

## Upper 6 carry out a simulation of genetic fingerprinting



Upper 6 students are currently studying the topic of Modern Genetics which looks at the current molecular techniques to study genetic diseases, mutation analysis and genetic modification. As part of this topic, students are expected to learn the method and the uses for genetic fingerprinting. This technique is used for crime analysis as well as paternity testing. They were given a mock scenario where they had to work out the complexities of events in a surrogacy situation. Using a simulation of genetic fingerprinting, they were able to understand the role of restriction enzymes, gel electrophoresis, and DNA probes. It really helped to consolidate the techniques so they are now ready to tackle the examination questions on this topic.

You may also spot our frequent visitor to our Sixth Form biology lessons in one of the pictures above. Cherry thoroughly enjoys her time with the class and tries her hardest to investigate what is going on.

Dr Sara Newton