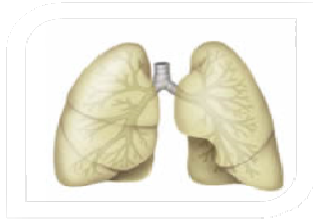


Breath of Life Project-Based Learning



"the LORD God formed the man from the dust of the ground and breathed into his nostrils the breath of life, and the man became a living being" Genesis 2:7 (NIV)

Student Objectives:

The student will be able to

- identify the major structures and functions of the respiratory system
- sequence the steps of inhalation
- create a desktop publishing document to communicate information

Performance Objective

You will collect, organize, and use information on respiration to create a desktop publishing document in the form of a tri-fold brochure using a standard word processing program with graphics.

Introduction

There are a number of diseases and disorders that lead to lung transplants each year. So why would a creature that is created in God's image smoke cigarettes which may lead to a sedentary life if lung conditions due to smoking were to arise?

Here are some facts to consider about your lungs:

- * About 1,000 patients receive a lung transplant each year.
- * Each year, about 4,000 people are waiting for a lung transplant.
- * Over 400 people die each year while waiting for a lung transplant.
- * About 75% of lung transplant recipients survive the first year.
- * A single lung can save a life.
- * One deceased donor can be the source of two lung transplants.

Retrieved from <http://www.organdonor.gov/student/access/organs.asp#lung>

Breath of Life
Project-Based Learning

Constructing Our Publication

It is time to apply your computer skills, designing skills, and desktop publishing skills into saving lives. Using the information gathered in the 3 Internet activities for Respiration (attached), you will create a brochure that advocates the importance of giving up smoking: cigarettes, cigars, and any other product of the inhaling nature.



Here is a checklist to use while constructing your brochure:

Format

- ☐ brochure must be in tri-fold format (6 panels) letter paper
- ☐ landscape orientation, 2 pages
- ☐ ½ in border and 3 columns per page
- ☐ front left panel (Title panel) must have a title, a by-line, and a graphic image
- ☐ as brochure opens inside middle panel should contain the major structures in the respiratory system
- ☐ right front panel contains information on basics of respiration
- ☐ when brochure is flipped to back side, panel behind Title panel contains information on structures that trap and eliminate harmful substances from the air describing how these structures filter air as it is inhaled
- ☐ Middle back panel contains arguments on not smoking-find statistics on lung cancer due to smoking if necessary
- ☐ Back right panel is the "For more information" panel. This will be used as your bibliography panel-use small font.
- ☐ at least 3 clipart images appropriate to the brochure
- ☐ headings on panels with a slightly bigger font then rest of text on panel

Aesthetics

- ☐ all panels should have information in bulleted list, ordered list, or short sentences (make it a legible format)
- ☐ avoid full sentence or paragraph constructions in brochure
- ☐ place your clipart away from borders and avoid bleeding into other panels
- ☐ find a balance between white space on panels and too much information and graphics on a panel

