

Energy Info Zone

KEY THEME: ENERGY



'Energy Info Zone' Built Environment in Energy- Fuelling the Future Gallery at the Science Museum.

Concept:

We need to make some important decisions about the way we supply and use energy. These decisions are going to change the world we live in. Here's the full story on energy: the fossil fuels that we depend on now, why we can't go on using them like we do, what some people are already doing about it, and what the future holds.

Description:

The Energy Info Zone offers bundles of content available for purchase for your gallery needs. The Info Zone is bursting with activities on the themes of energy, energy today, energy futures

Make an enquiry

scm.interactive@sciencemuseum.org.uk

Tel. 0207 9424394

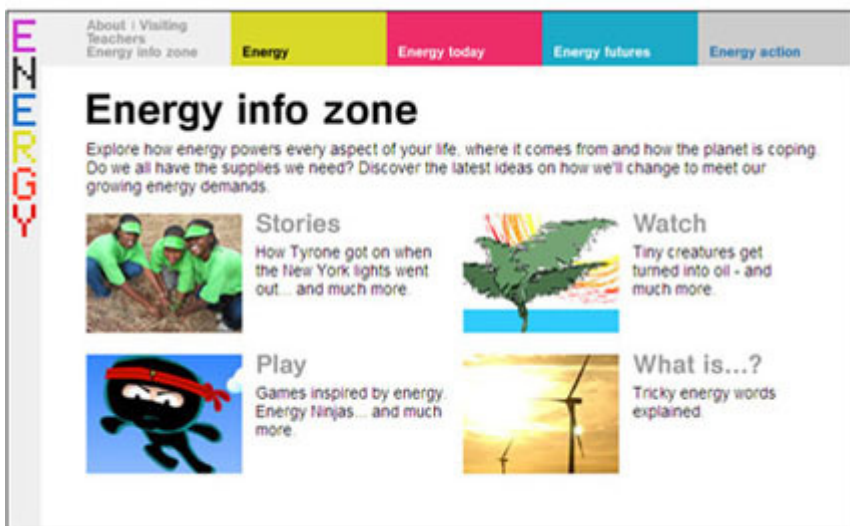
and energy action. The Info Zone content available includes games, quizzes and the animations to assist visitors in their exploration of energy concepts.

Interactive content engages audiences and increases realization of learning outcomes. These interactive content elements have been specifically designed for use within an on-gallery kiosk however much of the kiosks content is also available to browse online. If you are interested in creating a package of interactive content of purchasing individual elements of content for your gallery needs just get in touch to discuss.

Explore this link to browse interactive content options:

<http://www.sciencemuseum.org.uk/on-line/energy/>

The Science Museum regrets that it cannot offer all aspects of the Energy Info Zone for purchase, its best to get in touch to discuss your requirements.



The Energy Info Zone is bursting with activities on the themes of energy with stories, animations, games and a glossary explaining tricky words.

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To aid engagement the animations break down complex processes into simple stages.

Target audience:

KS2 & 3 children (age 7-14) and their teachers and families with children age 7-14 years.

Learning Concept:

Explore how energy powers every aspect of your life, where it comes from and how the planet is coping. Do we have all the energy supplies we need? Discover the latest ideas on how we'll change to meet our growing energy demands.

Key messages:

- As we use energy resources they are renewed at different rates.
- Some energy resources are immediately replaced as we use them up, and are called renewable. They will never run out. These include sources such as wind, tidal, wave or solar energy. Bio fuels and wood are classed as renewable, because they can be quickly replaced.
- Some energy resources, like fossil fuels, take millions of years to form and if we continually use them faster than nature replaces them, we will eventually run out. They are non-renewable or finite sources. These include oil, coal and gas which are known as 'fossil fuels' and uranium.
- To make raw energy useful for our own needs we need to harness it in some way
- Energy can be transported conveniently as fuels or electricity along roads, pipelines or via electricity cables.
- When energy has to be transported from where it's harnessed to where it's needed, there are enormous costs and impacts
- Burning fossil fuels is a problem because it is the major cause of climate change
- Everyone in the world needs access to energy supplies that are secure, reliable, affordable and have least impact on the environment
- Political, economic and environmental factors are driving change in the way energy is provided worldwide
- There are environmental concerns with using some energy sources

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Technical specification and hardware required:

This piece requires:

2.4 Mhz Pentium 4

512 MB RAM 10 GB Hard disc

BIOS settings - no special settings

17' LCD screen

Windows 2000

Screen settings 1280 x 1024 pixels in True Colour

Please discuss your technical set up when requesting a quote on this software.

Would you like to purchase the built environment too?

Described as an 'interactive playground' the Energy- Fuelling the Future gallery is an internationally acclaimed and incredibly popular gallery. As part of our interactive product offer in collaboration with leading built environment designers Casson Mann we can offer the opportunity to purchase designs of Science Museum specification interactive exhibit housing for your environment to recreate the Energy gallery's unique 'look and feel.'

The Energy gallery built environment has been designed to offer versatility for groups and individuals, to encourage intrigue, exploration and reflection. Essentially the gallery floor is our showroom, so if any aspects of the Energy- Fuelling the Future gallery could meet your needs, just get in touch.

Location:

This piece can be found on the in the 'Energy – Fuelling the Future Gallery' 2nd Floor at the Science Museum

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