



OCR Gateway – Video list

Triple Award

Triple Award includes all of the [Entry Level](#) and [Double Award](#) videos and, in addition, the topics below...

[ENTRY LEVEL →](#)

[DOUBLE AWARD →](#)

Biology



1. Cell level systems

Protein Synthesis
The Physiological Effects of Exercise

2. Scaling up

[No additional videos]

3. Organism level systems

The Brain
The Eye
Controlling Body Temperature
Controlling Water: The Excretory System
Plant Hormones

4. Community level systems

Pyramids of Biomass and Biomass Transfer

5. Genes, inheritance and selection

The History of Genetics
Theories of Evolution: Darwin & Wallace

6. Global challenges

Monitoring Pollution and Biodiversity
Food Security and Sustainable Production
Plant Defences and Diagnosis
Monoclonal Antibodies

Chemistry



1. Particles

[No additional videos]

2. Elements, compounds and mixtures

Nanoparticles

3. Chemical reactions

[No additional videos]

4. Predicting and identifying reactions

Group 7 - Halogens
Transition metals
Tests for cations
Tests for anions
Instrumental methods of analysis

5. Monitoring and controlling reactions

Yield and atom economy
Concentration of a solution
Titrations
Gas calculations

6. Global challenges

Fertilisers
The Haber process
The Contact process
Making Ethanol
Corrosion
Choosing materials
Alkanes from Crude Oil
Reactions of Alkanes
Alkenes
Alcohols
Carboxylic Acids
Addition Polymers
Biological Polymers
Condensation Polymers
Producing electricity using Chemistry

Physics



1. Matter

Pressure in gases
Pressure and pressure differences in fluids

2. Forces

Momentum 2
Moments, levers and gears
Pressure and hydraulic systems

3. Electricity

Electric fields

4. Magnetism and magnetic fields

The motor effect
Induced potential difference
Transformers

5. Waves in matter

Properties of waves
Reflection of waves
Sound waves
Ultrasound
Visible light
Lenses

6. Radioactivity

Radioactive contamination
Background radiation
Hazards and uses of radiation
Nuclear fission and fusion

7. Energy

[No additional videos]

8. Global challenges

Forces and braking
Transformers and power transmission
Sonar and seismic waves
Black body radiation
Our solar system
The life cycle of a star
Orbital motion
Red-shift