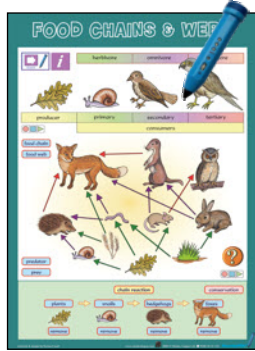


Interactive Science Pack (8-12)

Interactive Science Posters

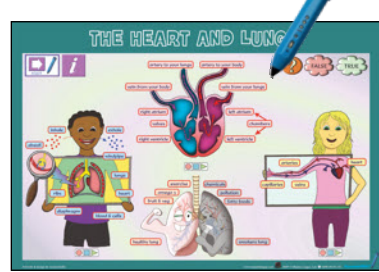
These interactive, laminated A3 charts are the perfect way to get KS2/3 pupils excited by science. Each poster covers a key area of the curriculum and gives information that pupils can hear again and again with the RecorderPEN. Games then function as a comprehension exercise, challenging children to remember and apply the information that they've learned. Key words on the back of each chart can be translated into the languages of your choice.

10 double-sided posters with English audio files.



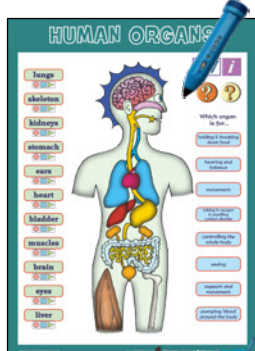
Food Chains & Webs

Find out how plants and animals interact with each other in their environment, and what happens if the balance is disturbed by human activity. Use the gaming mode to alter a food chain and see the effects, or answer questions about the roles of producers, consumers, predators and prey within a chain.



The Heart and Lungs

Learn about the parts and functions of the heart and lungs, and find out what you can do to keep these organs strong and healthy. In the gaming mode, listen to statements about different types of food and answer true or false, complete the sentence, or general questions.



Human Organs

Discover the organs that make up the human body, and the functions that each one performs. Test your knowledge with the gaming mode by matching the organ to the function, or matching the word to the organ on the diagram.



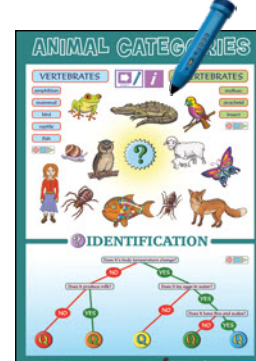
Nutrition

Hear about the seven food groups, and the importance of a balanced diet for keeping healthy. In the gaming mode, listen to statements about different types of food and answer true or false to test your knowledge.



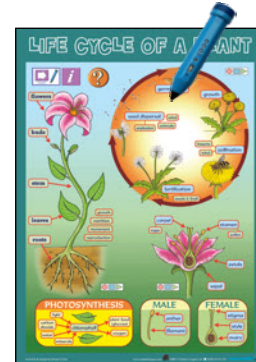
7 Life Processes

Explore the seven life processes that help us classify plants and animals as living organisms, and learn a clever way of remembering each process. In the gaming mode, listen to statements and answer true or false, or listen to questions and point to the correct process.



Animal Categories

Find out the difference between vertebrates and invertebrates, and learn how scientists classify animals into subspecies. In the gaming mode, follow the identification diagram to see if you can categorise the animals yourself.



Life Cycle of a Plant

This poster explains how plants grow and reproduce. Listen to the names of the different parts of a plant, and how they carry out the life processes. Learn how plants create food using photosynthesis. Use the gaming mode to test what you have learnt, by answering a series of questions.



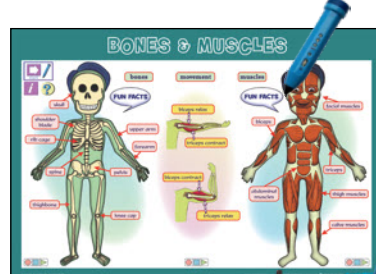
Your Teeth

Learn the importance of oral hygiene and what you can do to keep your teeth strong and healthy. Discover the purpose of the different kinds of teeth in your mouth. In the gaming mode, match items to the healthy or unhealthy mouth, to see what is good or bad for your teeth.



Habitats & Adaptations

This poster explains what plants and animals need in order to survive in their environments, and gives examples of how certain life forms have adapted for extreme conditions. In the gaming mode you can answer questions or complete sentences relating to which adaptations help the organism carry out which life process.



Bones & Muscles

Discover the names and purpose of the bones and muscles in your body, and how they interact to create movement. Listen to fun facts, or use the gaming mode to answer questions about which bone or muscle provides which function.



Solid, Liquid, Gas

Discover how dividing matter into solid, liquid and gas can help us predict its properties. Learn the processes that transform matter from one state to another. In the gaming mode listen to and answer multi-choice questions about the properties and transitions of the different states of matter.



Electric Circuits

How do you make a circuit? Find out the difference between a parallel and a series circuit, and how the components within a circuit will affect its productivity. In the gaming mode, answer questions about the components in a circuit, or try to work out which bulbs will or won't work on the diagrams at the bottom.



Material Characteristics

Find out why different materials are suited to different purposes. Learn about conductors, insulators, and magnetic materials. Hear the properties of different types of rock, and why some are used for buildings and some are not. In the gaming mode, answer questions about material properties, and which properties make materials suitable for certain jobs.



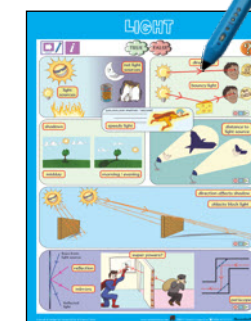
Forces

Find out how force is measured, why texture affects friction and why surface area affects air resistance. Hear about opposite forces and magnetic forces. Record your own definitions of the different forces. Use the gaming mode to answer questions, and match arrows to the forces they represent.



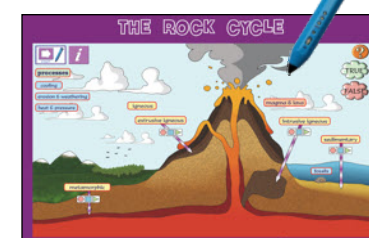
The Water Cycle

See how water travels between the earth, sea and sky, and learn the words that describe these processes. In the gaming mode, answer questions about different stages of the process, or follow the question string that takes you through the whole cycle.



Light

Find out what creates light and what reflects it. Discover how light travels, and why this causes shadows and reflections. Learn about how you can use light to see around corners using a periscope. In the gaming mode, listen to statements and answer true or false to test your knowledge.



The Rock Cycle

Use this poster to see how igneous, sedimentary and metamorphic rock is formed, and the processes that cause one kind of rock to change into another. In the gaming mode, answer questions about the different types of rock and the processes that cause them to change.



Sun, Moon & Earth

Learn about gravity and orbits, and find out how the movements of the earth and moon create days, months, years and seasons. Find out why the sun appears higher in the sky in summer. Listen to fun facts about the planets in our solar system. In the gaming mode, answer questions and complete sentences using what you have learnt.



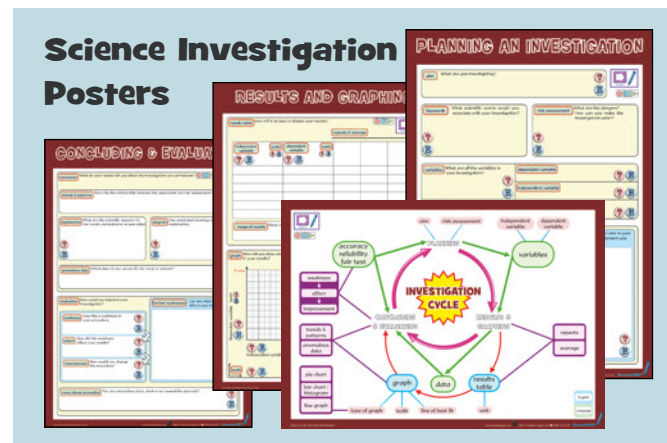
The Periodic Table

Learn the names of the elements. See how scientists categorise them into groups and periods using their atomic properties, and how the electrons in an element's atom affect its reactivity. In the gaming mode, answer questions about what you have learnt.



Sound

This poster explores the ways in which vibrations cause sound, and how sound travels. Learn what affects pitch and volume, and how you can represent sound using diagrams. In the gaming mode, answer questions, or listen to statements and answer true or false to test what you have learnt.

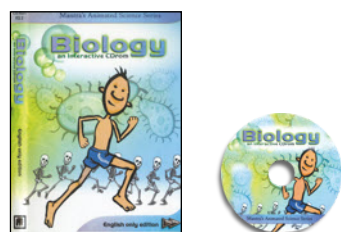


Science Investigation Posters

PLANNING AN INVESTIGATION

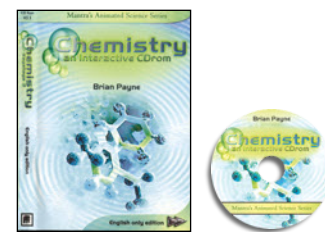
Planning an Investigation • Investigation Cycle • Analysing Results • Evaluation
Gives continuous support for the full investigative cycle - from planning to manipulating data, evaluation and eventual writing-up of the investigation. Access aural hints and definitions of subject specific vocabulary. Record answers and ideas in any language. This is a fantastic way to monitor children's development.
2 double-sided posters with English sound files

Interactive Science CD-ROMs



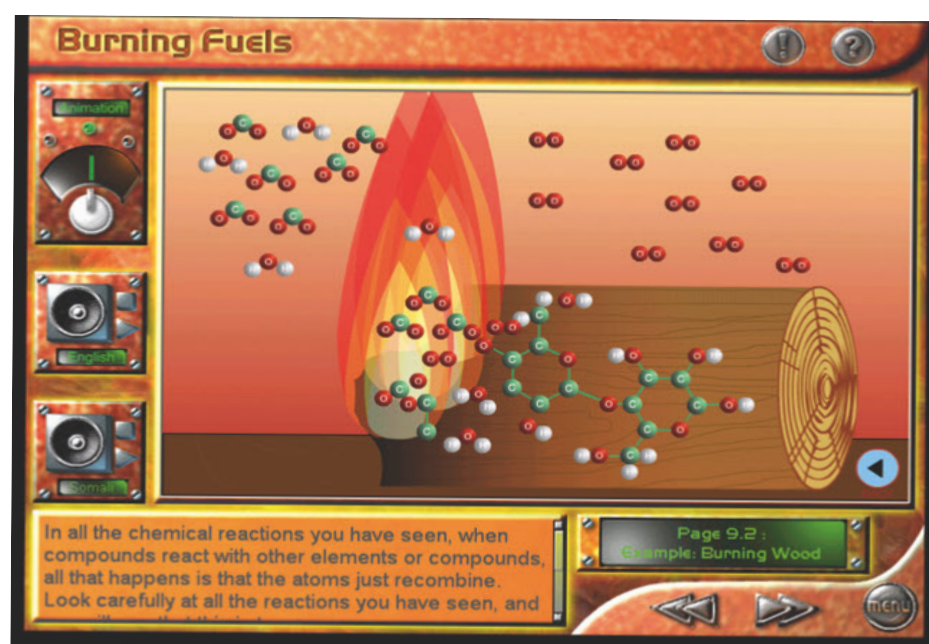
Biology KS3 CD Rom

Outstanding animations, with clear explanations of complex ideas, are ideally suited for classroom teaching. Whiteboard interactivity is provided to enable teachers to add their own material and students to participate actively in class.



Chemistry KS3 CD Rom

Detailed interactive animations effectively demonstrate live events at the molecular level. Questions are multi-formated, including drag and drop, text fill and multiple choice - ideal for testing understanding and revision.



Science Terms Explained

Key Terms for Science

Terms such as acid, temperature, particles and pressure are explained in various languages with easy to understand examples.

The clear explanations help new entrants to quickly assimilate key concepts and terms for Science in their home language and access the curriculum. There is at least 7 hours of audio explanations making this a valuable resource for anyone teaching Science to 8-11 year-olds.

These explanations can be customised in the languages of your choice.

SHORTLISTED FOR THE NASEN AWARD FOR ICT INCLUSIVITY 2008

