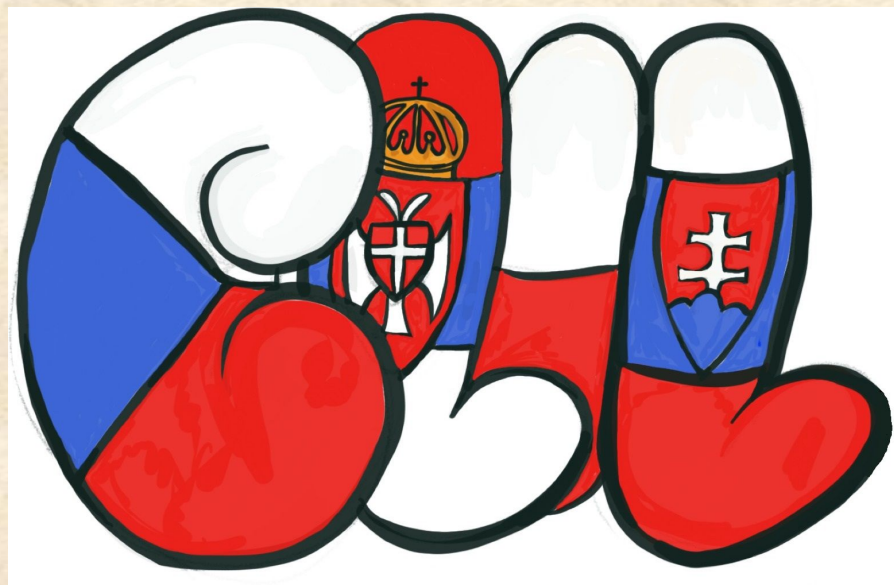


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Numer projektu: **2019-1-CZ01-KA229-061391**

Tytuł projektu: **"CLIL ponad granicami - baw się i ucz"**



Soap bubbles



Materials:

Bubble mixture:

- a bowl,
- 210 ml of warm water,
- 4 tablespoons of dish soap,
- a few drops of glycerin or a teaspoon of baking powder,
- a tablespoon.



A paper bubble cone:

- a sheet of paper (A4 format),
- scissors,
- sticky tape.



Procedure

Bubble mixture

- Add the dish soap to the bowl of water.



- Mix gently with a tablespoon, being very careful not to create a froth.

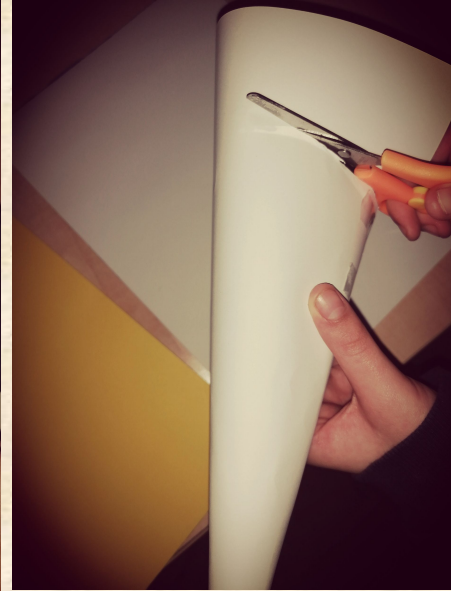


- Then add glycerin and mix again gently.



A paper bubble cone

- Roll the paper at an angle, making the tip of the cone.
- Use the sticky tape to adhere the cone, cut off the excessive piece of paper.



Bubble time!

- Dip the cone in the bubble mixture and have fun blowing bubbles!





- Additionally, you can dip your finger in the bubble mixture and prick carefully your bubble.

Take it easy! -it shouldn't burst.



Observation

We were able to make soap bubbles from our bubble mixture.



Conclusion

Dish soap lowers the water's surface tension.

On the other hand, glycerin prevents water molecules from evaporating. It prevents the bubble from bursting so easily.

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