



Level 7 & Level 8 Biology Weblinks & Additional Activities

Statistical Activities

File Name

- Analysis of Variance
- Chi-Squared Exercise in Genetics
- Linear Regression

File Name

- Non-linear Regression
- Chi-Squared Test
- Reliability of Mean.

Level 7 Biology Additional Content

File Name

- Adaptations of Aquatic Insects.
- Classification Practical
- Human Impact on Resources.
- Nutrient Cycles.
- Osmosis and Water Potential
- Plant Mineral Requirements
- Terms and Notation.
- The Modern Theory of Evolution
- The NZ Environment
- Translocation.
- Transpiration
- Uptake at the Root

EXTRA CHAPTERS

- Applied Biology: Industrial Microbiology
- Applied biology Medicine.
- Applied Biology: Reproduction
- Applied Biology: The Environment
- Basic Biochemistry
- Feeling Your Way
- The Next Generation

Level 8 Biology Additional Content

File Name

- Analysis of a Squirrel Gene Pool
- Automated DNA Sequencing
- Cat Colours
- Changes in a Gene Pool

Contemporary Biological Issues

- Aspects of Human Genetics.
- Biodiversity in Freshwater
- Biodiversity Marine
- Biological Control
- Cloning.
- Control of the Possum Pest
- Emerging Disease
- Genetically Modified Crops
- Human Reproductive Tech.
- Transgenic Livestock
- Xenotransplantation.
- Dating Fossils.
- DNA Profiling using Probes
- Ethics of Gene Technology
- Evolution in Springtails.
- Hominin Skull Identification
- Homologous Structures
- Landmarks in Biotechnology.
- Mass Extinctions.
- Pollination Syndromes
- Postnatal Testing.
- Primate Behaviour Study.
- Primate Evolution
- Problems in Mendelian Genetics
- Sexual Selection
- Stone Age Cultures