

# ***Besto Group of Companies***

Dear Boys and Girls

According to your teacher you have studied three body systems; the digestive system, the respiratory system and the circulatory system. After this work you are required to demonstrate understanding of this statement ...

*I have explored the structure and function of organs and organ systems and can relate this to the basic biological processes required to sustain life.*

It is your job to describe the three body systems above and their main parts and how they work together to perform the important biological process of **respiration**.

To successfully show you have understood the work in this unit we invite you to do the following;

## **Part 1**

- i) Provide an explanation, using words and diagrams, explaining what respiration is and why it is necessary to sustain life. You can use chemical formulae for the molecules involved in respiration if you wish.
- ii) A description using diagrams, words and pictures of each body system and main parts including their function within the body.
- iii) Explain how the structure of the lungs makes gas exchange more efficient. Or you can choose another organ within another body system and ask answer a similarly worded question.
- iv) Using words, diagrams and pictures or any other method explain how these three systems work together in helping the body perform respiration.

## **Part 2**

At Besto we are always creating new drugs and devices to cure ailments. We were behind the technology for the pace maker and defibrillator for example and other drugs. Find out about a health problem and what is done to cure it or improve the quality of life of those who suffer from it.

## **Submission**

You can work together and present your work in groups. The work can be posters, booklets, power points. A project with a graph or chart always looks good in a serious scientific work.

We are very busy just now so it will not be possible to come to school to assess the work or attend presentations but any work that can be transferred electronically to us is most welcome. We will send you a similar task to for your current course. Good luck with this important task.

AAJM (Chief exec)