



Scottish Air Quality Database: Children's Pages:

<http://www.scottishairquality.co.uk/children/>



The Scottish
Government
Riaghaltas na h-Alba

Air Pollution Detectives



- Development of a Children's site on the Scottish Air Quality Database.
- Intended to increase interest and awareness of air quality and climate change.
- Link to the Curriculum.
- Scottish Government, Cheryl Borthwick (ICT/GLOW Development Officer Edinburgh), Wendy French of Learning and Teaching Scotland and Ian Menzies of the Developing Global Citizens team.



General Approach

- The children's pages are targeted in design and content to children aged 8-9, although the content may also be suitable for children aged 7-11 as well.
- The pages aim to encourage independent thinking from the users, in-line with current educational objectives within Scotland.
- Users are encouraged to think about the issues beyond the web pages with appropriate links to other websites and organisations.



General Approach II



- Each page has been designed to be as fun and interactive as possible, to encourage user participation and understanding of the content.
- In order to do this as effectively as possible, we ran a pilot exercise recently, which Cheryl has kindly agreed to speak about next.....
- So, a brief introduction....

- The pages have a bright and fun design targeted specifically at the target age group, without the more complex website content surrounding it.
- Pages link directly to the Scottish Air Quality Database and also the GLOW initiative.
- The site includes several characters and includes voice-overs to enable a lot of the content to be read out loud.

Air Pollution Detectives



Content

- The content of the children's pages has been created with the target age group in mind.

- Homepage
- Top Suspects



Content

- The content of the children's pages has been created with the target age group in mind.

- Homepage
- Top Suspects
- Crime Scene - sources



Content

- The content of the children's pages has been created with the target age group in mind.

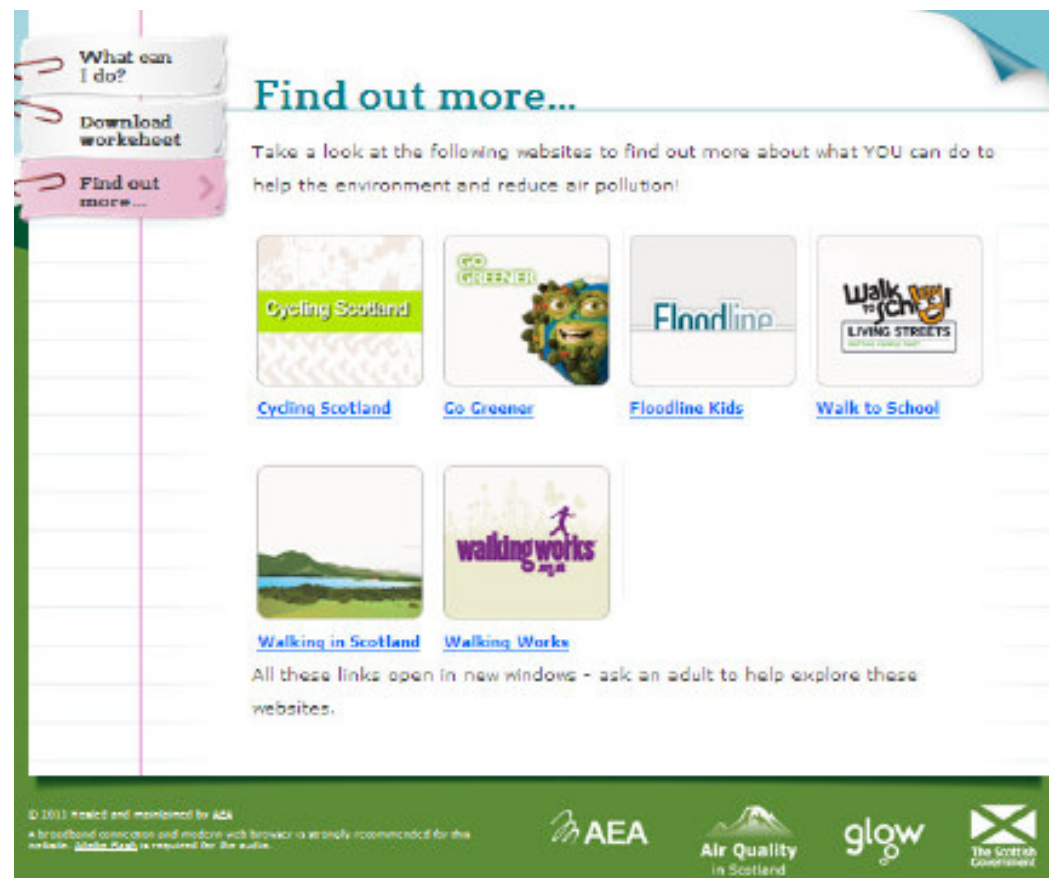
- Homepage
- Top Suspects
- Crime Scene – sources
- How does it affect me?

The screenshot shows a page from a children's educational resource. On the left, there are two paperclip icons with labels: 'How does it affect me?' and 'Measuring air pollution'. The main title is 'Measuring air pollution'. Below the title, it says 'Air pollution is measured on a scale from 1 to 10.' and 'Air pollution is **Low** if it is **1 to 3**, **Moderate** if it is **4 to 6**, **High** if it is **7 to 9** and **Very High** if it is **10** on the scale.' It also mentions 'You can check the pollution levels on the [homepage!](#)'. A semi-circular 'AIR POLLUTION SCALE' is shown with numbers 1 to 10, color-coded from green (Low) to purple (Very High). To the right of the scale are two cartoon characters, a girl and a boy, each with a speaker icon. At the bottom, there is a 'QUIZ' section with the text 'Test what you have learnt today!' and a blue arrow pointing right, surrounded by question marks.

Content

- The content of the children's pages has been created with the target age group in mind.

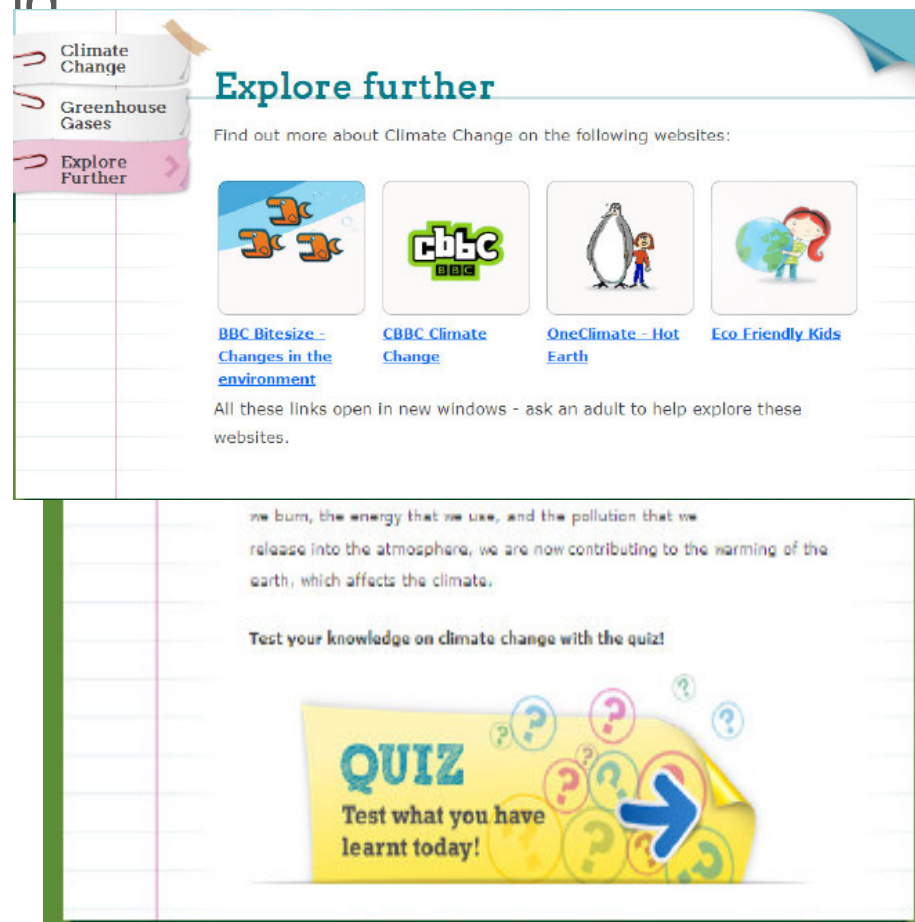
- Homepage
- Top Suspects
- Crime Scene – sources
- How does it affect me?
- What can I do?



Content

- The content of the children's pages has been created with the target age group in mind

- Homepage
- Top Suspects
- Crime Scene – sources
- How does it affect me?
- What can I do?
- Climate Change



- The content of the children's pages has been created with the target age group in mind.

- Homepage
- Top Suspects
- Crime Scene – sources
- How does it affect me?
- What can I do?
- Climate Change
- Quiz

