

ENVIRONMENTAL SCIENCE

SCIENCE BADGE SAMPLE ACTIVITY SHEET

This is a sample 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 Environmental Science | Teacher's initials and date |
|--------|-----|--|-----------------------------|
| 1 | ** | Produce a leaflet explaining what CFCs are and their source. Find out the effect CFCs have on the ozone layer. Show what occurs on a diagram. Explain why the ozone "hole" has been such a problem. | |
| 3 | ** | What is causing the increase in atmospheric carbon dioxide? Make a publicity pamphlet to inform people on what THEY can do to reduce the amount of carbon dioxide being produced. Try to include diagrams or cartoons | |
| 7 | *** | Use a simple electronics kit to design and construct a system for measuring an outdoor variable such as temperature or radiation. Measure your results for a suitable period of time and write a report, including photos or diagrams of your equipment. | |
| 8 | *** | Design a survey sheet to find out what people know about the various forms of pollution. Survey 10 people and report your results. | |
| 14 | * | Pesticides are found in many homes, in fly sprays, garden sprays, flea collars etc. Write a report on those found in your home (or in your local supermarket). List the active chemical present and any precautions that should be taken when using. Try to look at more than four different products. | |

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