

Year 8 Science: Home Learning Week 2

Hello Year 8! I've planned a list of science activities to revise topics that we've covered so far this year. This week focuses on Respiration. Work can be completed on a computer or written down on paper, the choice is yours.

Stay safe & stay well

Miss Johnston ☺

Task	Description
1	Visit this website: https://www.bbc.co.uk/bitesize/guides/zq349j6/revision/1 Read the information, watch the videos then test your understanding with the quiz.
2	Write down the word and symbol equation for respiration
3	Explain how we get glucose into our body and into our cells
4	Write a paragraph explaining the importance of the circulatory system in respiration
5	Draw and label a scientific diagram of the heart and lungs. Extension challenge: use the diagram to explain the concept of gaseous exchange
6	Plan an investigation to show how your pulse rate changes with exercise. You must include: <ul style="list-style-type: none">• Independent Variable (What you change)• Dependent Variable (What you measure)• What will you keep the same• Method for your investigation• Prediction of what you think will happen in your experiment You should carry out your investigation and record your findings.