



**Biological** molecules

**Nucleic acids** 

Cells

**Transport** across cell membranes recognition and the immune system

**Exchange** 

Mass transport

**Nervous coordination** and muscles

Response to stimuli

**Energy and** ecosystems



DNA, genes and protein synthesis

Genetic diversity

**Biodiversity** 

Respiration

**Photosynthesis** 

Inherited change

**Homeostasis** 

**Populations and** evolution

**Populations in ecosystems** 

**Gene expression** 

Recombinant DNA technology