

St. Peter's Catholic High School & 6th Form Centre
GCSE science: B4 Level Assessed Task Sheet

How is blood sugar level controlled?

Introduction

Medical centres often have leaflets to give to patients, who have been newly diagnosed with a particular disease, essential information. These leaflets explain the causes of the disease they or their relatives are suffering from, and how to treat it. These are written for ease of understanding of all.

Your task:

You have been asked to make an information leaflet for newly diagnosed diabetic patients. You will need to explain the differences between Diabetes Type 1 and Type 2. Make sure the leaflet is easy to understand by including diagrams and defining the key words. The leaflet should include the following:

- Explain how the body usually controls the amount of sugar in the blood.
- Explain what causes diabetes.
- Describe the symptoms of diabetes.
- Describe and explain the treatment of diabetes.

Key words

Blood sugar level, diabetes, diabetic, glucose, glycogen, hormones, hypoglycaemic, insulin, obesity, pancreas, homeostasis, negative feedback.

To get grade	You need to:
E	<p>Design a simple patient information leaflet for Type 1 or Type 2 diabetic patients. State simply how the body usually controls the blood sugar level. State simply what the cause(s) of diabetes can be. List the symptoms of diabetes. Describe simply how the patient will need to treat their diabetes to keep healthy. Use simple key words correctly. Write your ideas in simple sentences. Use and list one source of information.</p>
C	<p>Design a clear and scientific patient information leaflet for Type 1 or Type 2 diabetic patients. Describe how the body usually controls the blood sugar level. Use a diagram to show how blood sugar level is controlled. Describe simply what the cause(s) of diabetes can be. Describe the symptoms of diabetes, explaining at least one of them. Describe how the patient will need to treat their diabetes to keep healthy. Use most key words correctly. Write your ideas in all your own words, using proper sentences. Use and list at least two sources of information.</p>
A	<p>Design a clear and scientific patient information leaflet for Type 1 and Type 2 diabetic patients. Explain how the body usually controls the blood sugar level. Explain what the cause(s) of both types of diabetes can be. Describe in some detail the symptoms of diabetes, explaining a range of them. Describe how the patient will need to treat Type 1 and Type 2 diabetes to keep healthy. Use all the key words correctly and fluently. Write your ideas in all your own words, using proper sentences and paragraphs. Use and list at least two sources of information.</p>