

# HUMAN BIOLOGY

## SCIENCE BADGE SAMPLE ACTIVITY SHEET

This is a sample Human Biology Activity Sheet only. Its main purpose is to show you some of the interesting activities that you can do when you choose this badge. Also, you can use this sample sheet to start doing the badge activities, while your teacher is sending away for the full activity sheet and badge. If you have completed some of these activities before your full sheet arrives, your teacher can mark this sheet, then transfer the marks to the full activity sheet.

Rating		Exercises in Human Biology	Teacher's initials and date
3	*	Why is insulin needed for bodily function? Draw and explain the feedback control system for insulin production.	
6	*	NZ has a high heart disease rate. Make a pamphlet or digital presentation listing 3 different heart diseases and explain what people should do to reduce the chances of suffering from these diseases.	
7	***	Make a labelled model of the human eye, explaining the role of each part.	
15	***	Find out how much sugar there is in 10 foods or drinks such as fizzy drinks, hot chocolate, snack bars or an orange. Use this information to make a display for your class with a picture of the item plus a small plastic bag containing the amount of sugar found in 100g or 100mL.	
16	***	Using a real human tooth, if possible, otherwise a piece of chalk, investigate the effect of vinegar, soft drink, lemon juice etc on the tooth/chalk when left in the solution. Explain from your results what effect these substances would have on teeth. How does sugar contribute to tooth decay?	

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