

Welcome to SEI's Education Ezine no 4

Back to school



We hope you had a great summer break, now it's time to get back to school and your class can start back with lots of energy efficient habits.

Got any comments or questions? Contact me at schools@sei.ie

Sections in this Ezine:

[News and Events](#)

Scouts Jamboree, Mobility Week 2008

[Primary Schools](#)

Website updates, Workshops 2008, Transport and Energy

[Secondary Schools](#)

Photo Competition Display, Website Updates

News and Events

Jamboree 2008



SEI visited this Scouting Ireland event on 5th August and had fun in a tent ! We met lots of scouts who were keen to play our Energy Challenge Game and see our renewable energy demonstrations. www.jamboree2008.ie . We also held a display of winning photographs from our Life Through a Lens competition during the Jamboree.

Mobility Week 16-22 September 2008

The theme of this year's mobility week is 'Air Quality and Carbon Emissions' Events are planned all over Ireland, including a ['Rebel Pedal'](#) parade in Cork, where cyclists will take over the streets. Perhaps you can plan your own events?

If you would like to highlight anything your school is doing to promote sustainable transport please let us know and we can put it on our website,. Email details to schools@sei.ie

Clean air for all. The theme of this year's mobility week is 'Air Quality and Carbon Emissions'

information on the 2008 European mobility week is available here www.mobility-week-europe.org

We all need to get involved in reducing carbon dioxide emissions to help improve air quality and reduce the effects of Climate change. Carbon dioxide is one of the main greenhouse gases which contribute to global warming. In Ireland we have increased the amount of greenhouse gas emissions from transport by 165% between 1990 and 2006. This is partly due to more people owning cars and traveling more often by car.



Mobility week is a chance to think of ways to reduce our dependence on cars and make some changes in the way we travel. Small changes like traveling once a week by bus or cycling will make a difference. Avoid using the car for short journeys to keep active as well as reducing greenhouse gas emissions.

Some solutions:



Cycling and walking, car pooling, car sharing, using vehicles with lower emissions. Find out what events are taking place in your area perhaps you can plan your own events. Some useful websites for planning your mobility week: Dublin transportation office www.dto.ie One small step campaign www.onesmallstep.ie

Primary Schools

Website Updates

We have tweaked our website over the summer months, mainly to make it a bit easier to find pages and to add some colour and images. Go to www.sei.ie to see what's new.



Now you can download images from our posters and if you have a colour printer you can print off extra copies of the posters yourself. [Click here to see this](#)

Guzzler Investigates Energy a companion book to Guzzler's Big Book on Energy, is now available in pdf form to download from the site. [Click here to see this](#)

Please let us know what you think through the online comment form. ([click here](#))

School Workshops

Guzzler Energy Challenge Workshops which are suitable for 3rd to 6th Classes will start in [ENFO](#) at the end of September. Our interactive Guzzler Exhibit is part of these workshops but will also be on display from 26th Sept to 7th Nov 2008.

These workshops will follow the same format as last year so if your class attended last year please don't book and give another school a chance to experience these workshops. All schools in Dublin will receive letters in early September. To receive a booking form via email please contact me at schools@sei.ie. Booking is on a first come first served basis. Click here to find out more about our workshops.

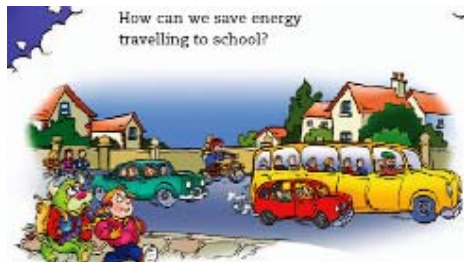
If you are based outside Dublin please note we will be bringing our workshops outside Dublin in early 2009. For more information please email me at schools@sei.ie

Transport and Energy

Why walk or cycle?

- Well it will keep you fit and healthy
- It frees up traffic
- It saves energy and money
- You will not contribute to climate change

Cars burn diesel or petrol which give off fumes containing lots of CO2 or carbon dioxide. Even if you only walk to school one day a week you are making a difference by reducing your carbon emissions.



As the days get shorter, visibility traveling to and from school becomes extra important. The most energy efficient ways of traveling to school are on foot or on your bike. However it is important to stay safe and wear reflective gear.

Recommended Website

Hippo works is a fun website with cartoons and other activities related to environmental issues such as global warming. [Click here](#) to play a memory game where all the symbols remind you to save energy.

Secondary Schools

Photo Competition Display

The winning photos from the 2008 Life Through a Lens Competition will be on display this Sept 26 to Nov 7 in ENFO offices, St Andrews ST, Dublin 2. You can drop in Monday to Friday 10-5pm or Saturdays 10-1pm to see the photos for yourself. www.enfo.ie

Web Updates

We have made a few changes to the secondary schools website, adding some new content . Please

let us know what you think via email or our online comment form.



Geography Leaving Cert: the new syllabus for Geography has lots of links to Energy we have now added some information to our site which we think will be of use to teachers and students of Geography at Leaving Cert.

On the Move - Activity

You may like to carry out a simple travel survey with your class. See this activity 'On the Move' for ideas.



One of the biggest barriers to students walking or cycling to school is safety. Here is some information on making your journey to school safer. www.safetoschool.ie/cycling-to-school.html

Based in Dublin? Use the Dublin Transportation office's journey planner. www.dto.ie/web2006/jp.htm This website allows you to work out the best route to walk or cycle, and gives approximate journey times. It also allows you to calculate the CO2 avoided by cycling or walking.



Outside Dublin? You can use gmaps to plan your journey. www.gmap-pedometer.com. This website allows you to experiment with routes to see which is shorter. Great for transport surveys as you can see how far each person has to travel to school and then compare the methods of travel. Click here

What's so great about cycling?

- You can park 12 bikes in the area needed to park 1 car
- A car weighing approximately 1 tonne, produces 4 tonnes of CO2 each year
- About 5% of the energy used by a car moves the occupants, the other 95% is used to move the metal

Recommended Website

Ecocho is a search engine with a difference. They promise that for every 1000 searchers that users make on their site they will offset 1 ton of greenhouse gases by sponsoring two trees .
www.ecocho.eu

Till Next time...

We hope to have another newsletter soon in the meantime check our website for any updates

www.sei.ie/schools