



**SCIENCE
BADGE**

**SCIENCE
AWARD TRUST**

WOOL SCIENCE

This is a sample Wool 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 Wool Science Activity Sheet

Rating		Exercises in Wool Science	Teacher's initials and date
1	*	Describe 5 sheep breeds found in N.Z. and the particular type of wool each provides.	
7	**	Why is wool greasy? Show on a poster how the grease is produced, how it affects the wool and what it is used for after it is removed from the wool through scouring.	
11	*	What happens to the fleece as the sheep ages?	
16	***	Dye some samples of raw wool with natural materials, and mount your samples on a display card with a description of the methods you used. You might consider using onion skins, flax root, tree bark, leaves or other materials. If you do not have access to raw wool, use white knitting wool (with no synthetic component).	
19	**	Mount a display showing wool used in several different ways e.g. knitting, crocheting, weaving, carpets etc.	
20	*	What effect does hot water have on wool. Measure exactly 1 metre of knitting wool. Boil for 5 minutes and remeasure. Describe what happens.	

SCIENCE BADGE - SCIENCE AWARD TRUST©