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| What is the role of the trachea? How does the structure help with the role? | What is the role of the bronchi? Anything with homeostasis? |
| What is the role of the pleural membrane? Homeostasis? Immune? | Why is there space between the pleural membrane and the lung? |
| What is the flap that prevents food from entering the trachea? | What parts of the respiratory system has cilia? |
| What roles do the alveoli have? Why does the shape cause efficient functioning? | What is internal respiration? Explain movement. |
| What is external respiration? Explain process. | How does partial pressure impact gas movement? |
| What part of the brain regulates breathing? How does it do this? | What are the three types of haemoglobin? |
| What is our oxygen maximum percentage? What if it goes <90%, <80%? | What are the three ways CO2 is carried back to the alveoli? Include % of each. |
| What are the names of the muscles that regulate breathing (2)? | What are 3 disorders or illnesses that impact our respiratory system? |
| What causes a change in the pH of our blood? What if it is too high? To low? | How does exercise impact our breathing rate? Explain process |
| How does holding your breath impact our breathing rate? How does your body respond? | What is haemoglobin? What does it do? |
| What are the main homeostatic issues for the respiratory system? How are they monitored? | What are the % of gasses we breathe in and we breathe out? |
| What is glycolysis? What is the reactant? What is the product? | Why is oxygen important in the body? What happens without |
| What is the Kreb’s cycle? Where does it happen? What is the reactant? What is the product? | What makes the electron transport chain? Where? Why? |
| What are ATP and ADP? Explain where they are used/made? Why? | What happens when you purge? How does this impact your body? |
| What happens in the electron transport chain? | What are the baroreceptors and chemoreceptors for the respiratory system? Where? What do they do? Why? |