

SCIENCE WORKING 4 U

Medicine and Man

A collaborative project between the Biology Department of the Sixth Form College and the Science Faculty of Staffordshire University

Over the past three weeks, twenty five students studying Biology at the Sixth Form College have attended a course called 'Medicine and Man' in the Mellor Building of Staffordshire University.

The programme of five half day workshops has been designed to extend our students' current biological knowledge and to show how it is used in the medical field. Each session included practical activities and a talk by a scientist working in the Health Service.

The programme included: The control of infective agents, Genetic analysis, Membranes and cell dysfunction, Biomedical case study, Evolutionary Biology.



**Pictured above students study the Genetics Analysis
with Dr Rob Manning and Dr Harry Mountain.
Exploring DNA Fingerprinting.**

Laura Hand, formerly of Wolstanton High School said:

“It was exciting to get the opportunity to use the specialist practical equipment and to work in the university laboratories. It was very useful to see how the topics we are studying fit into real jobs.”

Hastings Kandaya, formerly of Brownhills High School said

“I enjoyed the problem solving activities and am now researching courses in biomedical science to study after college.”

All students involved have included the course in their personal statement which. Back in the classroom the students are producing a powerpoint slide about a career other than medicine that utilises biology. The slides will be printed as posters so they can be displayed for other students to see in the science department at College. Each student will be presented with a Certificate of Achievement at the end of the course.

The project has been an important step forward in working closer with the science department of Staffordshire University. It has raised student aspirations and made them more aware of the applications of science in the modern world.

