

# SNC 2P - 2020-04-28 (Tuesday)

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Good Afternoon:

Hope you are all well.

Please check in: <https://forms.office.com/Pages/ResponsePage.aspx?id=GAmPRLReCU2WCd35yhGvQuASPjs6aYVfk-EAh60FvohUMkIFQ0VKUUhERUYyQzICV09GMEFVU1ZUUyQIQCN0PWCU>

The goal today is to pick up where you left of yesterday on: [https://lah.elearningontario.ca/CMS/public/exported\\_courses/SNC2P/exported/SNC2PU01/SNC2PU01/SNC2PU01A04/\\_content.html](https://lah.elearningontario.ca/CMS/public/exported_courses/SNC2P/exported/SNC2PU01/SNC2PU01/SNC2PU01A04/_content.html)

Go to the section heading:

## The Air You Breathe

Watch the video.

Do NOT worry about the box called "What Does This Word Mean?"

Click on the black bars to see what each section contains. Answer these question, one per section. Please note that these question have more than one part and that they are more difficult than yesterdays questions. Please do as much as you can and please use full sentences. The marks shown are for answers only. Sentences are work 10 today!

1. Respiratory System: Give the sequence of places that an oxygen molecule will pass through on the way to the alveoli.
2. Alveolus: What do red blood cells pick up in the alveoli? What do red blood cells drop off in the alveoli?
3. Blood Carrying Oxygen: What colour is blood that comes from the lungs? What colour is blood that has come from the body? Can you account for this difference?
4. Blood Cells: What is the name of the chemical reaction that the cells of your body require oxygen for? Write the word equation for this reaction (hint: starts with the work glucose).
5. Arteries: What is the name of the vessels that go into the tissues and complete the connection between arteries and veins? Where does the gas exchange of oxygen and carbon dioxide take place?
6. Blood Carrying Carbon Dioxide: Looking at the diagram, for the right side of the heart, where does the blood come from and where does it go. For the left side of the heart, where does the blood come from and where does it go?

7. Lungs: The air leaving our lungs contains carbon dioxide. Where does it come from? What is the name of the chemical reaction that produces the carbon dioxide?
8. Bronchioles, Bronchi and Trachea: No questions for this one!!

Please take your time and answers thoroughly.

Have a good day and stay safe!

**Mr. Schlenker**

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