# *Investigating patterns of inheritance* Digital content

### Further lessons and activities

‘Genetic diagrams and pedigree analysis’ BBC Bitesize - GCSE Biology website, <http://www.bbc.co.uk/education/guides/z3g2pv4/revision/1>

### Learning object

‘Mouse Genetics – One Trait’, Life Science, ExploreLearning.com (Accessed via Scootle L8990) <http://www.scootle.edu.au/ec/viewing/L8990/index_449.html>

The Mouse Genetics (One Trait) activity allows students to conduct virtual breeding experiments similar to Mendel’s pea plant experiments. Along the way they will discover how traits are passed down from parents to offspring.

### PowerPoint

[Investigating patterns of inheritance](http://assist.asta.edu.au/sites/assist.asta.edu.au/files/PowerPoint_Yr10_Patterns%20of%20inheritance.pptx) PowerPoint.

### Lesson resources

### Activity – A tour of basic genetics

‘What is Heredity?’ Learn.Genetics, Genetic Science Learning Centre, University of Utah website <http://learn.genetics.utah.edu/content/inheritance/intro/> (2004)

What is a Trait? Learn.Genetics, Genetic Science Learning Centre, University of Utah website <http://learn.genetics.utah.edu/content/inheritance/traits/> (2004)

What is DNA? Learn.Genetics, Genetic Science Learning Centre, University of Utah website <http://learn.genetics.utah.edu/content/molecules/dna/> (2004)

What is a Gene? Learn.Genetics, Genetic Science Learning Centre, University of Utah website <http://learn.genetics.utah.edu/content/molecules/gene/> (2004)

What is a Chromosome? Learn.Genetics, Genetic Science Learning Centre, University of Utah website <http://learn.genetics.utah.edu/content/chromosomes/intro/> (2004)