



**SCIENCE
BADGE**

**SCIENCE
AWARD TRUST**

GENETICS

This is a sample Genetics 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 Genetics Activity Sheet

Rating	Genetics Activities	Teacher's initials and date
6 *	What is a eukaryotic cell? Draw a diagram of a eukaryotic cell and label the main parts.	
8 *	Research Dolly the sheep. Explain why she was significant.	
16 **	Make a model of a chromosome and label the key parts.	
18 **	Write a short biography on Gregor Mendel. Explain the experiments he did on peas and what they showed.	
23 ***	Design and conduct an experiment around people's taste of coriander. What does genetics have to do with this?	
25 ***	Draw the three fingerprint patterns. Take the fingerprints of your class members or friends and family. Allocate them to one of the three main groups. Investigate if fingerprints are inherited and explain your findings.	