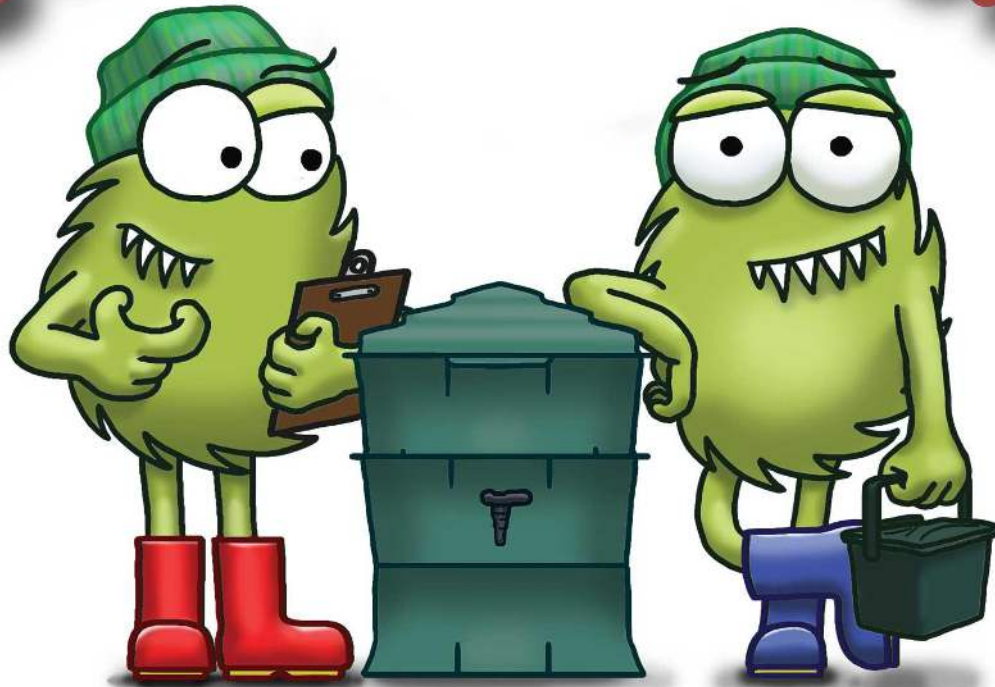


The Worm Inspectors



The Worm Inspectors
Evaluation
Climate Challenge Fund
2012-2015

ECO 
DRAMA 

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“The show was again fantastic, delivered appropriately for age and stage and with excellent pupil interaction... As we are closely moving forward to being assessed for our 4th green eco flag, your company has helped to further embed the eco message that we work hard to deliver.”

Natalie Morrison, Teacher Kelvindale Primary



1. THE WORM INSPECTORS OVERVIEW

Visiting your school from the special '**Sector W**', The Worm Inspectors will help learners to understand the life of a worm, the value of food waste and how to create a worm's ideal menu. Through interaction, humour and a game of '**Feed the Giant Worm**', the Worm Inspectors will encourage learners to dispose of food waste in their wormery so that the worms will be well fed!

The Worm Inspectors consists of one or two assembly performances and a lunchtime interaction in the school canteen. Full details and trailer are available through the link below:

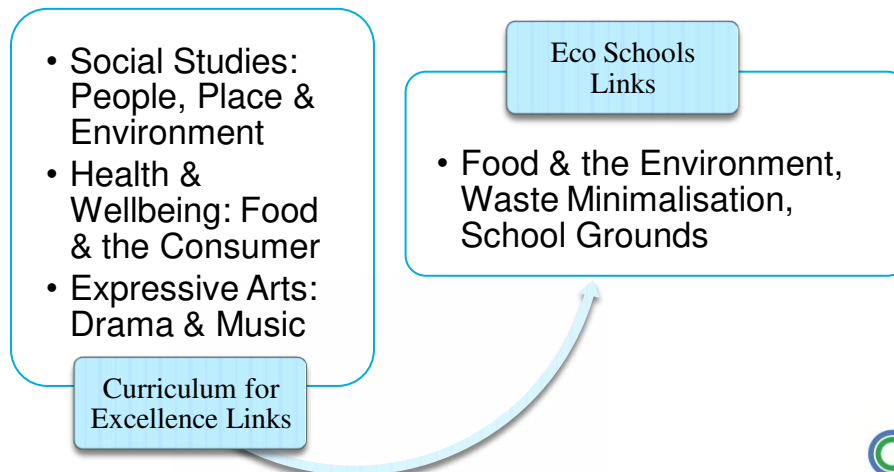
<http://www.ecodrama.co.uk/productions/the-worm-inspectors/>

From August - September 2014 Eco Drama delivered *The Worm Inspectors* to primary schools across the central belt of Scotland reaching:



1.1 EDUCATION LINKS

Education is at the heart of Eco Drama's work and *The Worm Inspectors* has strong links with Eco Schools Topics and with the current Scottish Schools education framework the *Curriculum for Excellence*.



1.2 MONITORING AND EVALUATION

Monitoring and Evaluating

Evaluation is fundamental to supporting Eco Drama's education initiatives. It enables us to ensure that we are delivering relevant and useful learning experiences for pupils and teachers in the schools which we visit.

For *The Worm Inspectors*, evaluation forms were distributed to pupils and teachers to complete after they had seen the show. These forms were designed to allow pupils and teachers to offer their opinions on the experience, and allow Eco Drama to monitor the response to the show to ensure that the best possible learning experience is being provided.

Presentation of Data

Included in the feedback forms are questions which allow us to obtain quantitative data on the responses. Pie charts have been used to present data for these types of questions.

Questions were also designed to provide qualitative feedback from comments which describe levels of enjoyment and what pupils have learned from the show. Comments from pupils and teachers have been included throughout the evaluation document.

1.3 ADDITIONAL RESOURCES

Each school that booked *The Worm Inspectors* was provided with a **Classroom Activity Pack** full of useful pre and post show activities for the whole class.

Participating schools were also provided with their own **school wormeries** or given advice on how to purchase one and set it up.



2. PUPIL FEEDBACK

"I thought that The Worm Inspectors were very cheery, lively and explained all about the job – it was a fun way of learning!"
Jenny P7a

"I enjoyed it when the worm pooped. Brilliant!" Aeryn, P7a

"Worms are more important than I thought." Jonathon P7a

"We love the title! Loved the funny voices, the acting and the whole performance." P6a
Corpus Christie Primary School

"I personally thought it was very entertaining. I felt like I wanted to watch it again." Drew McCartney, P6, Corpus Christie

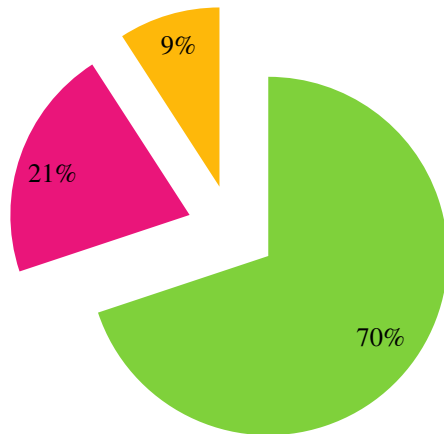
"They were amazing, funny and cool. Loved it. I liked it most when Katy was holding the banana. Good Drama."
Pupil Blairdardie Primary School

2.1 PRESENTATION OF DATA

Pupils were asked the following questions:

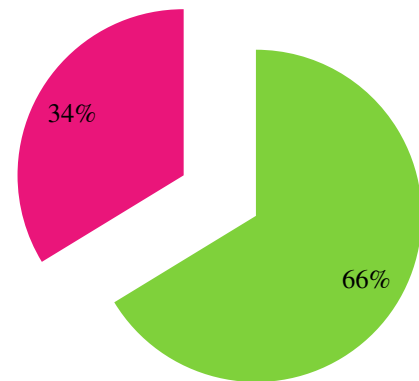
What did you think of The Worm Inspectors?

■ :-) ■ :-| ■ :-(



Would you like to help at school collecting waste food scraps for the school wormery

■ Yes ■ No



“Brilliant and entertaining... keep up the good work!!!”

Mathew McKnight, P6 Teacher



“I enjoyed that it was active and not just a boring talk. I also enjoyed that they taught you lots about worms.”

Pupil, Bridge of Weir Primary

“The Worm Inspectors was so good I could go again. I found it interesting and informative about worms.”

Pupil, Antonine Primary

“I enjoyed identifying the foods they eat.”

Pupil, Kilbarchan Primary



“We all love it. It was amazing!”

P5 pupils, Whiteinch Primary

“I enjoyed having our own wormery.”

Pupil, Pirie Park Primary

“I learned that Worms don’t have lungs...they can breathe through their skin...they don’t have teeth.” Pupils Whiteinch Primary

“I learned that worms are good for the earth and are a very important part of nature.” P6 pupils, Bridge of Weir Primary.

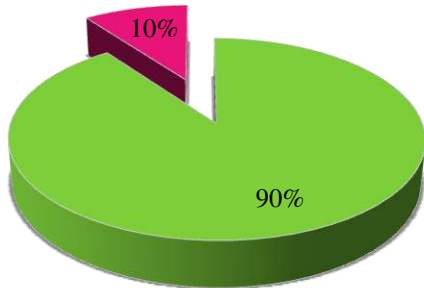
“It was cool. It was funny. It was awesome! They were good performers.” P5 Pupil, Aultmore Park

3. TEACHER FEEDBACK

Class teachers were asked the following questions in order for us to calculate qualitative data to assess the relevancy of the show for their pupils:

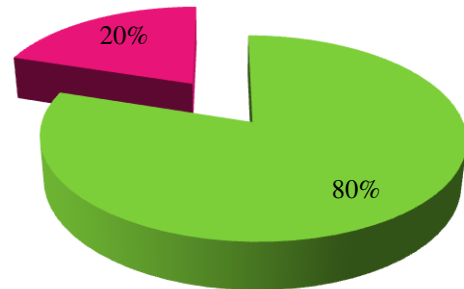
How well did the themes in this workshop link with the curriculum and your eco schools programme?

■ Excellent ■ Good ■ Ok ■ Not Relevant



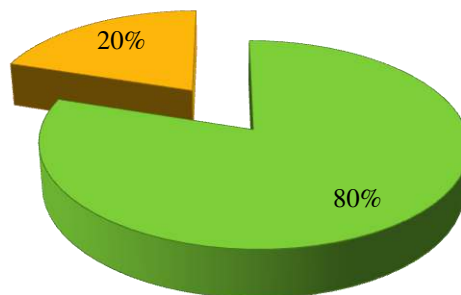
What did you think about the suitability of this show in relation to your pupils age and class level?

■ Excellent ■ Good ■ Ok ■ Not Relevant



How useful was the classroom activity pack?

■ Useful ■ Not useful ■ Not used yet



“Great interactive play, explaining the importance of recycling food and helping the environment.” Deborah Green, P5 Teacher, Aultmore Park Primary

“I thought the relaxed, informal approach at lunch time worked very well. Moving between pupil groups and modeling food waste habits was particularly good. Thanks for all of your hard work and commitment with this project.” Tommy Hynes, Teacher, Corpus Christie Primary School



“It was lively and entertaining, held the children’s attention and taught them in a fun way.” Mrs Hamilton, Whiteinch Primary

“Worthwhile, amusing and engaging.” K Morrison, P7 Teacher, St Claire’s Primary

MEASURING FOOD WASTE REDUCTIONS

We measured the carbon reductions made over **12 months** from February 2014 - February 2015, which equates to 200 school days of the partner schools composting food waste in their Kitchen Caddies. All schools previously did not do this.

Annual Saving from Food Waste Related Work

370 tonnes CO₂e

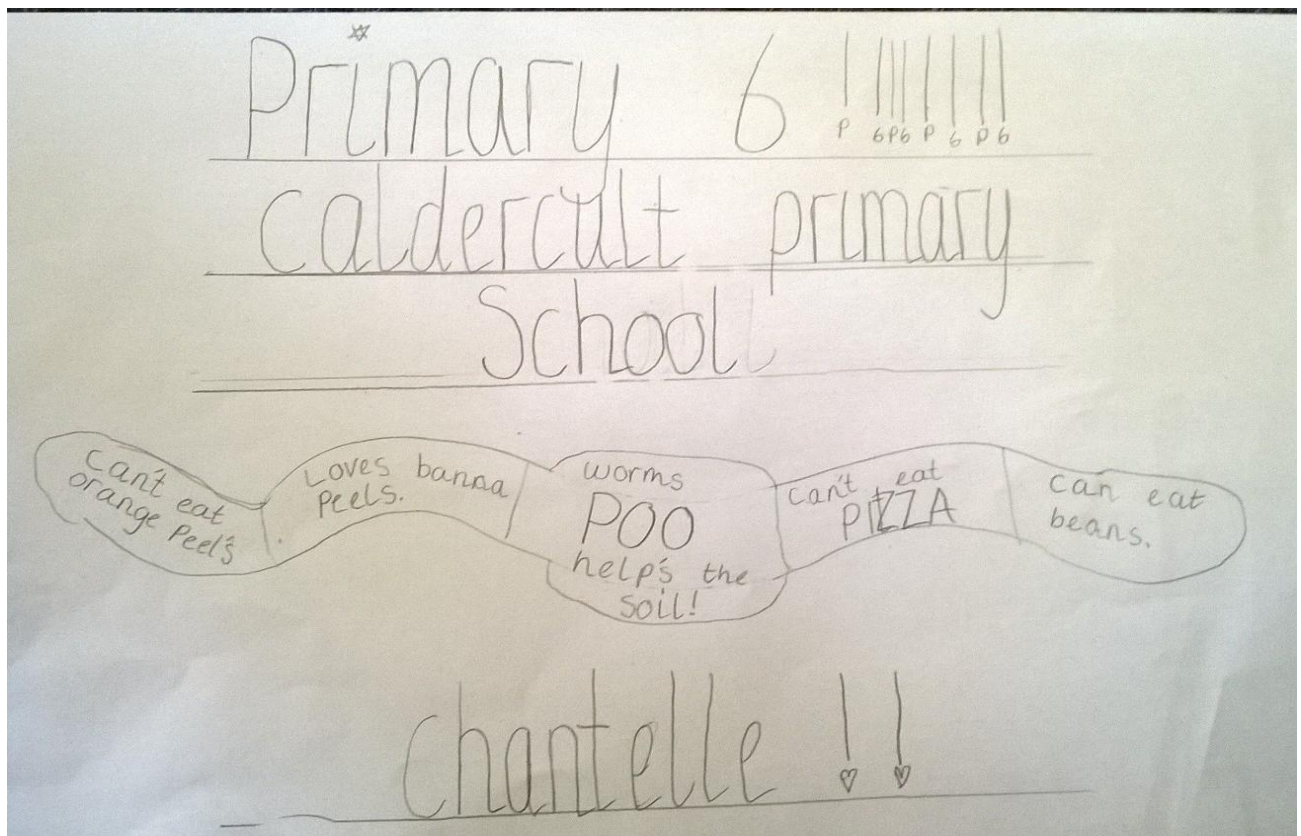
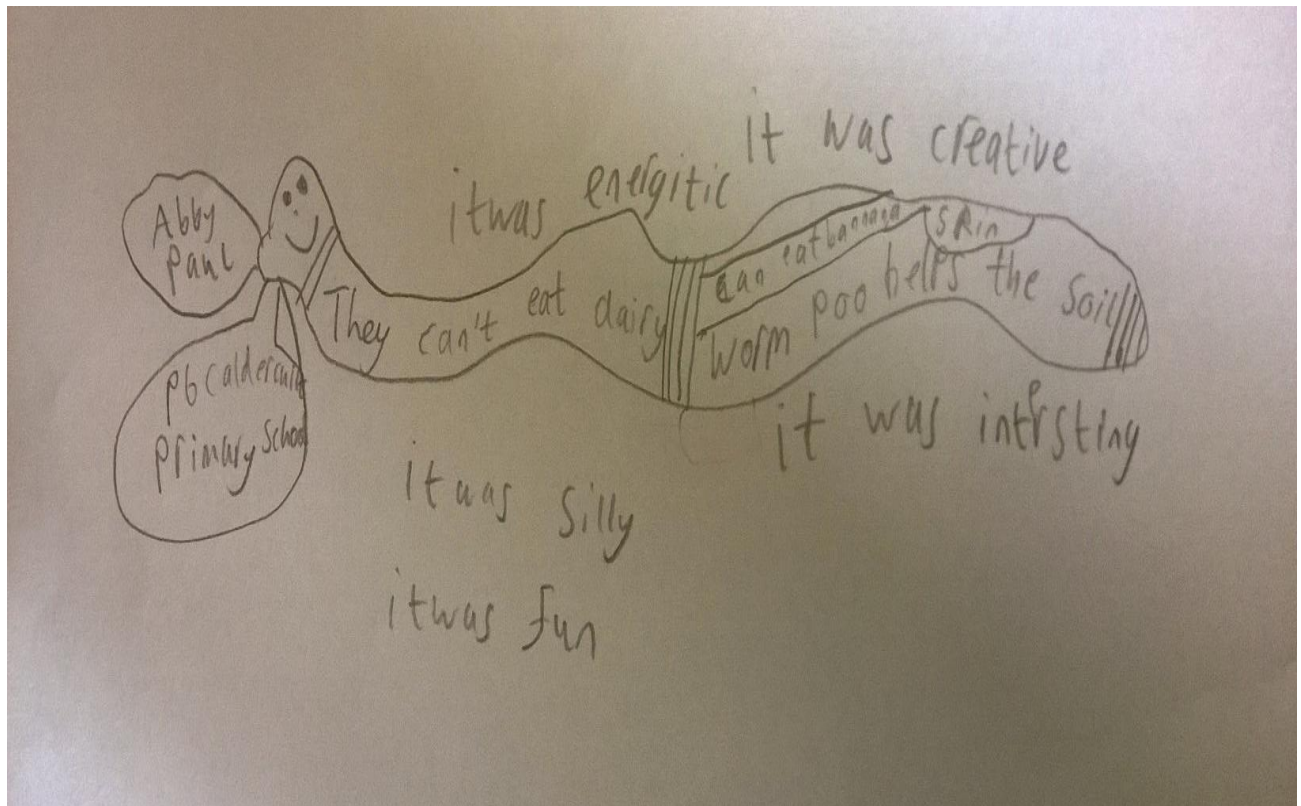
“I was a little scared about worms at first but now I love them!” Zoe



“We liked the wee worms. They made us happy” Kayla, Bellrock Nursery School

Eco Drama will continue to support these schools with their food waste reduction journeys and ensure the wormery’s ongoing use and lasting legacy.





4. SUMMARY

The feedback indicates that *The Worm Inspectors* has an effect on key learning areas and connects well with the **Curriculum for Excellence** and **Eco School Links**.

Children were encouraged to develop new creative skills to engage with the performance and lunchtime interaction and also to feedback to Eco Drama on their learning experience. **Through this we can see that Eco Drama's theatre production has impacted on the thoughts and attitudes of children.** There is evidence of thoughts and opinions being considered about many of the topics raised in the show (primarily the important role of the worm in relation to Food & the Environment, Waste Minimisation and School Grounds) **and how this can positively change their relationship with our natural world.**

The performance, lunchtime interaction, wormery and supporting resources can be a springboard from which teachers continue further learning in class. This aspect is further visible in Teacher Feedback, in which the production and classroom activity pack are shown to provide the basis for further learning and development and where the value of *The Worm-Inspectors* performance is evident.

The provision of a school wormery and caddy was also seen to have a positive lasting effect, with teachers reporting that **pupils are thoroughly enjoying engaging with the school wormery and using it to dispose of food waste and collect compost.**

70% of pupils

chose  to convey what they thought of *The Worm Inspectors*

66% of pupils

said that they would like to help collect food scraps for the school wormery

Of the total responding teachers...

100% of responding teachers found the production suitable to the classes' level **with 90%** stating **EXCELLENT** and **10% GOOD**

100% found the theme worked well with the curriculum and their own Eco School program. **80%** found it **EXCELLENT** whilst **20%** found it **GOOD**.

Finding the Classroom Activity Pack useful - **80% USEFUL** and **20% not used yet**