



**SCIENCE
BADGE**

AWARD TRUST

EPIDEMIOLOGY

This is a sample Environmental Science 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.

Sample Epidemiology Activity Sheet

Rating	Epidemiology Science Activities	Teacher's initials and date
1 *	Define the word pathogen with examples.	
2 **	Create a poster describing the role of epidemiologists. Highlight at least four different kinds of epidemiology such as veterinary, environmental, occupational, forensic.	
4 ***	Design a method to track the health of people moving in and out of a classroom. This system must be able to identify every potential contact within the class if someone were to get a disease.	
7 ***	Design and make a face mask to reduce the spread of viruses in the air. Explain the steps you have taken that will ensure your design will have the best chance at protecting against airborne viruses.	
21 *	Write a letter to the government outlining how they could improve how children are told about a pandemic. For an extra star, send your letter and provide a copy of any response you receive.	