

GCSE Additional Science: **Biology**

Active Transport

10 slides

- 3 Flash activities
- Accompanied by **Diffusion, Osmosis and Active Transport** worksheet

Covering:

- Active transport



For OCR Twenty-First Century GCSE Science and OCR Gateway

Altering Genes

22 slides

- 7 Flash activities
- Accompanied by **Genetics** worksheet

Covering:

- Selective breeding
- Genetic engineering



For OCR Gateway and Edexcel

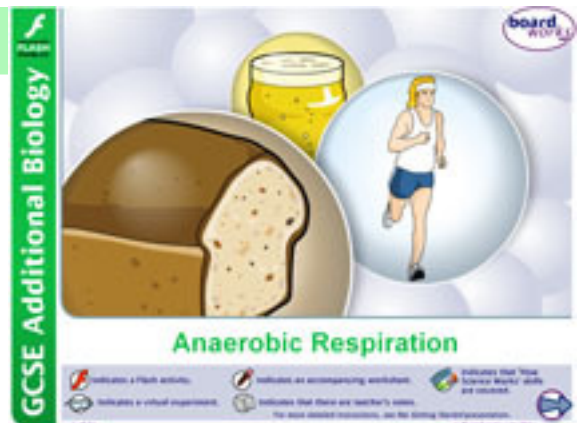
Anaerobic Respiration

21 slides

- 7 Flash activities
- Accompanied by **Respiration and Circulation** worksheet

Covering:

- Anaerobic respiration
- Lactic acid
- Respiration in industry



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

GCSE Additional Science: **Biology**

Asexual Reproduction

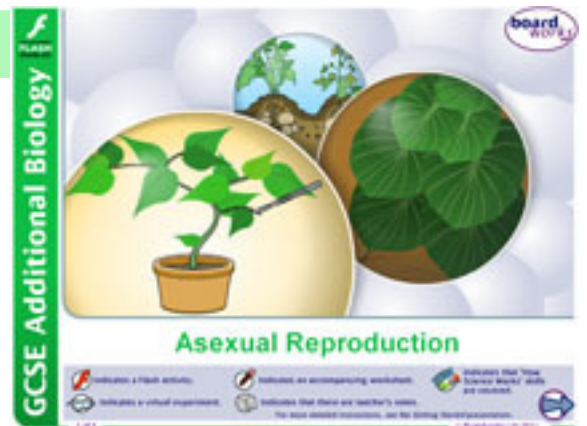
9 slides

 4 Flash activities

 Accompanied by **Asexual Reproduction** worksheet

Covering:

- Asexual reproduction



For OCR Twenty-First Century GCSE Science and OCR Gateway

Cells

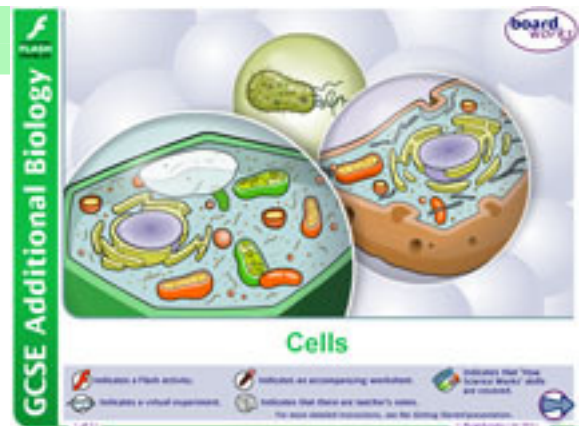
31 slides

 16 Flash activities

 Accompanied by **Cells** worksheet

Covering:


- What are cells?
- Animal cells
- Plant cells



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Cloning

14 slides

 6 Flash activities

 Accompanied by **Asexual Reproduction** worksheet

Covering:

- What is cloning?
- Cloning mammals




For OCR Twenty-First Century GCSE Science and OCR Gateway

GCSE Additional Science: **Biology**

Decay

13 slides

 5 Flash activities

 Accompanied by **Decay** worksheet

Covering:

- What is decay?



For OCR Gateway

Diffusion

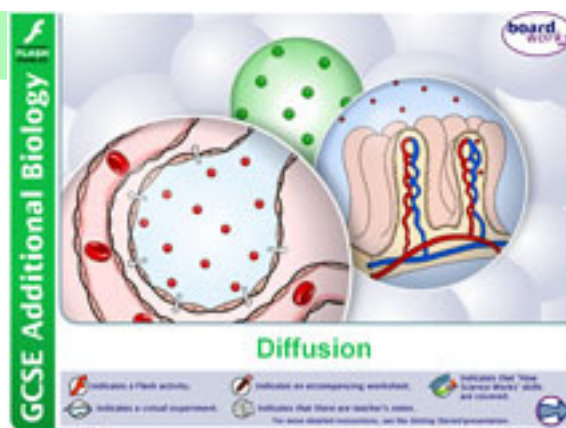
27 slides

 11 Flash activities

 Accompanied by **Diffusion, Osmosis and Active Transport** worksheet

Covering:

- What is diffusion?
- Diffusion and life



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Digestive Enzymes

20 slides

 8 Flash activities

 Accompanied by **Enzymes** worksheet

Covering:

- Enzymes in life
- Enzymes in industry



For AQA and Edexcel

GCSE Additional Science: **Biology**

DNA

13 slides

4 Flash activities

Accompanied by **DNA and Protein Synthesis** worksheet

Covering:

- DNA, genes and bases



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Enzymes

23 slides

9 Flash activities

Accompanied by **Enzymes** worksheet

Covering:

- What are enzymes?
- How do enzymes work?



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Farming

19 slides

9 Flash activities

Covering:

- Intensive farming
- Organic farming




OCR Gateway

GCSE Additional Science: **Biology**

Fossils and Species Development

23 slides

 11 Flash activities

 Accompanied by **Fossils and Species Development** worksheet

Covering:

- Fossils
- Species development
- Extinction



For AQA and Edexcel

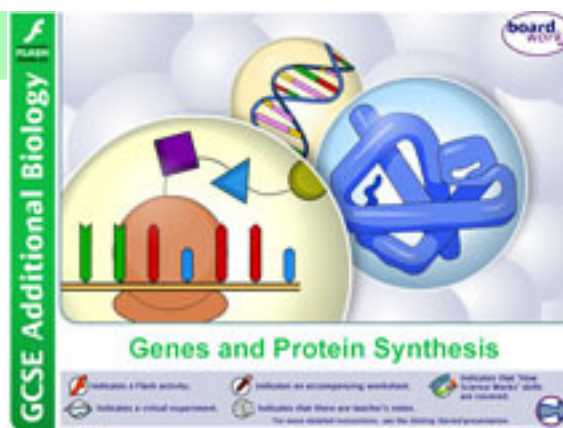
Genes and Protein Synthesis

21 slides

 9 Flash activities

Covering:

- DNA and the genetic code
- Protein synthesis
- Genetic mutation



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Inheritance

29 slides

 12 Flash activities

 Accompanied by **Genetics** worksheet

Covering:

- Gene expression
- Genetic crosses
- Sex determination
- Studying monohybrid crosses





For AQA, OCR Gateway and Edexcel

GCSE Additional Science: **Biology**

Inherited Disorders

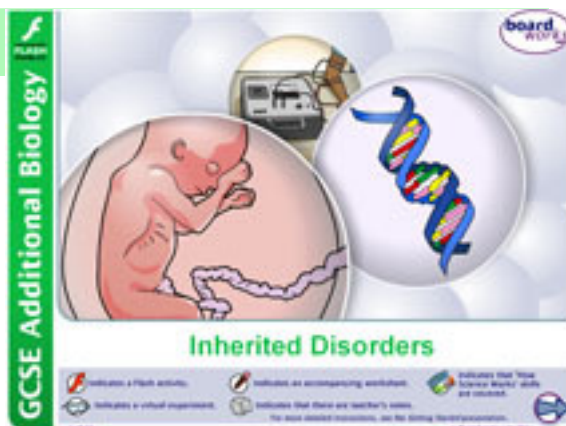
13 slides

 5 Flash activities

 Accompanied by ***Inherited Disorders*** worksheet

Covering:

- What are inherited disorders?
- Fetal testing



For AQA

Investigating Ecosystems

30 slides

 12 Flash activities

 Accompanied by ***Investigating Ecosystems*** worksheet

Covering:

- Understanding ecosystems
- Study techniques
- Distribution of organisms
- Biodiversity



For AQA, Edexcel and OCR Gateway GCSE Science

Leaves

17 slides

 10 Flash activities

 Accompanied by ***Photosynthesis*** worksheet

Covering:

- Leaves and photosynthesis
- Structure of leaves



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

GCSE Additional Science: **Biology**

Meiosis and Reproduction

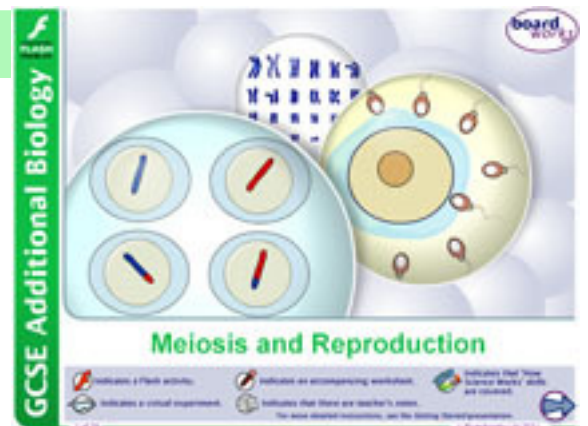
17 slides

7 Flash activities

Accompanied by **Meiosis and Stem Cells** worksheet

Covering:

- Fertilization
- Meiosis



For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

Minerals for Plants

16 slides

5 Flash activities

Covering:

- Minerals for plants



For OCR Gateway

Mitosis

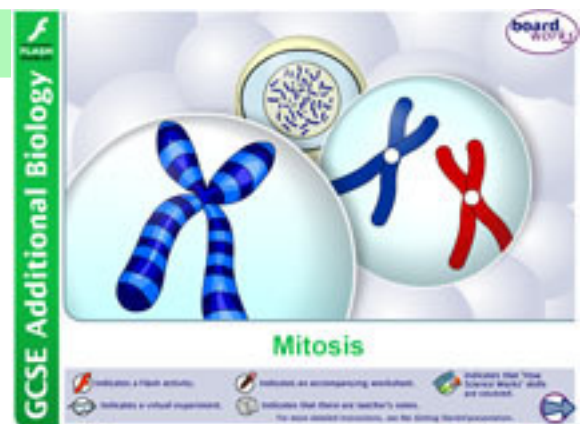
13 slides

7 Flash activities

Accompanied by **Growth and Mitosis** worksheet

Covering:

- Mitosis



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GCSE Additional Science: **Biology**

Multicellular Organisms

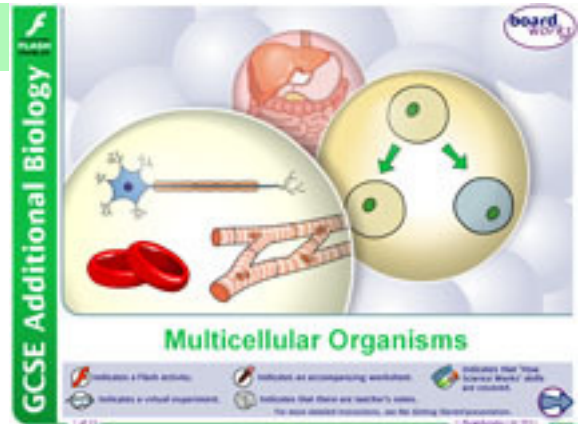
13 slides

4 Flash activities

Accompanied by **Organ Systems** worksheet

Covering:

- Multicellular organisms



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Nerves and Reflexes

14 slides

5 Flash activities

Accompanied by **The Nervous System** worksheet

Covering:

- Reflexes
- Nerves and responses



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Osmosis

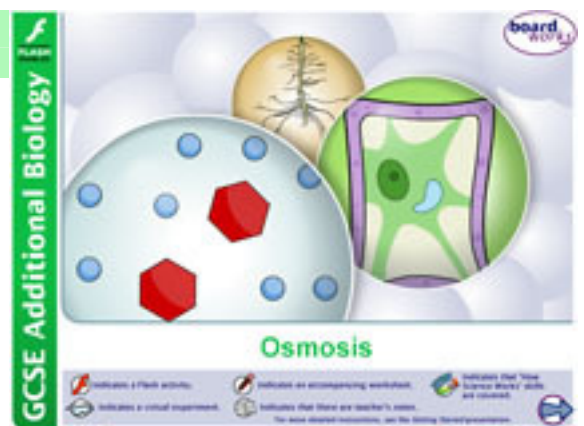
17 slides

8 Flash activities

Accompanied by **Diffusion, Osmosis and Active Transport** worksheet

Covering:

- What is osmosis?



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GCSE Additional Science: Biology

Photosynthesis

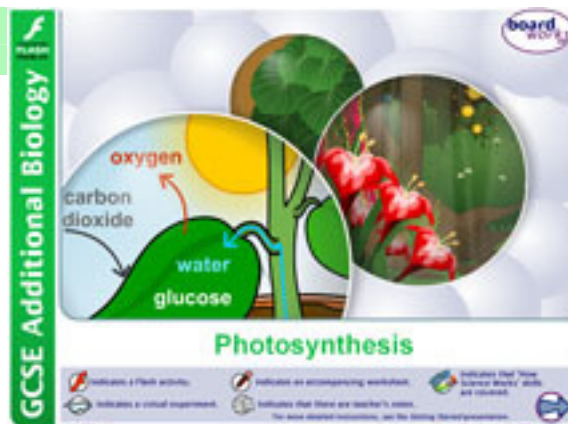
35 slides

 16 Flash activities

 Accompanied by **Photosynthesis** worksheet

Covering:

- Plants and food
- Making food
- Investigating photosynthesis
- Rate of photosynthesis



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Plant and Animal Growth

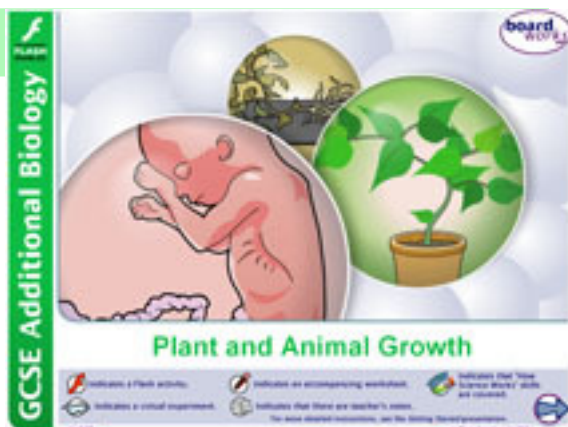
27 slides

 11 Flash activities

 Accompanied by **Growth and Mitosis** worksheet

Covering:

- Growth rate
- Mechanisms of growth
- Plant growth and light



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Respiration

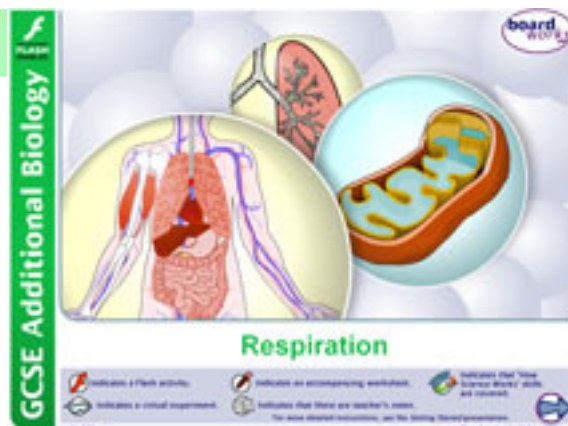
21 slides

 9 Flash activities

 Accompanied by **Respiration and Circulation** worksheet

Covering:

- Aerobic respiration
- Respiration and the body
- Using energy
- Changes during exercise




For AQA, OCR Twenty-First Century GCSE Science, OCR Gateway and Edexcel

GCSE Additional Science: **Biology**

Stem Cells

18 slides

 6 Flash activities

 Accompanied by ***Meiosis and Stem Cells*** worksheet

Covering:


- What are stem cells?
- Using stem cells



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The Brain and Learning

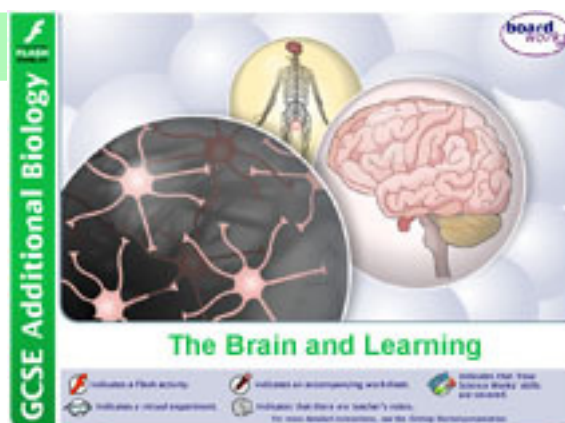
23 slides

 9 Flash activities

 Accompanied by ***The Brain and Learning*** worksheet

Covering:

- The brain
- Conditioned reflexes
- Learning
- Memory



OCR Twenty-First Century GCSE Science

The Circulatory System

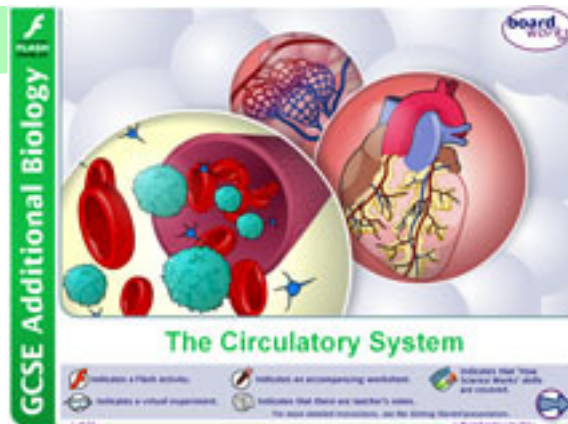
22 slides

 15 Flash activities

 Accompanied by ***Respiration and Circulation*** worksheet

Covering:

- The circulatory system
- Blood and blood vessels
- The heart



For OCR Gateway and Edexcel

GCSE Additional Science: Biology

The Digestive System

17 slides

 6 Flash activities

 Accompanied by **Organ Systems** worksheet

Covering:

- Digestive system
- Diffusion and digestion
- Functional foods



For AQA and Edexcel

The Movement of Water in Plants

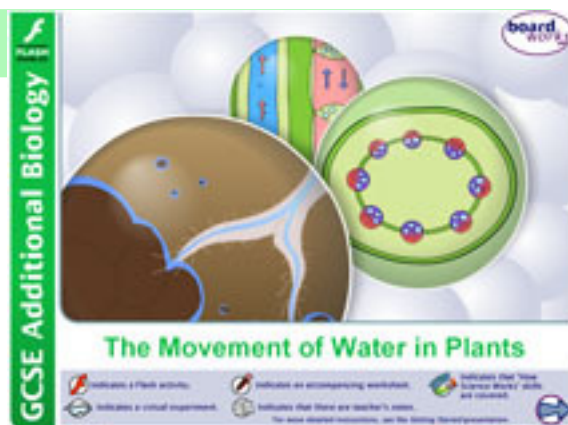
33 slides

 14 Flash activities

 Accompanied by **The Movement of Water in Plants** worksheet

Covering:

- Transport tissues
- Water loss
- Transpiration
- Mineral uptake



For OCR Gateway and Edexcel

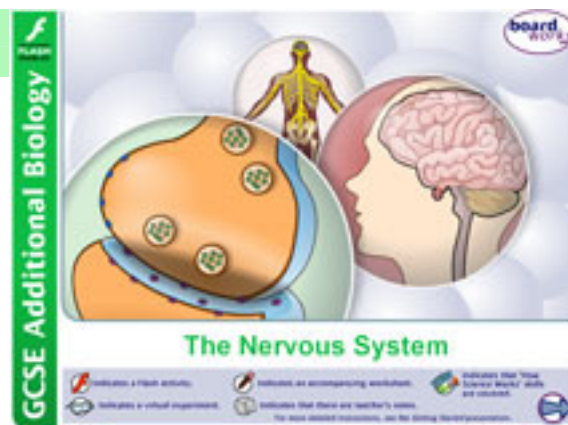
The Nervous System

18 slides

 12 Flash activities

Covering:

- Nerves
- Reflex arcs




OCR Twenty-First Century GCSE Science

GCSE Additional Science: **Biology**

Uses of Glucose in Plants

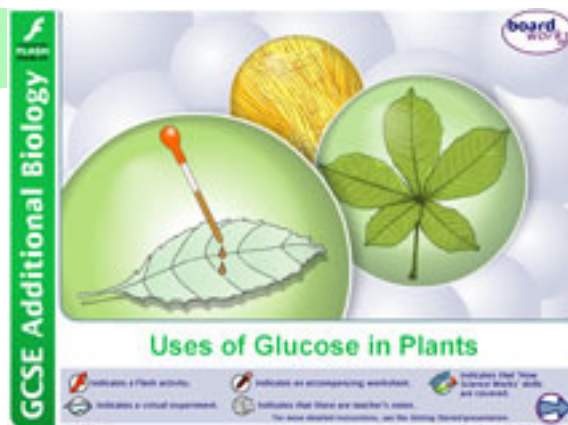
12 slides

 6 Flash activities

 Accompanied by **Photosynthesis** worksheet

Covering:

- Uses of glucose in plants



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