

## Curriculum Links for: ABPI Human Genome Project

### SCOTTISH BIOLOGY QUALIFICATIONS

Advanced Higher	C007 13	Unit Cell and Molecular biology <ul style="list-style-type: none"><li>d Applications of DNA Technology</li></ul>
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### SCOTTISH BIOTECHNOLOGY QUALIFICATIONS

Intermediate 2	C008 11	Unit 3 Biotechnology Processes <ul style="list-style-type: none"><li>b pharmaceuticals</li></ul>
Higher	C008 12	Unit 1 Microbiology <ul style="list-style-type: none"><li>c Genetic engineering</li></ul> Unit 3 Biotechnology <ul style="list-style-type: none"><li>b Biotechnology applications</li></ul> 2 Clinical and forensic medicine applications

The '**Human Genome Project**' contains an animated diagram showing how DNA sequences are determined, as well as information and activities based on the project and ethical issues raised by the knowledge it generates. Students are encouraged to reflect on:

- the millions of base pairs that make up the human genome
- the efforts of scientists and technologists around the world deciphering the human genetic code
- the potential benefits that understanding human genome will bring and the issues that will need to be considered