Activity sheet

Unit 1 checklist

Name:

Class:

At the end of this unit you should know, and be able to describe and explain, the following.

	Tick
State the requirements for a living cell.	
Identify the body systems that supply these requirements in a complex organism.	
Define what is meant by homeostasis and set point.	
Identify the cells that assist with maintaining homeostasis.	
Give an example of homeostasis in a number of different species, including humans.	
Differentiate between diffusion and osmosis.	
Explain how the respiratory system maintains a constant level of carbon dioxide in humans.	
Explain how the excretory system maintains a constant level of water, solutes and blood pressure in humans.	
Explain what a negative feedback system is and give examples.	
Explain the roles of the nervous and endocrine systems in coordinating bodily functions.	
List some examples of hormones in plants and animals and explain their effects.	
Explain what a reflex arc is and give an example.	
Explain how a message moves along the nervous system from receptor to effector.	
Compare and contrast the nervous system and the endocrine system.	

At the end of this unit you should know how to do the following.

Write a persuasive essay.	
Create and maintain a blog.	
Draw flow diagrams to show how body systems work together to maintain homeostasis.	
Perform a kidney dissection safely.	
Create a model (virtual or physical) of a feedback system.	
Analyse data.	
Draw and label a neuron.	