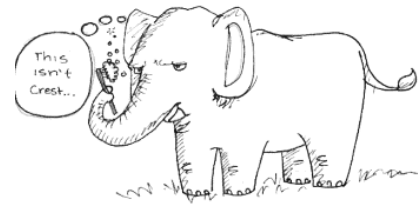
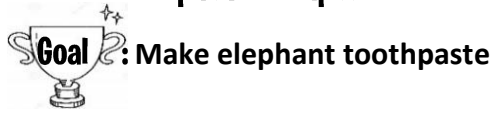


Elephant toothpaste



Equipment :

-safety goggles



-lab coat



Compounds :

-liquid soap



- potassium permanganate solution

-hydrogen peroxide



-colouring

Glassware :

-conical flask

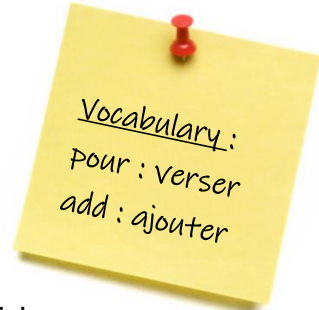
- basin (= bassine)

-graduated cylinder

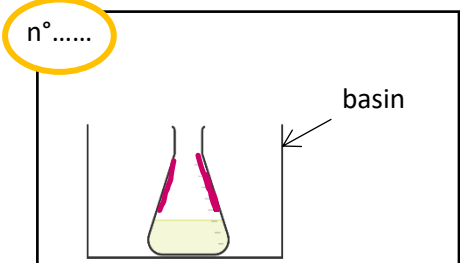
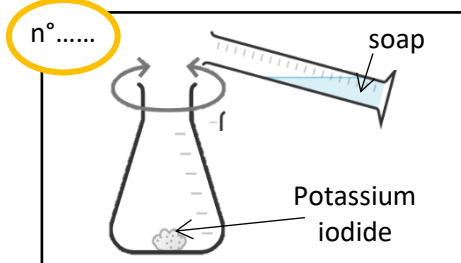
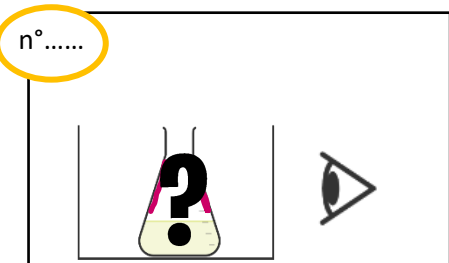
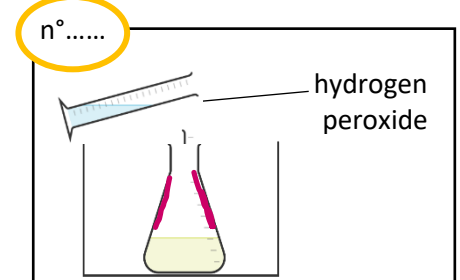
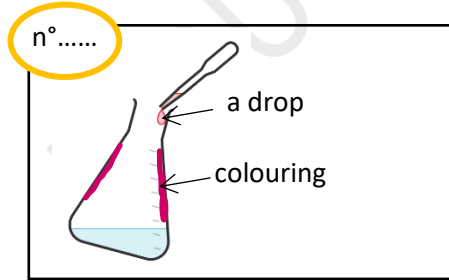
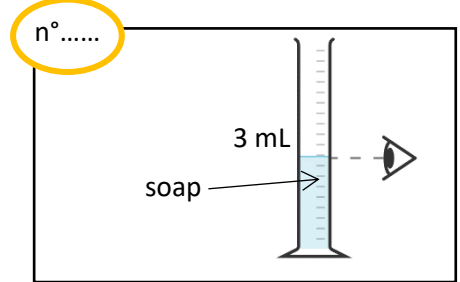
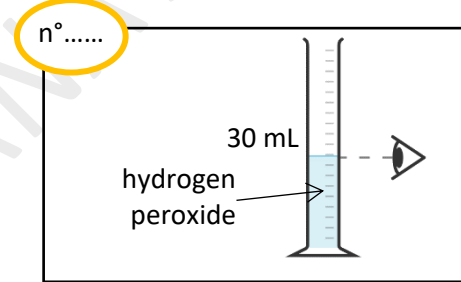
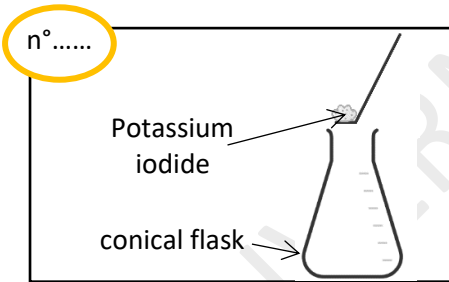
-pipette if needed

Protocol of the elephant toothpaste experiment :

1. With a, pour a small quantity of potassium iodide into the conical flask.
2. Measure 3mL of soap with a
3. Add the soap into to the conical flask and gently mix.
4. Add 3 or 4 drops of colouring onto the sides of the conical flask.
5. Put your conical flask into the basin.
6. Measure 30mL of hydrogen peroxide in a
7. When you are ready, add fast the hydrogen peroxide in the conical flask.
8. Observe and write your observations.



1) TASK : Number the schemes with the right step.

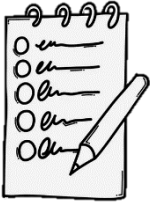


2) Wear your protections (goggles, lab coat.....) at all time !
DO NOT touch products !



3) Perform the elephant toothpaste.

4) Write down your observations :



.....

.....

.....



5) **BONUS activity**

Light a splint and approach it inside the foam.
What can you see ? What can you conclude ?

.....

.....

6) **Put everything into the sink and rinse it well !**

7) When finished, remove your lab coat and safety goggles.

