

The Breathing Machine



Professions: Respiratory Therapist

Grade Level: 3-8

All HOTT lesson plans are designed with the purpose of increasing students' awareness of the variety of health careers that are available to them. If possible, invite the corresponding health professional into your classroom to discuss his/her occupation. If this is not an option, use the attached sheet(s) to share this/these career(s) with your students.

Purpose: The student will become aware of the functions of the lungs in our bodies. The student will learn that air is made up of gases. Also, the student will understand that breathing an exchange of gases takes place in the lungs.

Materials needed:

(Per person)

- 1 clear plastic bottle (20 oz.)
- Clay or play dough
- 1 regular sized balloon
- 1 tiny balloon
- 1 plastic straw
- Rubber bands
- Scissors

Duration: 45 minutes

Instructions: <http://www.lessonplanspage.com/SciencePELungs-TheBreathingMachine25.htm>

References: <http://www.lessonplanspage.com/SciencePELungs-TheBreathingMachine25.htm>

For more information on the occupation of a Respiratory Therapist visit <http://www.bls.gov/ooh/healthcare/respiratory-therapists.htm>

to the U.S. Department of Labor Bureau of Labor Statistics webpage.