RESPIRATORY SYSTEM THE RESPIRATORY SYSTEM is LARYNX NOSE . RESPONSIBLE for supplying BRONCHI Mouth YOUR BLODD WITH OXYGEN AND REMOVING CARBON DIOXIDE TRACHEA FROM YOUR ' BLOOD. BREATHING... Lungs DAIR Enters Through Nose or Month DIAPHRAGM 2 TRAVELS THROUGH LARYNX (VOICE BOX) to TRACHEA (AKA WINOPIPE) (3) Then into Your Lungs. esophagus larynx trachea BREAthing is you moving air in lungs + THEN BACK OUT. (DVH) bronchi this HAPPENS WHEN YOUR DIAPHRAGM MUSCLES CONTRACT (inHALE) AND RELAX (EXHALE) WHEN YOU INCREASE owers DRESSU (HEST & Lung Size, pulling Air CARAISES PRESSURE in in Lungs in (LOW PRESSURE) WHEN YOU EXHALE, YOUR CHEST & LUNGS SHEINK (MAKING (Higher PRESSUR FORCING AIR OUT. breathing in breathing out chest chest contracts expands ribs lunc diaphragm diaphragm contracts diaphragm relaxes © 2006 Encyclopædia Britannica, Inc.

Respiratory Anatomy Trachea - (EUS NEED 02 to Bronchioles PROVIDE BODY W ENERGY. - > ALSO NEED to dispose Gas Exchange and Alveoli of their waste (co2) Airway-Bronchial tubes 50... Lung - You BREATHE in Oz Rich Air into Lungs THRough Lined w strong connective TUBE-SHAPED BRONCHI TISSUE to KEEP WALLS FROM COLLAPSING. BRONCHI NARROW to BRONCHIOLES WHICH THEN NARROW to ±600,000,000 tiny, Air filled SACS CallED ALVEOL carbon dioxide blood rich in carbon ALVEOU -D COVERED in CAPILLARY moving into alveolus dioxide from body capillary - A fine BRANCH of BLOOD VESSELS THAT CONNECT TO BLOOD STREAM. - MADE of Epithelial blood rie bronchiole in oxygen alveolus TISSUE -D ONE CELL LAYER from lungs oxygen moving into blood THICK SHORTER DISTANCE BETWEEN O2 RICH AIR & CO2 RICH BLOOD AKA -D'EASIER FOR DIFFUSION - THE AIR IN THE ALVEOLI HAS A HIGH CONCENTRATION OF O2 AND A LOW CONCENTRATION OF (02 - THE BLOOD in the Capillary (suproving the Alveoui) HAS A LOW CONCENTRATION OF O2 AND A High concentration of (0,

