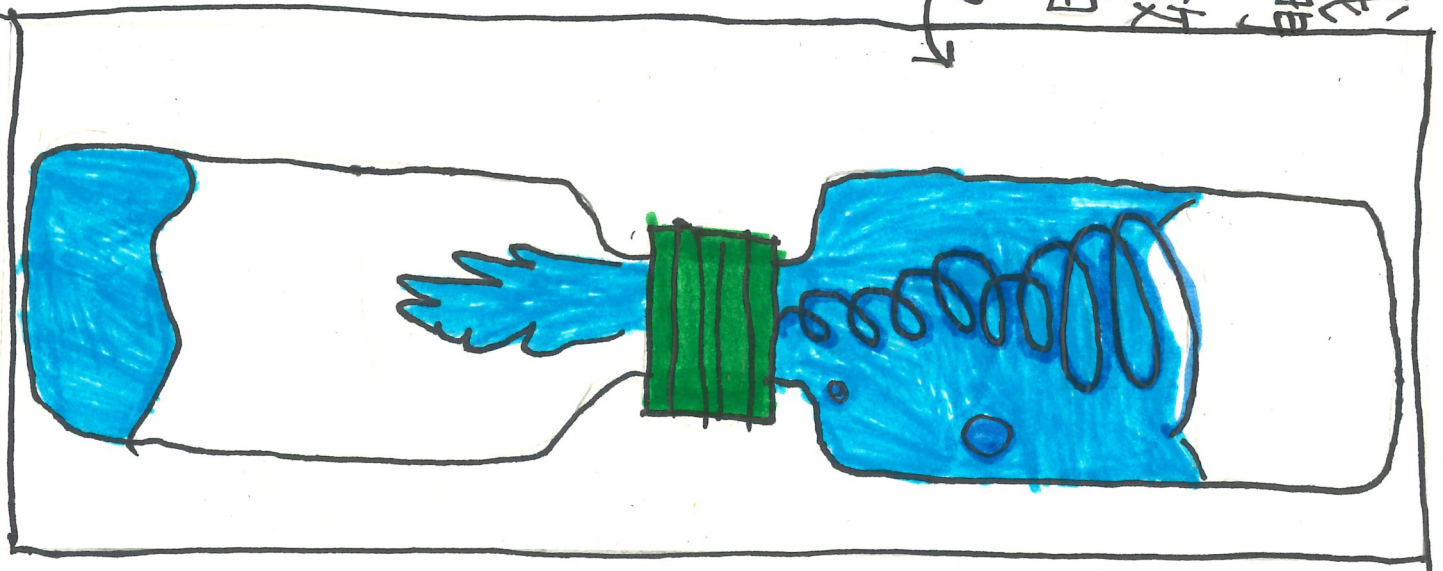


實驗結果

我們參考的



我們做的

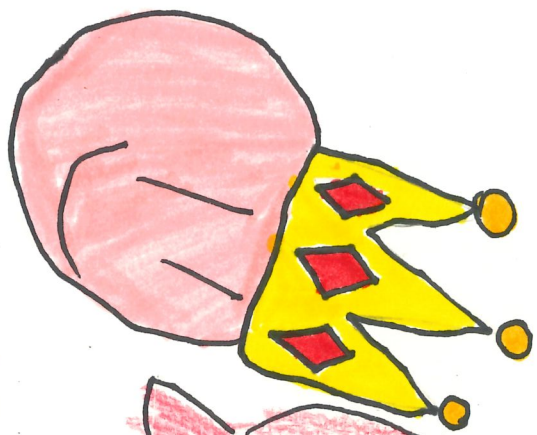


我們參考的只會噴水而不會製造出水龍捲，所以我們三個把它改成右邊的

我們把參考的吸管拔掉就可以製造出水龍捲，所以實驗是成功的



實馬頌結語



水在沒有空氣流動的情況下
阻擋水流動，所以
水不會流下來

可是只要經由旋轉的離心力
製造出空氣與水的流動空間，
水就尤能快速流下來囉！



我們的實馬頌結束了！

THANK

YOU