

ACTIVITY 1: AIR IS A SUBSTANCE

Objective 1 plastic bottle for the teacher

• Paper

Part 2:

- 2 plastic cups per student
- 1 straw per student
- Water

Procedure –

Part 1

(performed by the teacher)

1. Form small balls of paper.
2. Place the plastic bottle horizontally in front of the face.
3. Put a small piece of paper in the mouth of the bottle.
- 4.

Complementary material

UNED. (2010, February 26). 19-02-2010. *Ciencia en Acción XXXI - El experimento de Empédocles. El péndulo de Wiberforce* [Video]. YouTube. Retrieved February 6, 2023, from <https://www.youtube.com/watch?v=NGbw60ACXwk>.

	Students now have a general understanding of what it feels like to work hard to get enough air into their lungs. Upon completing this activity, students will begin to gain content knowledge about asthma and other respiratory diseases such as pneumoconiosis.
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Complementary material

AirNow.gov, U.S. EPA. (n.d.). *Easy breathers. Air Quality Workshop for Teachers: A Toolkit for Facilitators*. Retrieved February 6, 2023, from https://www.airnow.gov/sites/default/files/2020-10/easy_breathers.pdf

Curiosidades con Mike. (2017, May 31). *¿Fumas? Experimento Casero muestra Efecto en Pulmones* [Video]. Retrieved February 6, 2023, from <https://www.youtube.com/watch?v=DS8-dnc4-4M>.