

## Year 13

### **Energy transfers in and between organisms**

We explore photosynthesis, respiration, energy and ecosystems.

### **Organisms respond to changes in their internal and external environment**

We explore the response to stimuli, nervous coordination and muscles along with homeostasis.

### **Genetics, populations, evolution and ecosystems**

We explore inherited change, populations, evolution and populations in ecosystems.

### **The control of gene expression**

At cellular level, control of metabolic activities is achieved by which genes are transcribed and translated.

We explore gene expression and recombinant DNA technology.

