

"Every school should have it!"
Philip McCabe, President of the European Beekeepers Association on Mooney Goes Wild, Rte Radio 1.

"Mr Campbell had lots of information for the children to learn about and enjoy."
Scoil an Spioraid Naoimh, Laytown

 *Secret Life*

Secret Life

Environmental Science Roadshows

Nurturing environmental awareness and promoting positive conservation action among children through a dynamic multimedia-rich scientific discovery experience, instilling a love of all things natural.



"We do not inherit the earth from our ancestors, we borrow it from our children"

Secret Life roadshows are designed to provide schools with a framework for exploring and understanding the environment around us. It is a whole school activity, a visiting exhibition which is accompanied by a multimedia rich interactive presentation, printable activity sheets and a digital resource pack for use in class and on student computers. Through the use of pantomime narrative, realia exhibits, interactive exhibits and audio/visual materials students can explore the "Secret Life" of the environment around them.

Our programme aims to equip schools with the resources and knowledge to engage with National conservation projects.



*"I think that I shall never see
A poem lovely as a tree."*



*"Bhain idir mhúinteoiri agus pháistí tairbhe agus taitneamh as an gcur i láthair agus foghlaimíodh go leor fíricí suimiúla."
Gaelscoil Eoghan Uí Thuairisc*

"Hope is the only bee that makes honey without flowers."

Ireland's ancient forests that once covered 80% of the land have dwindled to a mere 1%. Now global warming, the invasion of non-native species and overgrazing threaten what little we have left. This programme aims to promote the conservation of native woodlands which support native wildlife.

Bees are the leading pollinator of flowering plants on planet Earth. In Ireland there are 103 different species. We are very familiar with honey bees and bumblebees which make up about 10-15% of the population. Less known are the solitary or wild bees which make up the largest portion of the bee population.

Children have a key role to play in conserving our precious native woodlands.

Wild bees are responsible for pollinating most of the flowering plant species in Ireland and play an important role for biodiversity in the eco-system.

Areas covered:
Diversity of flora and fauna - Sustainability of the environment
Winter - dormant/recyclers/hibernation
Spring - germination/re-birth/growth
Summer flowering-cycles /growth/ pollination
Autumn - Mature/seeding/food collection for winter storage
Woodland Decline: Human destruction - farming - disease - invasive species (grey v red squirrels)
Conservation: Linear forests - hedgerows - Monitoring - recording change through the seasons and over years

Areas covered:
Identification: Anatomy, Bees v Wasps, v Hornets, v Hover Flies.
Life-cycle: Complete metamorphosis,
Behaviour: Solitary, swarm.
Communication: Waggle dance, pheromones.
Habitats: Natural hives, apiaries, burrows
Benefits: Pollination, honey.
Dangers: Varroa mite, pollution, destruction of natural habitats,

Seen by over 30,000 Primary School pupils since 2013.

"I really enjoyed it. He was really funny."
Kate Murray 6th Class
St Joseph's, Macroom



Secret Life

EXHIBITS

"We were in for a very special treat when Joseph Campbell arrived with lots of different equipment for his demonstration all about the Secret Life of Bees."

"The children learned many interesting facts about biodiversity and were able to use prior knowledge in understanding the world of bees."

"Mr Campbell had lots of information for the children to learn about and enjoy. It was a fantastic display and the children really loved it."

"The presentation was hugely interactive leading to much collaboration and the sound of great laughter coming from the hall was testament to the enjoyment factor of the whole presentation."

Get up and personal with our lifelike exhibits.

The models and displays were amazing and the audio visual presentation captured the attention and interest of the pupils.

Transform your school hall with our colourful information banners.

Audio-visual screens provide a detailed look into the secret lives of creatures and fill the hall with the sounds of nature.

Displays include taxidermy and interactive diaramas.

There are plenty of opportunities for selfies and class photos.

An entertaining, informative and dramatic presentation. Super use of resources, both digital and otherwise.

All the children from junior infants to 6th class really enjoyed the presentation

"It was a fantastic display and the children really loved it."

"We had great fun... we learned alot about bees... THANKS JOE!!!!!"



Secret Life

RESOURCES

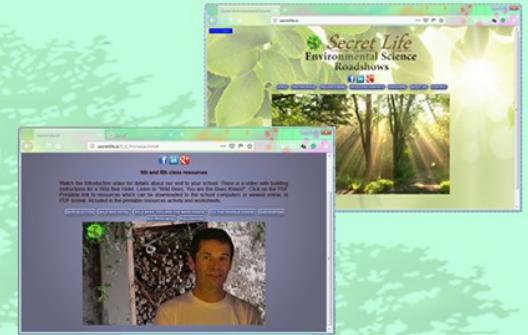
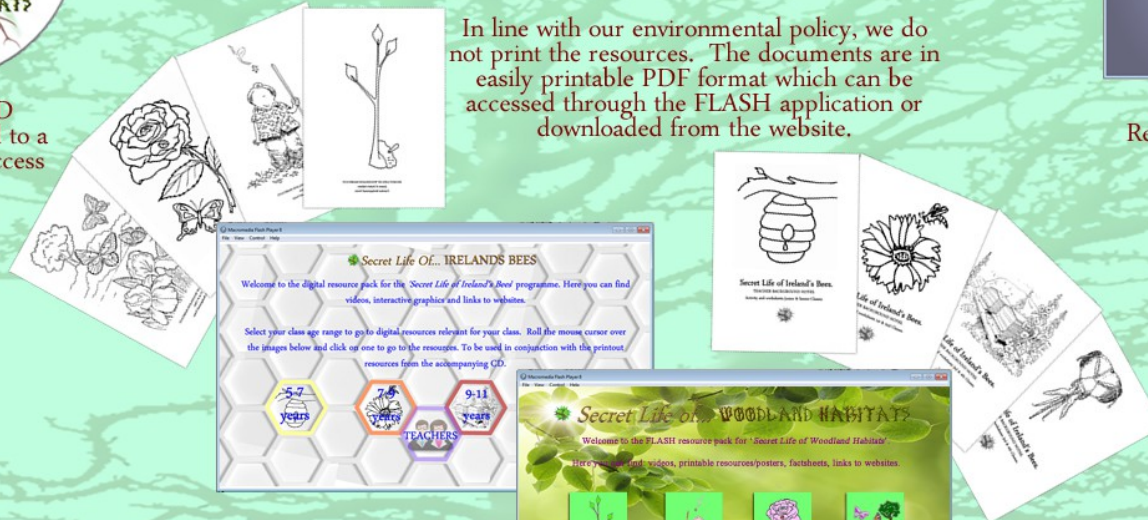


Access the resources through the DVD Application. The application can be saved to a shared folder on the schools server for access on classroom computers.

Really brings science to life. We're looking forward to the next one.

The study of the environment is a key aim of the SESE curriculum. Our resource packs of activity sheets and lesson plans are designed to help teachers and schools promote and fulfill these aims. The resource packs are graded for Junior & Senior Infants; 1st & 2nd Classes; 3rd & 4th Classes; 5th & 6th Classes.

In line with our environmental policy, we do not print the resources. The documents are in easily printable PDF format which can be accessed through the FLASH application or downloaded from the website.



Each programme has its own webpage. Resources can be accessed and downloaded.



Follow us on Facebook for update stories about the natural world



The FLASH Application is age-graded. Here teachers can easily access: videos, links to other education websites, printable posters and information sheets in PDF format.



Well done!!! and we look forward to next year's presentation.

An easy-to-use application for use on the class Whiteboard or on student school computers.

Secret Life Environmental Science Roadshows



Educational Scientist, PF Joseph Campbell M.Sc, is an accomplished educationalist and childrens presenter . Joe's eco-roadshows have always been a big hit with both children and teachers alike. Joe uses humour, music and dance, along with interactive exhibits to get the kids going. Its no accident that Joe has delivered shows to 250,000 school children in Ireland, UK, Australia and New Zealand since 2007.

Outline of typical programme day:

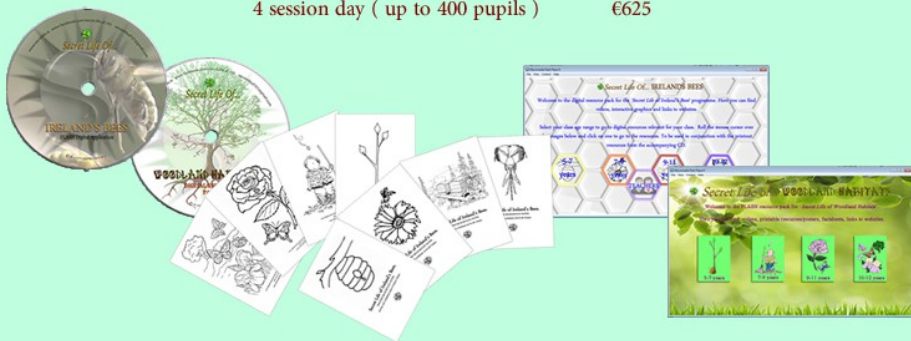
Arrive in School and set-up exhibition to be ready when school starts.

2, 3 or 4 one hour Sessions (45 min presentation with Q&A, 15 min explore exhibits).

Sessions are ideally suited for up to 100 pupils.

Price:

2 session day (up to 200 pupils)	€500
3 session day (up to 300 pupils)	€575
4 session day (up to 400 pupils)	€625



A DVD application will be left with the school on the day of the presentation. The contents can be uploaded to a shared folder on the schools server. The application provides access to; videos, printable PDF lesson plans and information posters, links to websites and project templates.

The programme runs from Sept to June. An agent will contact your school in the next few days. We are happy to answer any questions you may have about our programme.

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Really brings science to life. We're looking forward to the next one.

"The children and teachers really enjoyed the programme and learned a lot about bees in Ireland."
Seoil Bhride, Naas

The models and displays were amazing and the audio visual presentation captured the attention and interest of the pupils.

"Mr Campbell had lots of information for the children to learn about and enjoy. It was a fantastic display and the children really loved it."

"We had great fun... we learned alot about bees... THANKS JOE!!!!"

"The presentation was hugely interactive leading to much collaboration and the sound of great laughter coming from the hall was testament to the enjoyment factor of the whole presentation."

"It was a very informative and enjoyable talk."

"The children learned many interesting facts about biodiversity and were able to use prior knowledge in understanding the world of bees."

All the children from junior infants to 6th class really enjoyed the presentation

Well done!!! and we look forward to next year's presentation.

"We were in for a very special treat when Joseph Campbell arrived with lots of different equipment for his demonstration all about the Secret Life of Bees."

"Every school should have it!"
Philip McCabe, President of the European Beekeepers Association on Mooney Goes Wild, Rte Radio 1.

The children loved the giant insects and flowers!

"It was a fantastic display and the children really loved it."

"Bhain idir mhúinteoiri agus pháistí tairbhe agus taitneamh as an gcur i láthair agus foghlaimíodh go leor fíricí sulmiúla."
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