

Date: 21/5/01

Title: Discovering DNA "The Recipe for Life"

Contents

- ◆ A neat activity book containing all the instructions to give a workshop in the classroom about how DNA provides a recipe for each of us to be alike (humans) and different (due to our DNA "recipe").
- ◆ Contents of the book: Curriculum links, Timed guide to running the workshop (about 2 hours), the activities, worksheets, teachers notes, parents notes.
- ◆ The activities are: Making a cake, The "Recipe for Life", An introduction to cells, DNA-a chemical recipe, Exploring DNA- looking at onion DNA, Exploring DNA-cartoon fun, The living DNA molecule.
- ◆ There are a good variety of activities including choosing the correct cake ingredients to make a particular recipe, extracting onion DNA, talking about differences between people, making cartoon faces and seeing how a different face has a different recipe, pairing exercises with each child being a "base" (A, T, C or G).

Age range: 11-14, or as extension material for 9-12

Ability: All

NC. AT's: KS3 Life processes and Living things 1b, 1c, 4a 4b

5-14 Environmental studies: Stages P7-S2 Understanding Living things and the Processes of Life- variety and characteristic features, the process of life

In addition the pack can be used at KS2, Stages P5-P8 and at KS4 as reinforcement material.

Cost: Free

**Address where resource can be purchased:
The Schools' Liaison Service
BBSRC
Polaris House
North Star Avenue
Swindon
Wiltshire
SN2 1UH**

**Tel:- 01793 413302
Fax:- 01793 413382**

Good points: A very easy to use resource. Each section is short and concise. Very uncluttered photocopyable worksheets that could be enhanced by the teacher.

Bad points:

How it was used: This is an excellent example of a resource that should only take the recommended 2 hours and is probably best used like this. The class is split into 4 groups for the workshop but they are all doing the same activities.

Pupil response:

Why I like it: A really simple approach to a tricky concept.