

# Respiration Simulator

The given project explains the concept of respiration in humans with the help of 2 frames:

Frame 1: The outline of Respiratory System explaining inhalation through nostrils, movement through bronchi and bronchioles into lungs of an oxygen molecule and exhalation of carbon dioxide through reversed path.

Actions:

- Left Click to move to next frame

Frame 2: A 3D simulation of gas diffusion between alveoli and blood capillaries showing conversion from deoxygenated blood (red) to oxygenated blood (blue).

Actions:

- Left Click to Zoom In
- Right Click to Zoom Out
- 'R' to reset position
- Left, Right, Up and Down Arrow keys to rotate the model